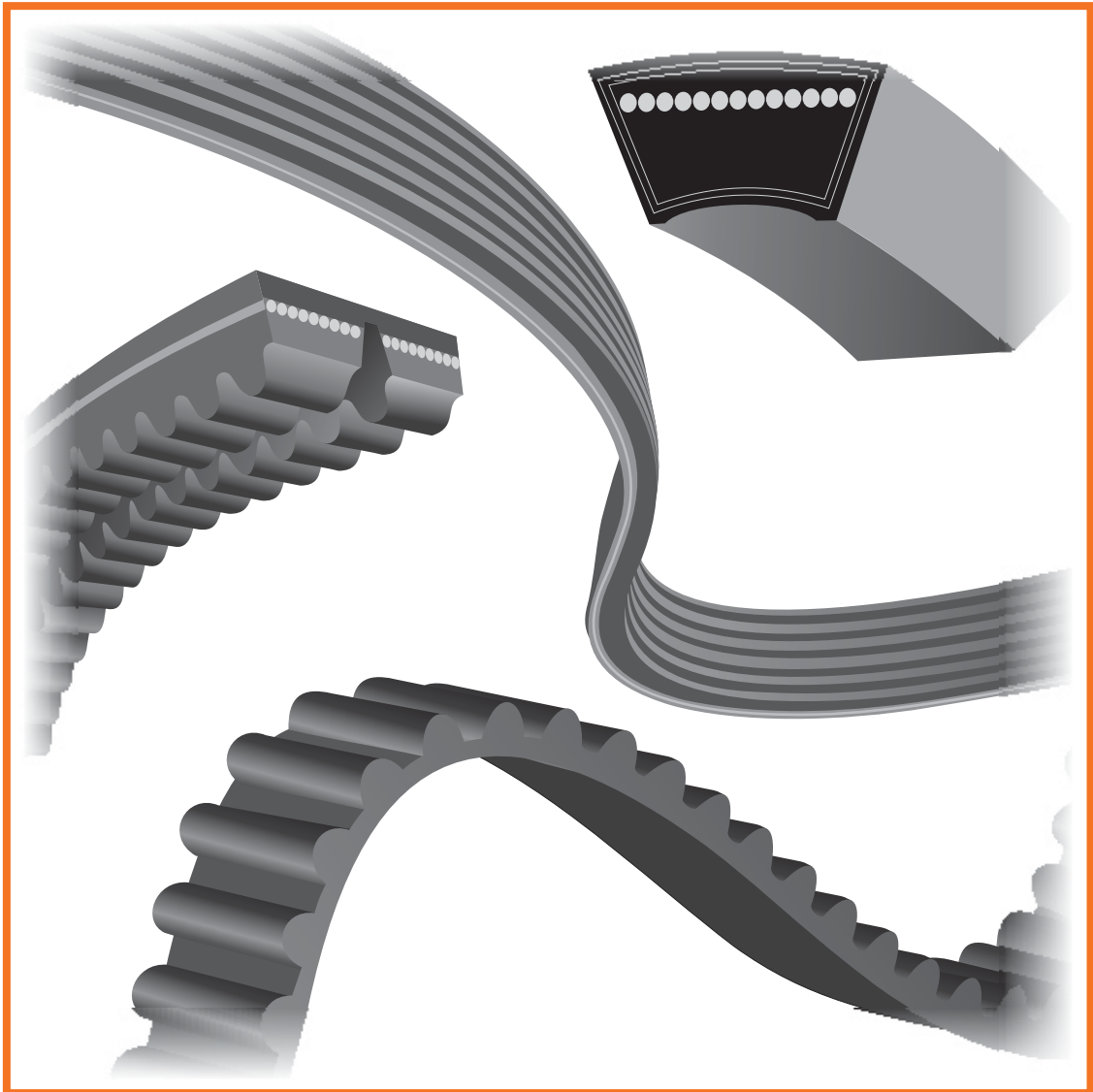


PIX Technical Manual



PIX



Wrap Construction Belts

Wrap Construction Belts

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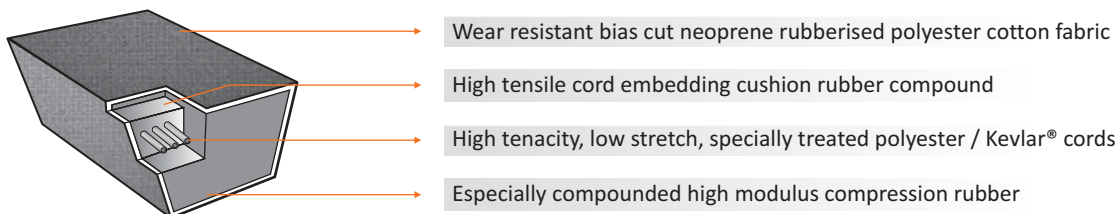
Application matrix

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Power Transmission

The transmission of power between Belt and Pulleys can either involve frictional forces or positive engagement and mechanical interlocking, for instance with the aid of cogs or teeth. The frictional forces, and thus the possible power rating, will depend on the coefficient of friction, the normal force and the contact area between Belt and Pulleys. The size of contact area depends on the arc of contact angle. Any increase in the contact force between Belt and Pulleys will cause increased Belt tension meaning increased loads on shafts and shaft bearings. One method of increasing frictional force without a corresponding increase of the Belt tension is to utilize the wedge effect without locking the Belt in the pulley groove, as in case of a V-Belt.

PIX-X'set®: Wrap Construction Belts



PIX-X'set®: Classical Section Belts

Commonly known as Wrap Construction Belts, triggered the momentum of industrial revolution in those days, Wrap Construction Belts forms the origin of evolution cycle of the Belts. The continued efforts of our research and development professionals has enabled the Belts to achieve the power ratings, considerably higher than most of the Belts available in the market. The unique formulation used in the construction of these Belts enables to match the stipulated power ratings thus offering distinct advantages regarding the increased factor of safety on critical drives. The standards followed by PIX have put the tolerances to be much more stringent than BS 3790, which forms the basis of PIX Classical Belts.

Features:

- Top width to height ratio 1.6:1
- Temperature range: -18°C to +80°C
- Maximum recommended Belt speed is 30 m/s
- Permissible flex rate $f=80$ per second
- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available

Application:

They are primarily used in industrial drives. Classical Belts are recommended in special applications such as V-flat drives. These Belts are advantageous where reverse idlers have to be used, because of the smaller thickness.

PIX-X'set®: Classical Section Belts

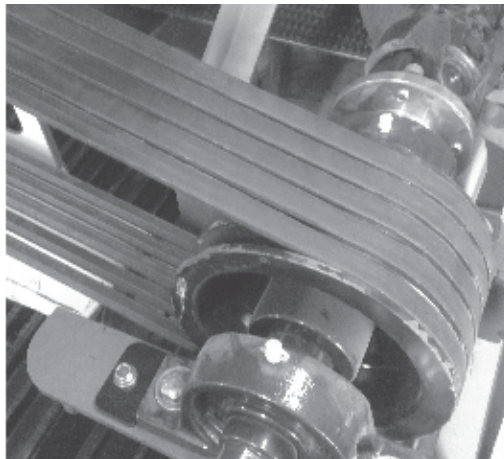
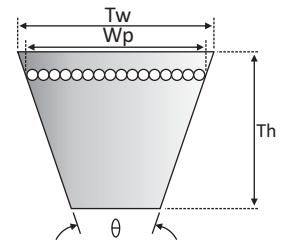
Standards, dimensions & product range:

Section	Dimensions		Angle (Deg)	Pitch width (Wp)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor		
	Tw (mm)	Th (mm)					Min. inch/mm	Max. inch/mm	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
8	8.0	5.0	40	6.7	DIN 2215-1975	40	39 / 990	174 / 4420	12	19	31
Z	10.0	6.0	40	8.5	IS 2494, BS 3790, ISO 4184	50	9.5 / 240	176 / 4470	16	22	38
A	13.0	8.0	40	11.0	IS 2494, BS 3790, ISO 4184	71	13 / 330	357 / 9070	14	36	50
B	17.0	11.0	40	14.0	IS 2494, BS 3790, ISO 4184	112	16 / 405	900 / 22860	26	43	69
20	20.0	13.0	40	17.0	DIN 2215-1975	160	31.5 / 800	900 / 22860	31	48	79
C	22.0	14.0	40	19.0	IS 2494, BS 3790, ISO 4184	180	31 / 785	900 / 22860	32	56	88
25	25.0	16.0	40	21.0	DIN 2215-1975	250	57 / 1445	900 / 22860	39	61	100
D	32.0	19.0	40	27.0	IS 2494, BS 3790, ISO 4184	355	44.5 / 1130	900 / 22860	40	79	119
E	38.0	23.0	40	32.0	IS 2494	500	90 / 2285	900 / 22860	53	92	145

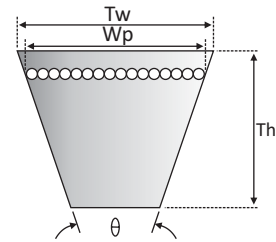
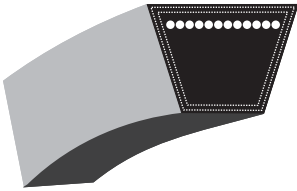
Nominal length designation: Li (Inside length) in inches

Product label:

PIX-X'set® A 106 13x2700 Li ANTISTATIC, OIL & HEAT RESISTANT
ANTISTATIC, OIL & HEAT RESISTANT



PIX-X'set®: Wedge Section Belts



Wedge Belts have been the result of a continuous thrust by the manufacturers and users on higher power transmissions with reduced space requirements. Wedge Belts can transmit higher power than the classical Belts with the same top width. This has been achieved by dimensional changes, apart from better cord construction and the optimum placement of cord line, which provides excellent support to the Belt while in motion.

A pre-stretched cord is used in building of these Belts, resulting into low stretch, when the Belts are put into use, which also helps in reducing the minimum installation and take-up allowance significantly.

For efficient performance of the wedge Belt drive it is essential that a proper tension be maintained, failure to maintain the same will render the purpose of Wedge Belts ineffective.

Features:

- Top width to height ratio: 1.2:1
- Temperature range: -18°C to +80°C
- Maximum recommended Belt speed: 42 m/s*
- Permissible flex rate $f=100$ per second
- Less deformation of the Belt cross-section ensures better contact between the Belt flanks and the Pulley grooves
- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available

Application:

Wedge Belts are commonly used because of the space savings achieved by using these Belts. They are used extensively in most of the industrial applications ranging from a light duty application drive to heavy load applications such as crusher drives.

PIX-X'set®: Wedge Section Belts

Standards, dimensions & product range:

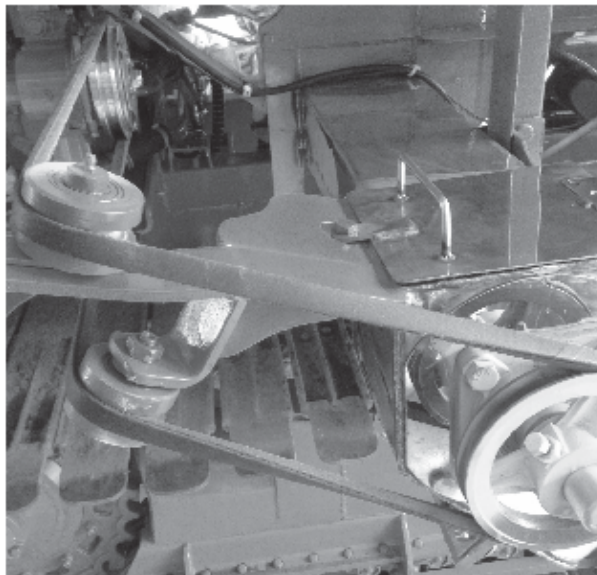
Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch width (Wp)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor			Length Designation
							Min.	Max.	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)	
SPZ	10.0	8.0	40	8.5	BS 3790	63	365mm	4000mm	13	37	50	Lp
SPA	13.0	10.0	40	11.0	BS 3790	90	576mm	9110mm	18	45	63	Lp
SPB	17.0	14.0	40	14.0	BS 3790	140	1000mm	16824mm	28	60	88	Lp
19	19.0	15.0	40	16.0	DIN 7753	180	2253mm	9137mm	25	69	94	Lp
SPC	22.0	18.0	40	19.0	BS 3790	224	1861mm	22943mm	30	83	113	Lp

Nominal length designation: Lp (Pitch length) in millimeters

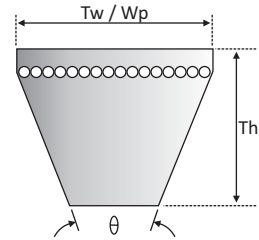
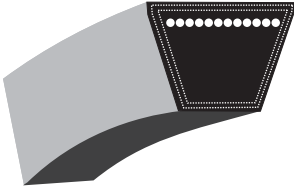
Note:

* For Belt speed more than 42 m/s, pulleys must be dynamically balanced.

Product label:



PIX-X'set®: High Capacity Narrow V-Belts



Narrow Belts and Wedge Belts are similar in construction and properties. The only difference being an additional top ridge provided in Narrow Belts. They are manufactured according to RMA-IP 22 specifications and are also known as American Wedge Belts.

An acceptable agreement and exchangeability is found between 3V and SPZ and in between 5V and SPB sections. It is possible to use 3V and 5V section Belts in SPZ and SPB section pulleys respectively, but the corollary is not recommended as the top width of the RMA standard Pulley is smaller.

8V section is however larger than SPC. SPC section Belts in some cases can be used in the 8V profile pulley with some loss of power rating, but the opposite is not recommended.

Interchangeability between Narrow and Wedge Belts

Narrow	Wedge
3V	SPZ
5V	SPB

Features:

- Temperature Range: -18°C to +80°C
- Maximum recommended Belt speed is 45 m/s*
- Maximum flex rate is $f=100$ per second
- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available

Application:

These are the standard section Belts used in USA and Canada, therefore they are primarily used in the machines exported to or from these countries.

8V section Belts are used in heavy duty applications, example stone crushers.

PIX-X'set®: High Capacity Narrow V-Belts

Standards, dimensions & product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch width (Wp)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor		
							Min. inch/mm	Max. inch/mm	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
3V	9.7	8.0	40	9.7	RMA IP 22	63	19.5 / 495	160 / 4064	13	37	50
5V	15.8	14.0	40	15.8	RMA IP 22	140	47 / 1194	657 / 16688	25	60	85
8V	25.4	23.0	40	25.4	RMA IP 22	335	100 / 2540	905 / 22987	53	92	145

Length Designation: La (outside length)

The standard length designation for Narrow Belts is as follows:

Belt number ÷ 10 = Outside length in inches

Example: 5V 950 means 950 ÷ 10 = 95 inches outside length

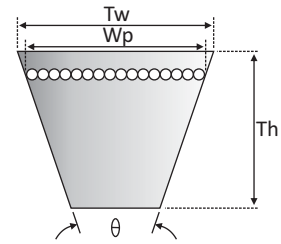
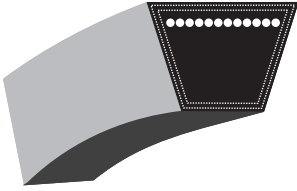
Note:

* For Belt speed more than 45 m/s, pulleys must be dynamically balanced.

Product label:

PIX-X'set® 3V 1000 9.7x2540 La ANTISTATIC, OIL & HEAT RESISTANT
ANTISTATIC, OIL & HEAT RESISTANT

PIX-X'set®: Light Duty Single V-Belts



Light duty V-Belts are used in household appliances or in a small size machine. They are available in three different sections to meet the varying requirements. They are always used in a single Belt drives

Product range:

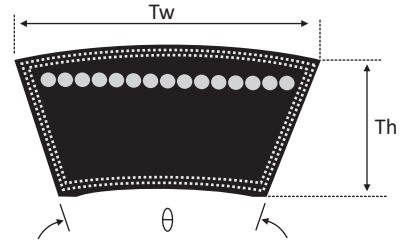
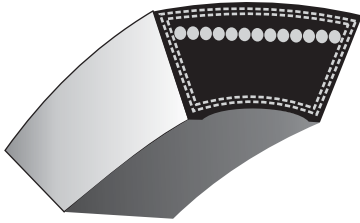
Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor		
						Min. inch/mm	Max. inch/mm	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
3L	9.65	5.59	40	RMA IP 23	45	10.5 / 267	177 / 4496	16	22	38
4L	12.7	7.87	40	RMA IP 23	65	15.0 / 381	359 / 9119	14	36	50
5L	16.7	9.65	40	RMA IP 23	91	21.0 / 533	242 / 6147	26	43	69

Length Designation: La (outside length)

Product label:

PIX-X'set® 3L 1060

PIX-X'set®-VS : Variable Speed Belts



PIX Variable Speed Belts are designed especially to withstand high ambient temperatures and oily conditions, generally seen in applications using adjustable speed drives.

They are designed for efficient power transmission and a minimal wasteful heat generation. The compound used in these Belts comprises of textile fibers oriented across the length of the Belt, to provide high stability and restrict deflection in the cross section. They are antistatic, oil and heat resistant. The minimal stretch, stiff polyester cords used in the design of these Belts are suitable for high power transmission and also ensures a high degree of length stability.

Features:

- Excellent transverse rigidity and flexibility to prevent bucking at minimum diameter settings, where high Belt-stress is seen
- Firm gripping action in the contact areas provide positive traction for precise, immediate response
- Higher power transmission than regular Belts
- Longer service-life
- Facilitates smooth running without excessive vibrations
- Specific Belt-design for maximum longitudinal flexibility
- Temperature range: -18°C to +80°C

Product range:

Section (Tw X Th)	Angle (Degree)	Manufacturing Range (mm)		Length Designation
		Minimum	Maximum	
17x8	40	800	1262	Li
25x13 / HI	30	1080	8992	Li
32x15 / HJ	30	1171	8240	Lp
38x18 / HK	30	1500	9170	Lp
45x20 / HL	30	1608	8847	Lp
51x22 / HM	30	1891	9588	Lp
55x22	30	1921	6671	Lp
60x25	30	1956	6681	Lp

(Reference standards: ISO 3410:1989 / BS 3733: 1974)

PIX-X'set®-VS : Variable Speed Belts

Product range:

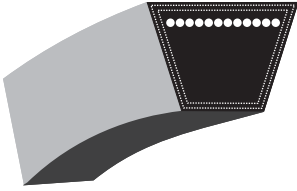
Section	Angle (Degree)	Manufacturing Range (mm)		Length Designation
		Minimum	Maximum	
13x11	40	1067	2057	Li
15x9	40	572	6452	Li
19x11	40	1057	3937	Li
21x9	40	991	1930	Li
22x16	40	1727	6553	Li
30x12	30	950	6604	Li
33x22	30	3912	22860	Li
38x23	26	2362	8966	Li
40x20	30	794	6579	Li
68x24	32	2540	9042	Li

Non standard sections

Product label:

PIX-X'set® vs 25x3350 Li	ANTISTATIC, OIL & HEAT RESISTANT
PIX-X'set® vs 25x3350 Li	

PIX-X'set®: Aramid Cord Belts



Aramid is an organic polyaramide fiber, which is manufactured using complex chemical processes. It is generally used where the power transmission requirements are very critical, apart from space restrictions on the permissible installation and take-up allowances. Aramid cord is used as tension member because of its high tensile strength.

Aramid cord Belts are recommended where,

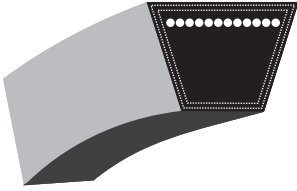
- There are restrictions on the drive width
- The installation & take-up allowances are to be minimal
- Critical drives

Tensile strength and % elongation comparison

Material	Tensile strength in lb/in ²	% Elongation at break
Polyester	162000	14
Aramid	400000	4

- The drive design calculation associated with Aramid cord Belts is similar to the standard drive design procedure.

PIX-X'set®: Fractional Horse Power Belts (FHP/M)



FHP V-belts are suitable for Fractional Horse Power motors, installed mainly in domestic appliances. It's a special category of Belts developed specifically for single-Belt applications with "fractional horsepower" (FHP) ratings.

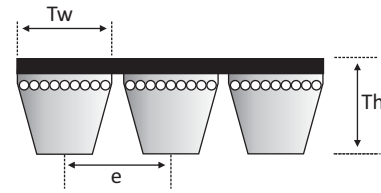
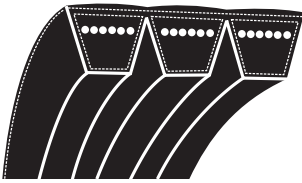
FHP Belts offer the opportunity to attain full operating power requirements with reduced energy consumption, a lower horsepower drive or both, providing highly desirable economic advantages.

Series	2000
Top width (mm)	10.0
Thickness (mm)	6.0
Angle (Degrees)	40.0
Range La (in inches)	11" to 176"

The standard length designation for FHP Belts is as follows:
Example: FHP 2200 means $200 \div 10 = 20$ inches outside length



PIX-DuraBand®-XS : Banded Belts



PIX DuraBand®-XS Banded Belts are made by joining Classical, Wedge or Narrow Belts on a tie-band. Each tie-band may contain a specific number of Belts. It is recommended to use maximum of five Belts in a tie-band.

- Top tie-band : Especially design, resistant to ozone, oil & heat
- Cushion : High modulus - low shrinkage tension member embedded cushion rubber compound
- Cord : Vital part of the Belt, used for the purpose of giving it the required strength. Belts can be manufactured using high tensile polyester cord or a very high tensile, low-stretch Aramid (Kevlar®) cord
- Base : Specially designed compression rubber gives stability to the Belt cross-section and supports the cord zone against deflection, under load condition
- Fabric : Wear resistant, bias cut neoprene rubberized polyester cotton fabric

Features:

- Enhanced power transmission capacity, up to 25%
- Lower number of Belts is required as compared to multiple single-Belt drive system
- High adhesion strength between tie-band and the Belts
- Eliminates chances of mismatch in length as observed in multiple single-Belt drive
- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available
- Manufactured through single-stage curing process
- Temperature range: -18°C to $+80^{\circ}\text{C}$

Application:

Banded Belts are recommended under following conditions

- Drives with severe vibrations
- Vertical shaft drives
- V-flat drives
- Agricultural drives
- Conveyor systems
- Stone crushers, reciprocating compressors, generator sets, pumps cold forging machines etc

PIX-DuraBand®-XS : Banded Belts

Note:

All PIX-DuraBand® Banded Belts are high power Belts. While using these Belts it is always recommended to use standard pulleys with a proper drive guard. Appropriate Belt sitting can only be obtained, if the pitch maintained for the Belts and that of pulleys is the same. Improper design using banded Belts can lead to premature failure of the drive system.

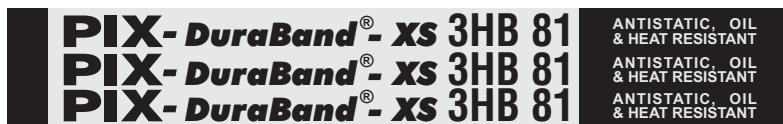
Product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch "e" (mm)	Min. Pulley Dia. (mm)	Manufacturing Range		Length Designation
						Min. inch/mm	Max. inch/mm	
HZ	10.0	8.50	40	10.3	55	45 / 1143	174 / 4420	Li
HA	13.0	10.0	40	15.9	80	33 / 838	255 / 6477	Li
HB	17.0	13.0	40	19.0	130	43 / 1092	370 / 9398	Li
HC	22.0	16.0	40	25.5	210	47 / 1194	900 / 22860	Li
HD	32.0	21.5	40	37.0	370	90 / 2286	900 / 22860	Li
HE	38.0	27.0	40	44.5	520	90 / 2286	900 / 22860	Li
HSPZ	10.0	10.0	40	12.0	67	47 / 1205	357 / 9080	Lp
HSPA	13.0	12.0	40	15.0	100	38 / 959	178 / 4515	Lp
HSPB	17.0	16.0	40	19.0	160	69 / 1762	367 / 9331	Lp
HSPC	22.0	20.0	40	25.5	224	89 / 2267	903 / 22943	Lp
H3V	9.70	10.0	40	10.3	67	37 / 940	180 / 4572	La
H5V	15.8	16.0	40	17.5	180	51 / 1295	663 / 16840	La
H8V	25.4	25.0	40	28.6	317	100/ 2540	905 / 22987	La

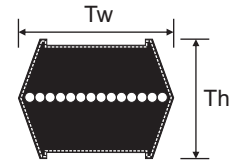
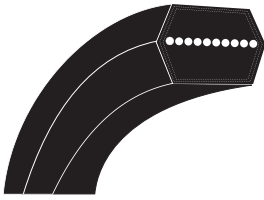
(Reference Standards: ISO 5290, ISO 5291, BS 3790)

Sections B, C, D, E, SPC, 8V Belts in single and banded constructions can be manufactured up to 1000" or 25400 mm

Product label:



PIX-DUO-XS®: Hexagonal Belts



Hexagonal V-Belts are also known as Double V-Belts. In simple terms Hexagonal Belts can be considered as two V-Belts joined back to back. The neutral axis containing the tension member is exactly half way up the section.

Features:

- Absolutely flexible
- Transmits power from both the sides
- This special construction allows Belt to be used in "Serpentine-drive" system
- Temperature range: -18°C to +80°C

Application:

Hexagonal Belts finds application in the drives where several pulleys in the same plane are to be driven in clockwise and anti-clockwise directions, simultaneously. The polyester tension cord placed at the centre of the construction provides extreme flexibility and low stretch properties.

Because of specific cord positioning, the Belts are not subjected to any other forces, as in the case of normal V-Belts. These are also used in rice mills. However, off late these Belts are also used in industrial drives.

Drive calculation:

The drive calculation for double V-Belts differs from the drive calculation in a drive using two pulleys.

The effective length, rotational speed, transmission ratio and Belt speed are determined by the effective pulley diameter. There is no requirement of special pulley for Hexagonal Belts.

Product range:

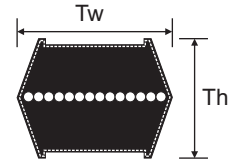
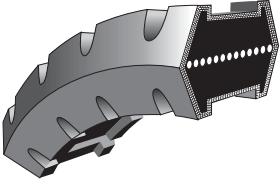
Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Dia. (mm)	Manufacturing Range		Length Designation
					Min. inch/mm	Max. inch/mm	
AA	13.0	10.0	40	80.0	46 / 1168	254 / 6452	Li
BB	17.0	14.0	40	125.0	40 / 1016	900 / 22860	Li
CC	22.0	17.0	40	224.0	73 / 1854	900 / 22860	Li
25	25.0	22.0	40	280.0	88 / 2235	900 / 22860	Li
DD	32.0	25.0	40	355.0	158 / 4013	900 / 22860	Li

Available in Kevlar® cord construction also.

Product label:

PIX-Duo® - XS CC 85 ANTISTATIC, OIL & HEAT RESISTANT

PIX-DUO®-XS-N: Double-Sided Notched Belts



Features:

- Special notch, offers excellent flexibility and extended life
- Designed to cater application, with large center distances and in serpentine drives
- Notched design is suitable for drying application in textile industries
- Temperature range: -18°C to +80°C

Application: Textile industry

Product range:

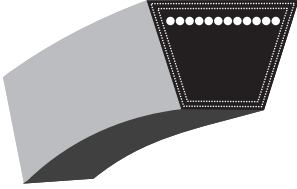
Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Dia. (mm)	Manufacturing Range		Length Designation
					Min. inch/mm	Max. inch/mm	
N-CC	24.0	30.0	40	224.0	155 / 3937	900 / 22860	Lp

* Other sections can be provided on request.

Product label:

PIX-Duo® - XS N-CC720 ANTISTATIC, OIL & HEAT RESISTANT

PIX-FRAS®-XS: Fire Resistant Antistatic Belts



Certain working environments, example coal mines and sensitive petrochemical installations require V-Belts having fire resistant properties, in addition to normal anti-static properties. PIX-FRAS® V-Belts are suitable for such applications.

This construction is thoroughly tested during and after manufacture, to comply with all the aspects of IS-2494 Part - II & BS-3790.

PIX FRAS Belts are also certified by ATEX.

Features:

- Ensures high level of protection against fire hazards
- Fire resistance test result of flame & glow time period is lesser than the desired 5 seconds, maximum time as per BS 3790 standard
- ATEX values for electrical resistance are approximately 10-15 times more stringent than ISO 1813, leading to a more safer drive (Value for PIX SPB section Belt observed 0.1 MO against 2 MO, maximum value of the ISO 1813 standard)
- Resistance to emit inflammable substances while in operation
- Damage-free and crack resistance properties to ensure smooth operation
- Longer service life
- Dimensional stability
- Antistatic, oil and heat resistant
- Temperature range: -18°C to +80°C

Product range:

PIX-FRAS®-XS (Regular Belts)

Sections: 8, Z, A, B, 20, C, 25, D, E, SPZ, SPA, SPB, 19, SPC, 3V, 5V, 8V

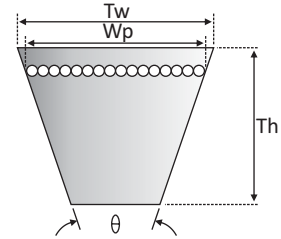
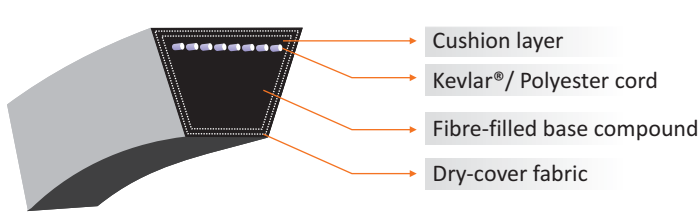
PIX-FRAS®-HXS (Banded Belts)

Sections: HA, HB, HC, HD, HE, HZ, HSPZ, HSPA, HSPB, HSPC, H3V, H5V, H8V

Product label:

PIX-FRAS®-XS A 106 ANTISTATIC, OIL & HEAT RESISTANT  II 2GD c IIB X

PIX-LawnMaster®: Lawn Mower Belts



Features:

- High tensile strength, non-extensibility, high resistance to shock-loads
- High resistance to wear and tear, reduced slippage while clutching
- Able to withstand high level of reverse-flexing
- High resistance to oil, heat and cracking
- Temperature range: -18°C to +80°C

Product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor		
						Min. inch/mm	Max. inch/mm	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
3L	9.65	5.59	40	RMA IP 23	45	10.5 / 267	177 / 4496	16	22	38
4L	12.7	7.87	40	RMA IP 23	65	15.0 / 381	359 / 9119	14	36	50
5L	16.7	9.65	40	RMA IP 23	91	21.0 / 533	242 / 6147	26	43	69

Length Designation: La (outside length)

Product label:

PIX - LawnMaster® 3L 1060 K



PIX-DryCover®: Dry Cover Belts



Features:

- Suitable for drives with clutch application
- Designed for applications, where contamination is not acceptable
- Available in polyester and Kevlar® cord constructions
- Available in various colours - blue, green, brown, red, black and white
- Temperature range: -18°C to +80°C

Application: Chemical, pharmaceuticals, food industry etc.

Product range:

PIX-DryCover®-XS (Regular Belts)

Sections: A, B, C, D, SPZ, SPA, SPB, SPC, 3V, 5V, 8V, 3L, 4L, 5L

PIX-DryCover®-HXS (Banded Belts)

Sections: HA, HB, HC, HD, HSPZ, HSPA, HSPB, HSPC, H3V, H5V, H8V

Product label:

PIX-DryCover® B 110

PIX Profile Top Belts

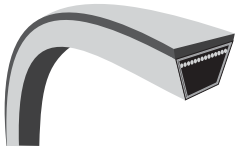
There are few applications where it is desired that the Belts should transmit the power and convey the material also. These applications demands special construction Belts, depending upon the type of the material it is intended to convey.

For example in ceramic tile industry, agricultural machineries, continuous processes, steel plate cleaning machines etc. In general all these Belts are having a special rubber-top-profile on the top, the pattern and the compounding of the rubber-top-profile depends upon the material to be conveyed.

Features:

- Excellent service life
- Strong adhesion between top profile and the Belt
- Application specific designed Belts
- Designed for applications where power transmission and conveying of material is done simultaneously
- Temperature range: -18°C to +80°C

PIX-ECHELON®-XS (PT-O)



Section	Top Width (mm)	Thickness (mm)	Pattern Height (mm)	Angle (Degrees)	Manufacturing Range	
					Min. (inch/mm)	Max. (inch/mm)
B (17x14)	17.0	14.0	3.0	40	85 / 2159	900 / 22860
B (17x16)	17.0	16.0	5.0	40	85 / 2159	900 / 22860
A (13x13)	13.0	13.0	5.0	40	48 / 1219	356 / 9042
37 x 25	37.0	25.0	5.0	40	161 / 4089	900 / 22860

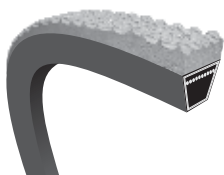
Length Designation: Li (inside length)

Application: Food-grain & ceramic tiles industry

Product label:

PIX-ECHELON®-XS B 150 ANTISTATIC, OIL & HEAT RESISTANT

PIX-TEXTURA®-XS (PT-HC)



Section	Top Width (mm)	Thickness (mm)	Pattern Height (mm)	Angle (Degrees)	Manufacturing Range	
					Min. (inch/mm)	Max. (inch/mm)
B (17x17)	17.0	17.0	6.0	40	42 / 1067	900 / 22860
C (22x20)	22.0	20.0	6.0	40	66 / 1676	900 / 22860

Length Designation: Li (inside length)

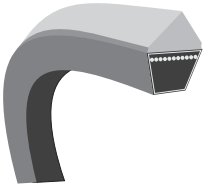
Application: Ceramic tiles and general industries

Product label:

PIX-TEXTURA®-XS B 85 ANTISTATIC, OIL & HEAT RESISTANT

PIX Profile Top Belts

PIX-CERAMICA[®] - XS (PT-6)



Section	Top Width (mm)	Thickness (mm)	Pattern Height (mm)	Angle (Degrees)	Manufacturing Range	
					Min. (inch/mm)	Max. (inch/mm)
B (17x22)	17.0	22.0	11.0	40	85 / 2159	357 / 9068
B (17x26)	17.0	26.0	15.0	40	66 / 1676	356 / 9042
C (22x25)	22.0	25.0	11.0	40	73 / 1854	320 / 8128

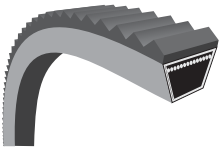
Length Designation: Li (inside length)

Application: Ceramic tiles industry

Product label:

PIX-CERAMICA[®] - XS B 150 ANTISTATIC, OIL & HEAT RESISTANT

PIX-EXTRACTOR[®] - XS (PT-7)



Section	Top Width (mm)	Thickness (mm)	Pattern Height (mm)	Angle (Degrees)	Manufacturing Range	
					Min. (inch/mm)	Max. (inch/mm)
37(37x25)	37.0	25.0	7.0	40	116 / 2946	375 / 9525
D (32x26)	32.0	26.0	7.0	40	142 / 3607	900 / 22860

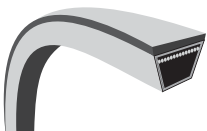
Length Designation: Li (inside length)

Application: Carrot harvesting machines, horticultural industry

Product label:

PIX-EXTRACTOR[®] - XS D 150 ANTISTATIC, OIL & HEAT RESISTANT

PIX-PT

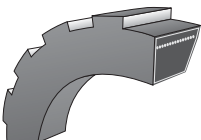


Section	Top Width (mm)	Thickness (mm)	Pattern Height (mm)	Angle (Degrees)	Manufacturing Range	
					Min. (inch/mm)	Max. (inch/mm)
20 x 12.5	20.0	15.0	2.5	40	155 / 3937	900 / 22860

Length Designation: Li (inside length)

Application: Tiles industry

PIX-PTU

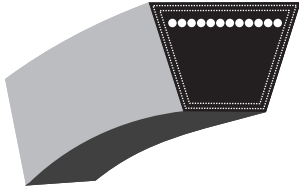


Section	Top Width (mm)	Thickness (mm)	Pattern Height (mm)	Angle (Degrees)	Manufacturing Range
					(inch/mm)
B	17.0	16.5	5.5	40	36.5 / 927

Length Designation: Li (inside length)

Application: Medical equipment

PIX-GreenPower®-XS: Eco-friendly Belts



Construction:

- Special halogen free eco-friendly rubberised fabric
- High tensile cord embedding halogen free cushion rubber
- High tenacity, low stretch, specially treated polyester cord
- Specially compounded high modulus halogen free compression rubber

Features:

- Efficient performance without harmful emissions
- Excellent performance in all the applications where PIX standard Belts are used
- REACH and RoHS compliant
- Smooth-running operation
- The eco-friendly compound ensures pollution free environment, healthy flora, fauna and living beings
- No toxic emissions at the time of manufacturing, testing and at running conditions
- Excellent service life
- Temperature range: -18°C to +80°C

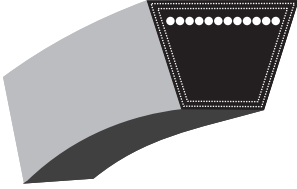
Product range: Available in wrapped belt construction upon request.

Product label:

PIX-GreenPower®-XS SPA 1600

ECO-FRIENDLY HF
ECO-FRIENDLY HF
ECO-FRIENDLY HF
ECO-FRIENDLY HF

PIX-IGLOO®-XS: Low Temperature Belts



Features:

- Excellent performance while operating in extremely low ambient temperatures of up to -45°C
- Excellent service life
- Improved crack resistance properties to ensure smooth operation in low temperature applications
- Temperature range: -45°C to +80°C

Application:

- Cooling tunnels
- Cold storage for conveying purpose
- Low ambient temperature drives etc

Product range:

PIX-IGLOO®-XS (Regular Belts)

Sections: Z, A, B, C, SPZ, SPA, SPB, SPC, 3V, 5V, 8V

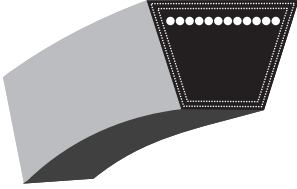
PIX-IGLOO®-HXS (Banded Belts)

Sections: HZ, HA, HB, HC, HSPZ, HSPA, HSPB, HSPC, H3V, H5V, H8V

Product label:



PIX-THERMAL[®]-XS: High Temperature Belts



Features:

- High temperature resistant
- Longer service life
- Crack and damage free even at high temperature conditions
- Temperature range: -25°C to +100°C

Product range:

PIX-THERMAL[®]-XS (Regular Belts)

Sections: Z, A, B, C, D, E, SPZ, SPA, SPB, SPC, 3V, 5V, 8V

PIX-THERMAL[®]-HXS (Banded Belts)

Sections: HA, HB, HC, HD, HE, HZ, HSPZ, HSPA, HSPB, HSPC, H3V, H5V, H8V

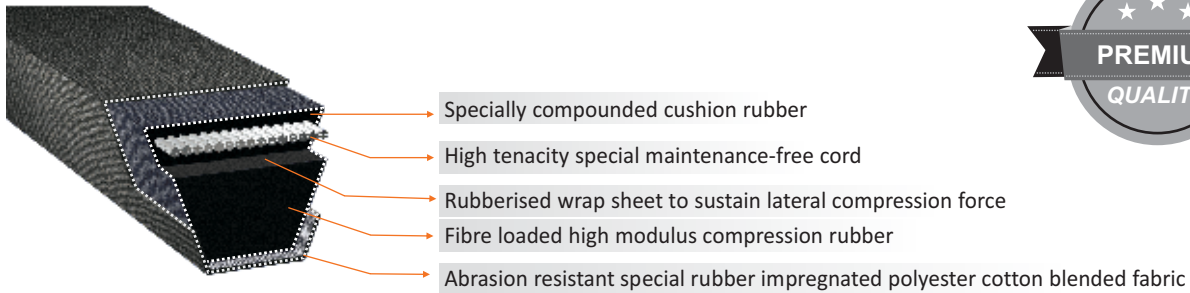
PIX-THERMAL[®]-VS (Variable Speed Belts)

Sections: 17x8, 25x13 / HI, 32x15 / HJ, 38x18 / HK, 45x20 / HL, 51x20 / HM, 55x22, 60x25, 13x11, 15x9, 19x11, 21x9, 22x16, 30x12, 33x22, 38x23, 40x20, 68x24

Product label:



PIX-MUSCLE®-XS3: High Power, Maintenance-Free Belts



Features:

- Extremely high power rating - up to 50% more than regular belt
- High efficiency up to 98%
- Maintenance free
- Extended service life & less machine down-time
- Antistatic complies with ISO 1813
- Superior oil & heat resistance
- REACH & RoHS compliant, provides an eco-friendly system
- Extended temperature range from -25°C to +100°C

Product range:

Section	Manufacturing Range		Length Designation
	Min.	Max.	
SPZ	365 mm	4000 mm	Lp
SPA	576 mm	9110 mm	Lp
SPB	1000 mm	16824 mm	Lp
SPC	1861 mm	22943 mm	Lp
3V	19.5"	160"	La
5V	47"	657"	La
8V	100"	905"	La

Note:

- PIX-Muscle®-XS3 Belts in all other popular Wrap Belt sections and in Banded construction can be made available upon request.

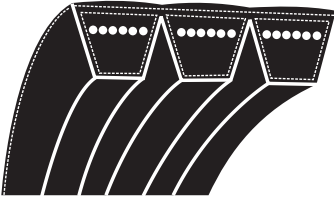
Application:

- Wire rope manufacturing industry
- Steel industry
- Power plants
- Textile industry
- Pharmaceutical Industry
- Food processing units

Product label:



PIX-GALLANT®-XS: Heavy Duty, High Power Belts



Construction:

- Top tie band offers lateral rigidity, which prevents Belt from shocks and offer smooth running in multi-groove pulley
- Specially treated aramid tensile member to provide extra strength and no Belt stretch
- Specially compounded CR rubber base compound, provides excellent resistance to oil and heat
- Non-rubberized outer cover maintains required slippage and prevents the Belt from abrasion

Features:

- Enhanced power transmission capacity
 - Up to 40% in PIX-Gallant® single Belts
 - Up to 55% in PIX-Gallant®-HXS Banded Belts
- Especially treated outer tough cover reduces sidewall wear and withstands to sudden shear forces at peak loads
- Designed to exhibit excellent durability, strength, abrasion and wear resistance
- Unique performance under heavy shocks and impulse loads
- Low heat generation even at very high speed
- Best solution for compact drives as lesser number of Belts is required
- One single branding that combines all the major features and fit for any robust application
- Operating temperature range: -25°C to +100°C

Application:

- Forestry
- Mining
- Construction
- Agriculture
- Manufacturing

Product range:

PIX-GALLANT®-XS (Single Belts)

Sections: A, B, C, SPA, SPB, SPC, 5V, 8V

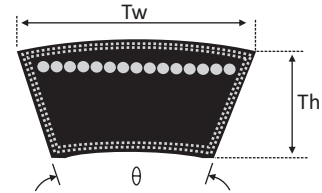
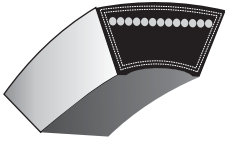
PIX-GALLANT®-HXS (Banded Belts)

Sections: HA, HB, HC, HSPA, HSPB, HSPC, H5V, H8V

Product label:

PIX-GALLANT®-HXS 3HSPB 2650
PIX-GALLANT®-HXS 3HSPB 2650

PIX-HARVESTER®-XS: Agricultural Belts



Features:

- Specially designed for reverse idler applications, commonly found in harvester machines
- High longitudinal flexibility, suitable for small pulley / reverse idler drives
- No bottom cracking / chipping, the Belt design being application-specific
- Specially designed to resist loads during application
- Antistatic and oil resistant
- High temperature resistant than the regular V-Belts
- Lateral rigidity along the sides of the Belt prevents Belt deformation
- Significant performance under variable speed conditions
- Higher power transmission capacity
- Low stretch due to high tensile strength cord, even under heavy load condition
- Temperature range: -18°C to +80°C

Product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range	
				Min. (inch/mm)	Max. (inch/mm)
B (17x11)	17.0	11.0	40	16.0 / 406	900 / 22860
19x11	19.0	11.0	40	41.6 / 1057	155 / 3937
20x12.5	20.0	12.5	40	31.4 / 798	900 / 22860
22x11	22.0	11.0	40	62.0 / 1575	354 / 8992
C (22x14)	22.0	14.0	40	31.0 / 787	900 / 22860
22x16	22.0	16.0	40	68.0 / 1727	258 / 6553
25x16	25.0	16.0	40	57.0 / 1448	900 / 22860
25x13	25.0	13.0	30	42.5 / 1080	354 / 8992
30x12	30.0	12.0	30	37.4 / 950	260 / 6604
32x15	32.0	16.0	34	43.7 / 1110	322 / 8179
38x18	38.0	18.0	30	56.0 / 1422	358 / 9093
40x20	40.0	20.0	30	68.0 / 1727	259 / 6579
45x20	45.0	20.0	30	60.0 / 1524	345 / 8763
50x20	50.0	20.0	34	71.0 / 1803	374 / 9500
55x22	55.0	22.0	30	72.0 / 1829	259 / 6579
60x25	60.0	25.0	30	73.0 / 1854	259 / 6579
68x24	68.0	24.0	32	100.0 / 2540	356 / 9042

Length Designation: Li (inside length)

Product range:

Section	Top Width (mm)	Thickness (mm)	Manufacturing Range	
			Min. (inch/mm)	Max. (inch/mm)
70Fx4	70.0	4.0	68 / 1727	252 / 6401
80Fx4	80.0	4.0	68 / 1727	252 / 6401
30Fx6	30.0	6.0	110 / 2794	900 / 22860
50Fx6	50.0	6.0	39 / 991	80 / 2032
75Fx6	75.0	6.0	106 / 2692	352 / 8941
80Fx6	80.0	6.0	77 / 1956	352 / 8941
95Fx6	95.0	6.0	106 / 2692	315 / 8001
100Fx6	100.0	6.0	85 / 2159	340 / 8636
114Fx6	114.0	6.0	106 / 2692	317 / 8052
120Fx6	120.0	6.0	106 / 2692	317 / 8052
125Fx6	125.0	6.0	68 / 1727	252 / 6401
127Fx6	127.0	6.0	106 / 2692	317 / 8052
135Fx6	135.0	6.0	106 / 2692	342 / 8687
140Fx6	140.0	6.0	106 / 2692	342 / 8687
150Fx6	150.0	6.0	106 / 2692	317 / 8052

Length Designation: Li (inside length)

Product label:

PIX-HARVESTER® - XS A 106 ANTISTATIC, OIL & HEAT RESISTANT

PIX-HARVESTER® - AGF 114Fx3300 ANTISTATIC, OIL & HEAT RESISTANT
PIX-HARVESTER® - AGF 114Fx3300 ANTISTATIC, OIL & HEAT RESISTANT
PIX-HARVESTER® - AGF 114Fx3300 ANTISTATIC, OIL & HEAT RESISTANT

Raw Edge Cogged Belts

Raw Edge Cogged Belts, as the name suggest, does not have the fabric wrapping on the outer surface. They are produced by slitting an individual Belt from a rubber sleeve and hence they are also called as Cut Edge Belts.

The manufacturing process of Raw Edge Cogged Belt differs from the Wrap Belts, with the cogs at the bottom of the Belt, they are more flexible, and the bending stress on the Belts is also lower compared to the Wrap Belts. They can operate on the pulleys with approximately 20% smaller diameters.

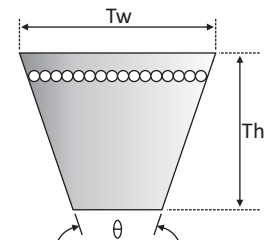
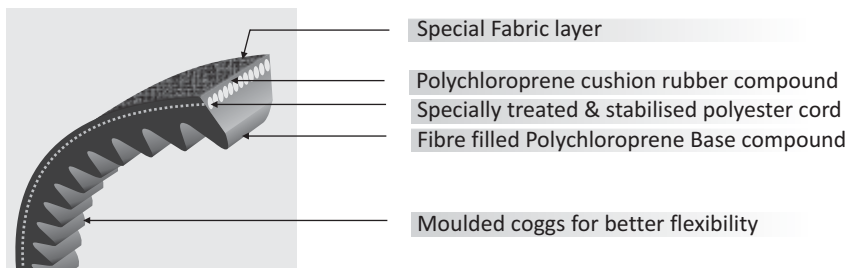
The decreased bending stress reduces the mechanical loss and leads to an improved efficiency of the drive with reduced working temperature.

The heat dissipation is further improved by large area between the Belt and the surrounding atmosphere, and also due to air turbulence around the cogs during operation.

To exhibit higher power transmission capability, the tension required in Raw Edge Cogged Belts is higher, compared to the Wrap Belts

Raw Edge Belts are of three types:

- (I) Regular Raw Edge Cogged Belts
- (ii) Raw Edge Plain Belts
- (iii) Raw Edge Laminated Belts



Features:

Special top-layer with fabric

The rigid layer on the top surface restricts top layer from cracking and gives uniform tension on the cord ends. Top fabric gives better support and protection from environment

Tough tensile member for greater strength

Specially treated stabilised polyester cords provides high tensile strength with minimum stretch which offers superior resistance to fatigue and shock loads

Moulded cogs

The cogs facilitate the Belts to operate even over smaller diameter pulleys, at a higher speed. The cogs also help in reducing the bending stress apart from providing a higher surface area for heat dissipation

Features:

Polychloroprene cushion rubber compound

Ensures the best possible bond between the base compound, the tension cord and rubber impregnated fabric top surface that provides long service life without cord separation

Fiber filled polychloroprene base compound

Gives enhanced power transmission capability, superior transverse stiffness and high wear resistance

Speed ratios up to 1:12 are possible:

This eliminates the need of a multi-stage drive

Maximum recommended Belt speed

Classical Belts: 30 m/sec

Wedge Belts: 42 m/sec

Narrow section Belts: 45 m/sec

- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available
- Temperature range: -25°C to +100°C

Advantages:

The advantages of Raw Edge Cogged Belts over Wrap Belts are of great importance in the following cases

- Drives with very small pulley diameters
- High ambient temperatures
- High Belt speeds

Application: It is recommended to use these Belts in borderline cases, if difficulties are anticipated in using wrap construction Belts. Also suitable for all general engineering, industrial belt drives

Product range:

PIX-X'tra® Classical Section Belts

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor		
						Min. (inch/mm)	Max. (inch/mm)	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
ZX	10.0	6.0	36	IS 2494, BS 3790, ISO 4184	40.0	23.5 / 597	200 / 5080	16	22	38
AX	13.0	8.0	36	IS 2494, BS 3790, ISO 4184	63.0	23.5 / 597	200 / 5080	14	36	50
BX	17.0	11.0	36	IS 2494, BS 3790, ISO 4184	90.0	23.5 / 597	200 / 5080	26	43	69
CX	22.0	14.0	36	IS 2494, BS 3790, ISO 4184	140.0	23.5 / 597	200 / 5080	32	56	88
DX	32.0	19.0	36	IS 2494, BS 3790, ISO 4184	280.0	40 / 1016	200 / 5080	40	79	119

Length Designation: Li (inside length)

Product range:

PIX-X'tra® Wedge Section Belts

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor		
						Min. (mm)	Max. (mm)	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
XPZ	10.0	8.0	36	BS 3790	56.0	600	5100	13	37	50
XPA	13.0	10.0	36	BS 3790	71.0	600	5100	18	45	63
XPB	17.0	14.0	36	BS 3790	112.0	600	5100	28	60	88
XPC	22.0	18.0	38	BS 3790	180.0	600	5100	30	83	113

Length Designation: Lp (pitch length)

PIX-X'tra® High Capacity Narrow V-Belts

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor		
						Min. (inch/mm)	Max. (inch/mm)	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
3VX	9.7	8.0	38	RMA IP 22	56.0	23.5 / 597	200 / 5080	13	37	50
5VX	15.8	14.0	38	RMA IP 22	112.0	23.5 / 597	200 / 5080	25	60	85
8VX	25.4	23.0	38	RMA IP 22	254.0	90 / 2286	200 / 5080	53	92	145

Length Designation: La (outside length)

Product label:



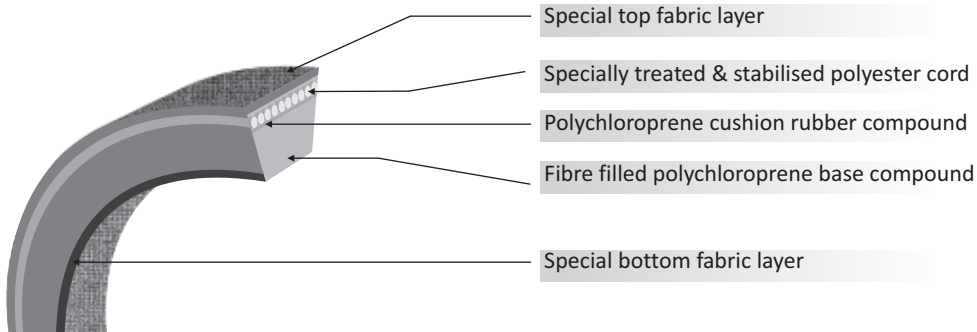
PIX-X'tra® Light Duty Single V-Belts

Product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor		
						Min. (inch/mm)	Max. (inch/mm)	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
2LX	6.30	4.00	36	RMA IP 23	25.0	23.5 / 597	118 / 2997	-	-	-
3LX	9.65	5.59	36	RMA IP 23	36.0	23.5 / 597	118 / 2997	16	22	38
4LX	12.70	7.87	36	RMA IP 23	58.0	23.5 / 597	118 / 2997	14	36	50
5LX	16.70	9.65	36	RMA IP 23	72.0	23.5 / 597	118 / 2997	26	43	69

Length Designation: La (outside length)

PIX-X'tra® - XP: Raw Edge Plain Belts



Construction:

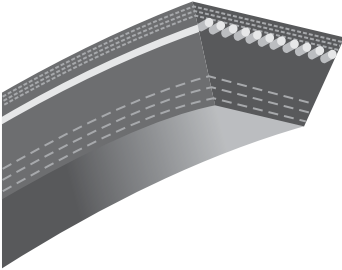
The construction of Raw Edge Plain Belts is similar to Raw Edge Cogged Belts except for a special bottom fabric layer.

Standards, dimensions & product range: Same as Raw Edge Cogged Belts

Product label:

PIX-X'tra® - XP	X13x8x1135 La	ANTISTATIC, OIL & HEAT RESISTANT
PIX-X'tra® - XP	X13x8x1135 La	ANTISTATIC, OIL & HEAT RESISTANT

PIX- X'tra® - XL: Raw Edge Laminated Belts



Construction:

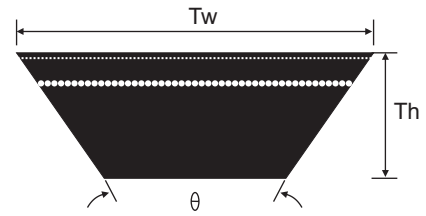
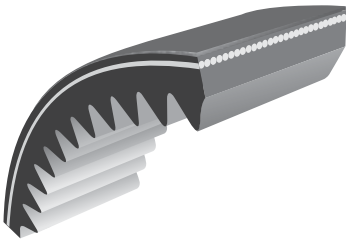
Raw Edge Plain Belts may or may not have a fabric layer at the bottom, but Raw Edge Laminated Belts will have more than one bottom layer fabric. As a result they are excellent in resistance to transverse compression.

Standards, dimensions & product range: Same as Raw Edge Cogged Belts

Product label:

PIX-X'tra® - XL	X13x8x1135 La	ANTISTATIC, OIL & HEAT RESISTANT
PIX-X'tra® - XL	X13x8x1135 La	ANTISTATIC, OIL & HEAT RESISTANT

PIX-X'tra®-XV: Variable Speed Belts



Features:

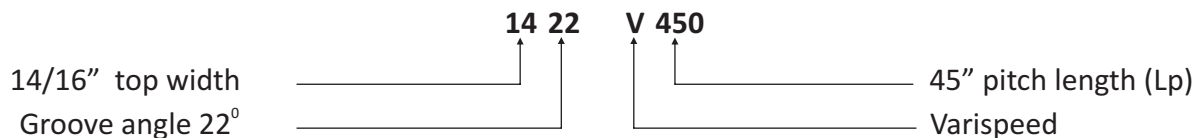
- Excellent transverse rigidity and flexibility to prevent bucking at minimum diameter settings where Belt stress is more
- Firm-gripping-action in the contact areas provide positive traction for precise, immediate response
- Higher power transmission than regular Belts
- Longer service-life
- Facilitates smooth running without excessive vibrations
- Specific Belt-design for maximum longitudinal flexibility
- Temperature range: -25°C to +100°C

Application:

- For use on variable speed pulley drives requiring exact speed control and frequent speed changes. Belts are suited for recreational equipment, agricultural applications and machine tools.

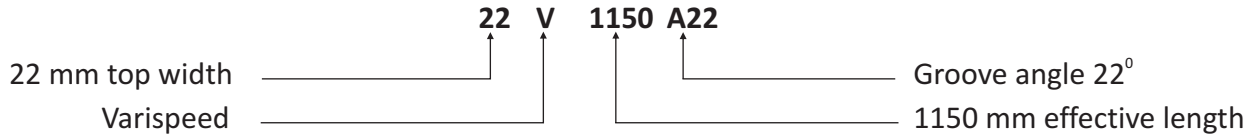
Nomenclature:

Cross sections nomenclature: 14 22 V 450 (Metric System)



Nomenclature:

Cross sections nomenclature : 22 V 1150 A22 (S.I. System)



Product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch Length (mm)		Belt Length Factor		
				Min.	Max.	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
22V-A22/1422V	22.0	8.0	22	815.0	1920.0	15.0	35.0	50
30V-A22/1922V	30.0	10.0	22	920.0	3015.0	20.0	42.0	62
37V-A22/2322V	37.0	11.0	22	1036.0	3018.0	23.0	46.0	69
30V-A26/1926V	30.0	11.0	26	922.0	3018.0	23.0	46.0	69
46V-A26/2926V	46.0	13.0	26	1370.0	3198.0	27.0	55.0	82
51V-A26/3226V	51.0	13.0	26	1445.0	3375.0	27.0	55.0	82
40V-A30/2530V	40.0	15.0	30	1293.0	3198.0	30.0	65.0	95
51V-A30/3230V	51.0	16.0	30	1450.0	3380.0	33.0	67.0	100
70V-A30/4430V	70.0	18.0	30	1455.0	3385.0	37.0	77.0	114
64V-A36/4036V	64.0	18.0	36	1455.0	3385.0	37.0	77.0	114
70V-A36/4436V	70.0	18.0	36	1455.0	3385.0	37.0	77.0	114
76V-A36/4836V	76.0	19.0	36	1458.0	3388.0	39.0	81.0	120

(Reference standards: RMA IP 25/1991)

HG	16.5	8.0	26	715.0	5100.0	15.0	35.0	50.0
HH	20.4	10.0	26	720.0	5100.0	20.0	42.0	62.0
HI	25.4	12.7	26	727.0	5100.0	27.0	55.0	82.0
HJ	31.8	15.1	26	730.0	5100.0	30.0	65.0	95.0
HK	38.1	17.5	26	737.0	5100.0	37.0	77.0	114.0
HL	44.5	19.8	26	740.0	5100.0	40.0	82.0	122.0
HM	50.8	22.2	26	745.0	5100.0	45.0	90.0	135.0
HN	57.2	23.9	26	750.0	5100.0	50.0	100.0	150.0
HO	63.5	25.4	26	753.0	5100.0	53.0	106.0	159.0

(Reference standards: ISO 3410:1989 (E) / ASAE S211-4)

-	6.00 to 85.00	5.00 to 30.00	22 to 40	23.5" / 597mm	200" / 5080mm
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Length Designation: Li (inside length)

XFHP	9.65	5.59	36	600mm	3000mm
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XFHP V-Belts are suited for fractional horse power motors installed mainly in domestic appliances. It is a special category of Belts designed specifically for single-belt application with "fractional horsepower" (FHP) ratings. It offers the opportunity to achieve full operating power requirements with reduced energy consumption, a lower horsepower drive or both.

The cogs on the Belt are designed to perform around small diameter pulleys. Fractional horse power Belts are mainly used in home appliances, light duty machinery, blowers etc.

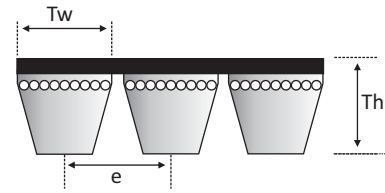
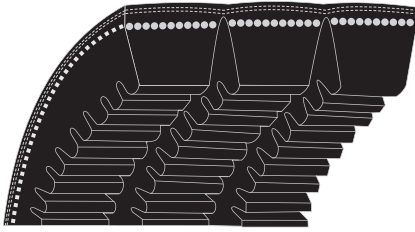
Note:

- Raw Edge Plain and Raw Edge Laminated Belts can be made available upon request.
- These sizes are indicative & denote minimum & maximum range. For intermediate sizes please contact us at "info@pixtrans.com".

Product label:



PIX-DuraBand®-XR: Banded Belts



Features:

- Enhanced power transmission capacity up to 25%
- Lesser number of Belts required as compared to multiple single-Belt drive
- High adhesion strength between tie band and the Belts
- Eliminates chances of mismatch in length as observed in multiple single-Belt drive
- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available
- Manufactured through single-stage curing process
- Temperature range: -25°C to +100°C

Application:

Best suited for drives with severe vibrations, vertical shaft drives, V-flat drives, agricultural drives, stone crushers, heavy duty compressors, generator sets, pumps, cold forging machines & mining equipment

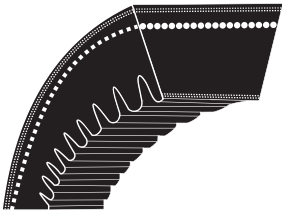
Product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Manufacturing Range		Length Designation
					Min. (inch/mm)	Max. (inch/mm)	
HAX	13.0	10.0	36	15.9	23.5 / 597	200 / 5080	Li
HBX	17.0	13.0	36	19.0	23.5 / 597	200 / 5080	Li
HCX	22.0	16.0	36	25.5	23.5 / 597	200 / 5080	Li
HXPZ	10.0	10.0	36	12.0	600 mm	5080 mm	Lp
HXPA	13.0	12.0	36	15.0	600 mm	5080 mm	Lp
HXPB	17.0	16.0	36	19.0	600 mm	5080 mm	Lp
HXPC	22.0	20.0	36	25.5	600 mm	5080 mm	Lp
H3VX	9.70	10.0	36	10.3	23.5 / 597	200 / 5080	La
H5VX	15.8	16.0	36	17.5	23.5 / 597	200 / 5080	La

Product label:



PIX-FRAS®-XR: Fire Resistant Antistatic Belts



Certain applications in coal mines and sensitive petro chemical installations require V-Belts with fire resistant properties in addition to be antistatic. PIX FRAS V-Belts are suitable for such applications. The construction of FRAS Belts is thoroughly tested during and after manufacture, to comply with all aspects of IS-2494 Part - II & BS-3790. FRAS Belts are also certified by ATEX.

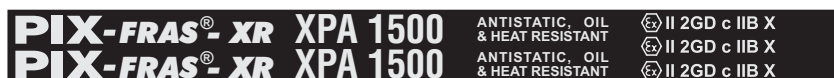
Features:

- Conforms to: II 2GD c IIB X (Test report no. IB-03-4-934) - ATEX
- Temperature range: -25°C to +100°C
- Ensures high level of protection against fire hazards
- Fire resistance test results of flame & glow time period is lower than the desired 5 seconds, maximum time as per BS 3790 standard
- ATEX values for electrical resistance are approximately 10-15 times more stringent than ISO 1813, leading to a more safer drive
- Resistance to emit inflammable substances while in operation
- Damage free and crack resistance properties to ensure smooth operation
- Longer service life
- Dimensional stability
- Antistatic, oil and heat resistant

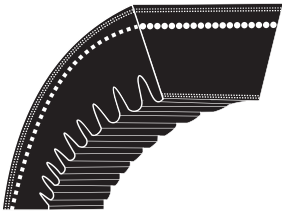
Product range:

Sections: ZX, AX, BX, CX, XPZ, XPA, XPB, XPC, 3VX, 5VX, 8VX

Product label:



PIX-Thermal®-XR: High Temperature Belts



Features:

- High temperature resistant
- Longer service life
- Crack & damage free in high temperature applications
- Temperature range: -35°C to +130°C

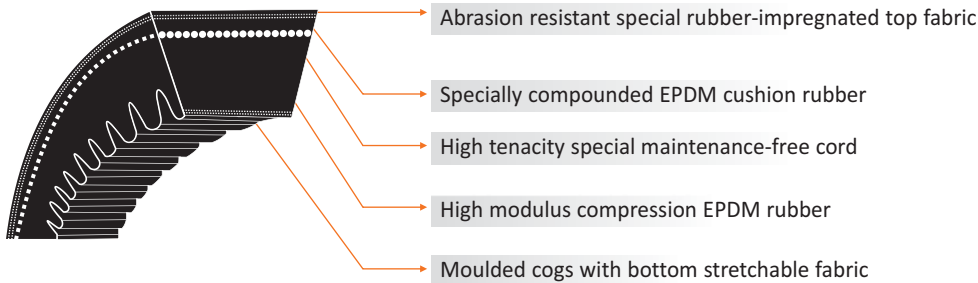
Product range:

Sections: AX, BX, CX, XPZ, XPA, XPB, XPC, 3VX, 5VX, 8VX

Product label:

PIX-THERMAL® - XR XPA 1500	ANTISTATIC, OIL & HEAT RESISTANT	EPDM
PIX-THERMAL® - XR XPA 1500	ANTISTATIC, OIL & HEAT RESISTANT	EPDM

PIX-MUSCLE®-XR3: High Power, Maintenance-Free Belts



Features:

- Exceptionally high power rating - up to 40% more than conventional standard V-belt
- High transmission efficiency up to 98% providing optimum output
- Maintenance free property of the belt ensures less machine downtime and an extended service life
- Complies with ISO 1813 - having antistatic property
- Temperature range from -35°C to +130°C allows the belt to perform even at increasing ambient temperatures
- Space saving potential - Lesser number of belts required, results into a compact drive
- REACH & RoHS compliant provides an eco-friendly system
- High dimensional stability resulting the best wedging effect between the belt and the pulley flanges
- Increased performance due to the engineered belt design
- Smooth running operation
- Minimal belt tension loss

Constructional features:

- The rubber impregnated top fabric is resistance to top layer cracking and abrasion. It also protects the Belt from deteriorating environmental effects
- The adhesion layer ensures best possible bond between the tension cord and the rubber impregnated fabric top surface that provides longer service without cord separation
- The maintenance free cord significantly resist elongation as well as provides excellent tensile strength
- High modulus compression EPDM rubber facilitates increased power transmission, superior transverse stiffness and high wear resistance
- Moulded cogs for better flexibility, to operate even over small diameter pulleys at speed. The cogs also help in reducing the bending stress apart from providing the higher surface area for proper heat dissipation

PIX-MUSCLE®-XR3: High-Power, Maintenance-Free Belts

Product range:

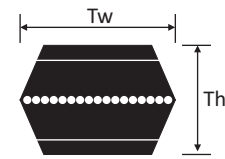
Section	Manufacturing Range		Length Designation
	Min. inch/mm	Max. inch/mm	
XPZ	25 / 630	118 / 3000	Lp
XPA	29 / 745	118 / 3000	Lp
XPB	35 / 900	118 / 3000	Lp
XPC	39 / 1000	118 / 3000	Lp
3VX	24.5 / 622	118 / 2997	La
5VX	35.5 / 902	118 / 2997	La

Application:

- Wire rope manufacturing industry
- Steel industry
- Power plants
- Textile industry
- Pharmaceutical Industry
- Food processing units

Product label:



PIX-DUO®-XR: Hexagonal Double Cogged Belts**Features:**

- Increased power transmission capacity up to 20%, compared to corresponding wrapped Hexagonal section
- Energy saving Belts, offers reduction in electricity consumption from 8% to 10%, depending upon the drive condition
- Hexagonal design allows optimal sidewall contact, while remaining flexible enough for the applications that require power transmission from both the sides
- Capacity to absorb flex fatigue and bending stresses
- Suitable for applications involving rotation and reversal on drive shafts
- Belt design provides proper cord support and full contact with the pulley groove for equal load distribution, uniform abrasion resistance resulting into enhanced durability and performance
- Resistance to oil, heat and antistatic
- Temperature range: -25°C to +100°C
- Reduced slippage
- Enhanced life

Constructional Features:

There are few applications which require the Belt to run in clockwise & anti-clockwise directions in the same plane. Moreover, the drive needs the Belt to reverse-bend on some pulleys.

Hexagonal cogged Belts are the best option in such applications, sufficing the need of serpentine drives. The double sided raw edge cogged construction largely enhances the flexibility of the Belts facilitating its use in extreme reverse-bend multiple pulley drive systems.

The tension member placed at the neutral axis of this Belt provides low stretch properties and the Belt is not subjected to any other forces, unlike normal V- Belts. Furthermore, the cogged profile on both sides substantially reduces the temperature of the drive during operation.

PIX-DUO®-XR: Hexagonal Double Cogged Belts

Product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Diameter (mm)	Manufacturing Range	
					Min. inch/mm	Max. inch/mm
AAX	13.0	10.0	36	70	39.5 / 1003	90.5 / 2300
BBX	17.0	14.0	36	100	29.5 / 749	98 / 2489

Length Designation: Li (inside length)

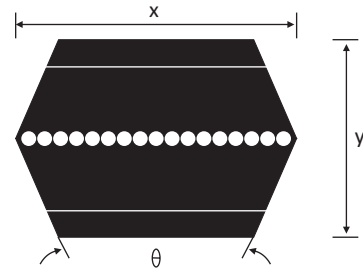
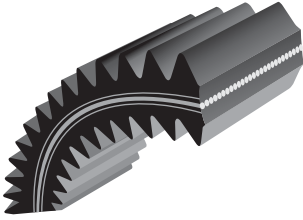
Application:

- Rice mills, textile units, industrial serpentine drives
- Other industrial applications using multiple pulleys, small diameter, high speed, sharp bend etc.

Product label:



PIX-DUO®-XV: Double Cog Variable Speed Belts



Features:

- Reduced bending stress allows the Belt to transmit maximum power on smaller pulley diameters
- Cog profile on both the sides provide excellent flexibility, facilitating longer service life
- Excellent drive performance even at elevated temperatures, the spacing between the cogs facilitates better heat dissipation
- Tension member placed at the neutral axis of this Belt provides low stretch properties
- Smooth functioning as a result of transverse rigidity, greater toughness & superior finish
- Robust construction helps superior power transmission capacity
- Wear resistant sidewalls to provides the best wedging effect and higher efficiency
- Equipped to withstand flexing action, resistant to fatigue and reduce slippage, facilitates smooth performance at extremely high varying loads and rpm
- Superior resistance to oil, heat and are also antistatic
- Temperature range: -25°C to +100°C

Product range :

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Diameter (mm)	Manufacturing Range	
					Min. inch/mm	Max. inch/mm
	13.0 - 85.0	10.0 to 30.0	22 to 40	-	23.5 / 597	200 / 5080

Length Designation: Li (inside length)

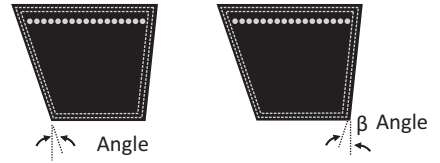
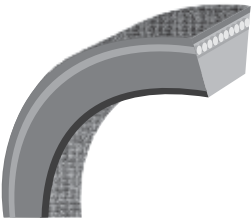
Application:

- Adjustable speed drives
- Textile machinery - spinning application
- Agricultural machinery - Harvester combines
- Snowmobiles

Product label:

PIX-DUO® - XV	XX62x22I-1755 Li	ANTISTATIC, OIL & HEAT RESISTANT
PIX-DUO® - XV	XX62x22I-1755 Li	ANTISTATIC, OIL & HEAT RESISTANT
PIX-DUO® - XV	XX62x22I-1755 Li	ANTISTATIC, OIL & HEAT RESISTANT

PIX-ASYMMETRA®: Asymmetric Belts





Asymmetric Belts are used in torque converter systems. They are generally used in high performance applications including golf-karts, snowmobiles, mini-bikes, material handling and Industrial equipment

Features:

- Best suited for torque converter systems
- Higher lateral rigidity
- Greater toughness
- Longer life
- Excellent shock absorbing capacity
- Temperature range: -25°C to +100°C

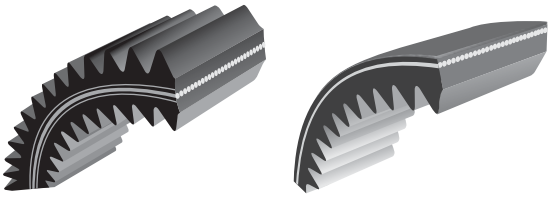
Product range :

Top Width (mm)	Thickness (mm)	 α Angle	 β Angle	Manufacturing Range (mm)		Length Designation
				Min.	Max.	
16.0	10.0	18	2	680	2240	La
19.0	10.0	18	2	680	2240	La

Product label:



PIX-WHITEKNIGHT®: Snowmobile Belts



Features:

- Excellent performance in applications using high horse-power loads
- Kevlar® cord for extended service life
- Can withstand temperatures up to -40°C
- Reduced slippage
- Available in single and double cog profile
- Temperature range: -40°C to +100°C

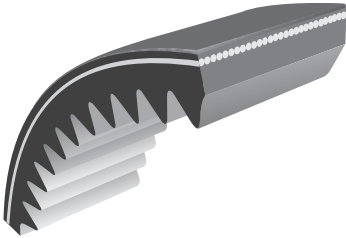
Product range:

HD / HDX / XDX Series

Product label:

PIX-WHITE KNIGHT® - XV PART NO.
PIX-WHITE KNIGHT® - XV PART NO.

PIX-PowerTex®-XV2: Textile Machinery Belts



Construction:

- CR impregnated cotton - polyester blended top fabric jacketing
- Specially compounded cushion rubber
- High modulus low stretch highly flexible tension member
- Fiber filled Polychloroprene base compound
- Molded cogs for better flexibility

Features:

- Designed for spinning mills to operate the spindles at up to 20000 rpm
- Designed to meet high power transmission requirement observed in textile mills, up to 60 kW
- Higher power transmission capacity
- Excellent performance and customer satisfaction by offering energy saving
- PIX-PowerTex® Variable speed Belts are used in applications involving varying speed controls. The special Belt structure offers smooth performance at high dynamic loads, superior power transmission capability, good speed control characteristics and an augmented Belt life
- Temperature range: -25°C to +100°C

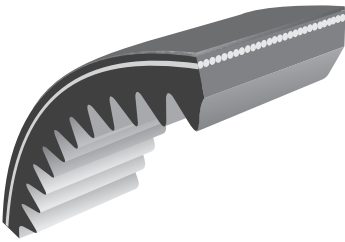
Product range :

Section	Length Designation
X62x22I-K-1745	Li
X70x22I-K-1700	Li
X70x22I-K-1800	La
X70x30I-K-1810	La

Product label:

PIX-PowerTex® - XV2	62x22x1745	Li	ANTISTATIC, OIL & HEAT RESISTANT
PIX-PowerTex® - XV2	62x22x1745	Li	ANTISTATIC, OIL & HEAT RESISTANT
PIX-PowerTex® - XV2	62x22x1745	Li	ANTISTATIC, OIL & HEAT RESISTANT
PIX-PowerTex® - XV2	62x22x1745	Li	ANTISTATIC, OIL & HEAT RESISTANT

PIX-HARVESTER®-XV: Agricultural Belts



Features:

- Specially designed for application with outside idlers
- Highly flexible, suitable for small pulley diameters
- Higher power transmission than regular Belts
- Excellent performance under variable load conditions
- Temperature range: -25°C to +100°C

Product range:

Sections: 22V-A22/1422V, 30V-A22/1922V, 37V-A22/2322V, 30V-A26/1926V, 46V-A26/2926V, 51V-A26/3226V, 40V-A30/2530V, 51V-A30/3230V, 70V-A30/4430V, 64V-A36/4036V, 70V-A36/4436V, 76V-A36/4836V, HG, HH, HI, HJ, HK, HL, HM, HN, HO

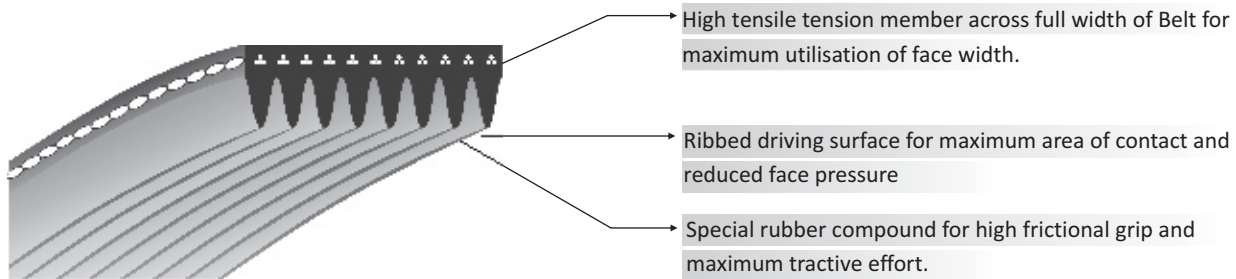
Also available in Double cog construction

Product label:



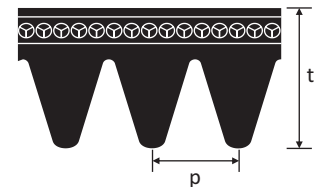
Ribbed / Poly V-Belts (RMA/MPTA IP-26)

V-Ribbed Belts, also termed as Poly V-Belts, can be described as flat cord-reinforced transmission Belts with triangular shaped ribs running along its length with an angle of 40°. The construction facilitates an excellent support to all cords in the reinforcement and therefore an even load distribution is achieved.



Features:

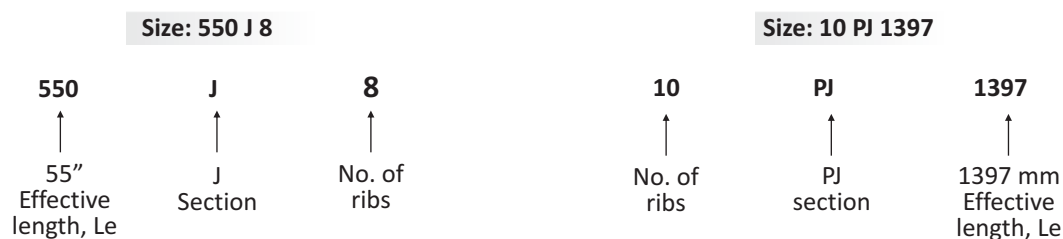
- Excellent flexibility with higher power carrying capacity per unit width
- Low stretch
- Temperature range: -25°C to +100°C
- Speed ratios over 1:30 are possible
- Maximum recommended Belt speed is 50 m/sec
- Only five sections cover a power range from 0.1 kW up to more than 600 kW
- Combines the advantages of flat Belts and of V-Belts
- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available
- Noise free



Product range:

Section	Thickness "t"(mm)	Rib Pitch "p"(mm)	Number of Ribs	Min. Pulley Diameter (mm)	Manufacturing Range (mm)		Length Designation
					Min.	Max.	
PH	2.9	1.60	2 to 280	13.0	356	3000	Le
PJ	3.8	2.34	2 to 235	20.0	280	5080	Le
PK	4.5	3.56	2 to 150	50.0	280	5080	Le
PL	7.6	4.70	2 to 110	75.0	500	5080	Le
PM	13.3	9.40	2 to 52	180.0	950	5080	Le

Size designation:



Application:

The smallest profile 'PH' is used in miniature drives and the immediate next 'PJ' section is used in household appliances. Section 'PK' is mainly used in automotive engines but it is also used in industrial applications to some extent, while the larger profiles 'PL' and 'PM' are used in industrial and agricultural applications.

The application includes:

- House-keeping electrical appliances: Dryers, health-keeping equipment
- Work tools: Harvester combines, power driven sprayers and engines used in work tools
- Machine tools: N C lathes, milling machines, drilling and grinding machines
- Industrial machines: High speed printing machines, flour grinders, agitators, air blowers, generators, P U compressors
- Other applications: Broadcasting equipment drives & hovercrafts

Product label:

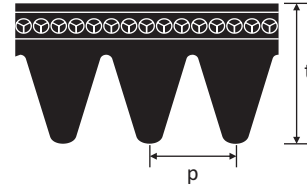
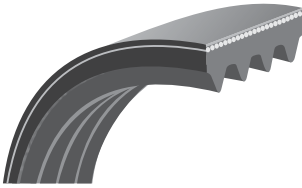


Abbreviations:

t: Thickness

p: Pitch

PIX-FRAS®-XC: Fire Resistant Antistatic Belts



There are applications where it is necessary to use fire resistant Belts in addition to being antistatic, in coal mines and petrochemical installations. It is recommended to use Fire Resistant Antistatic Belts (FRAS) for such applications.

The construction of FRAS Belts is thoroughly tested during and after manufacture, to comply with all the aspects of IS-2494 Part - II & BS-3790. FRAS Belts are also certified by ATEX.

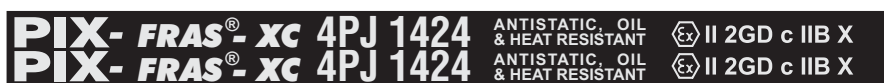
Features:

- High level of protection against fire hazards
- Fire resistance test results of flame & glow time period are lower than the desired maximum time as per standard
- ATEX values for electrical resistance are more stringent than ISO 1813, leading to a more safer drive
- Does not emit inflammable substances, while in operation
- Damage free and resistant to cracks
- Longer service life
- Temperature range: -25°C to +100°C
- High dimensional stability
- Antistatic, oil and heat resistant

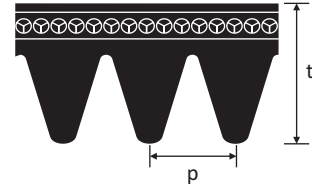
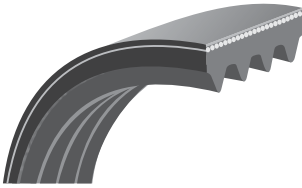
Product range:

Section	Thickness "t" (mm)	Rib Pitch "p" (mm)	Minimum Pulley Diameter (mm)	Manufacturing Range (mm)		Number of Ribs	Length Designation
				Min.	Max.		
PJ	3.8	2.34	20.0	280	5080	2 to 235	Le
PK	4.5	3.56	50.0	280	5080	2 to 150	Le
PL	7.6	4.70	75.0	500	5080	2 to 110	Le
PM	13.3	9.40	180.0	950	5080	2 to 52	Le

Product label:



PIX-THERMAL[®]-XC: High Temperature Belts



There are certain applications where the ambient temperature of the drive is consistently on a higher side. In keeping pace with the high temperature requirement, the Belts need to be resistant to deteriorating effects of high temperature environment.

PIX-THERMAL[®] series Belts are recommended for such applications.

Features:

- Temperature range: -35°C to +130°C
- High temperature resistant
- Longer service life
- Resistant to crack and damage, even at high temperature
- Higher power transmission capacity compared to regular Belts
- Sections: PJ, PK, PL

Product range:

Section	Thickness "t"(mm)	Rib Pitch "p"(mm)	Minimum Pulley Diameter (mm)	Manufacturing Range (mm)		Number of Ribs	Length Designation
				Min.	Max.		
PJ	3.8	2.34	20.0	280	5080	2 to 235	Le
PK	4.5	3.56	50.0	280	5080	2 to 150	Le
PL	7.6	4.70	75.0	500	5080	2 to 110	Le

Product label:

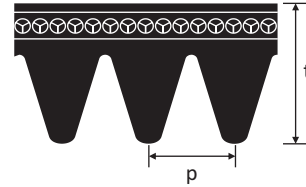
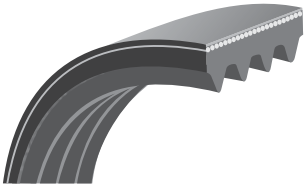


Abbreviations:

t: Thickness

p: Pitch

PIX-ELASTO®-XC: Elasticated Belts



As the name suggests the Belts offer elasticity, these Belts are used in the application where elasticity is a must, for example in washing machines.

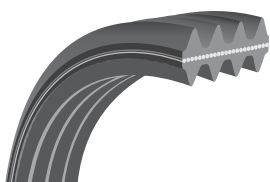
Product range:

Section	Thickness "t"(mm)	Rib Pitch "p"(mm)	Min. Pulley Dia. (mm)	Manufacturing Range (mm)		Number of Ribs	Length Designation
				Min.	Max.		
EL-PJ	3.8	2.34	20.0	280	2240	2 to 20	Le

Product label:



PIX-Duo[®]-XC: Double Sided Belts



Construction:

Tension member: High tensile strength tension member across full width of the Belt facilitating maximum utilization of the face width

Ribbed surface: Triangular-shaped ribs on both sides of the Belt for maximum area of contact

Polychloroprene rubber: Special rubber compound to ensure high frictional-grip

Features:

- Temperature range: -25°C to +100°C
- Extremely flexible, reduced bending stress, suitable for smaller diameter pulley
- Optimal performance even at high speeds
- Ensures noise-free operation
- Increased contact surface area
- Efficient power transmission
- Superior durability
- Antistatic, oil and heat resistant
- Compact drives
- Used on the drive with pulleys rotating in both clockwise and anticlockwise directions
- Transmit the power from both the sides of the Belt

Product range:

Section	Manufacturing Range (mm)		Number of Ribs
	Min.	Max.	
DPK	1195	3105	2 to 13
DPL	1200	3105	2 to 11
22DPL	1500	3000	22

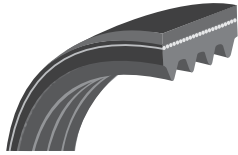
Application:

- Next-gen compact auto engines, aero engines
- Food industry - wafer processing system, doughing
- Auxiliary equipment of automobiles, tractors and other internal-combustion engines
- Textile machinery

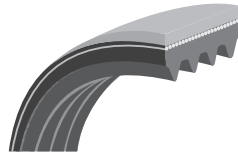
Product label:

PIX-Duo[®]-XC 6DPK1195

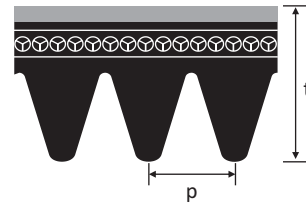
PIX-TopCoat®-XC: Top Coat Poly V-Belts



Shore hardness: 45
(Red Colour)



Shore hardness: 50
(Coral Colour)



Construction:

- Specially compounded coloured top-rubber
- Polychloroprene cushion rubber
- Polyester tension member
- Ribbed driving surface

Features:

- Belts with top-profile-rubber
- Top-profile-rubber provides excellent cushioning coupled with elasticity
- Excellent flexibility prevents the formation of cracks or tearing-off while in use
- Premium friction, suitable for providing proper support the to contact material
- Abrasion resistant
- Top profile thickness range: 1.5, 3, 6, 8 & 10mm
- Temperature range: -18°C to +80°C

Product range:

Section	Manufacturing Range (mm)		Number of Ribs
	Min.	Max.	
PJ	700	2000	Up to 36
PK	700	2000	Up to 24
PL	700	2000	Up to 18

Note

- Belt selection should be done based on the application, the temperature & the top coat hardness needed

Application:

FFS (Form-fill & seal) machines, bakery, paper & printing, soaps & cosmetics, cables and plastic tube-drawing, bottling plants etc

Product label:

PIX-TopCoat®-XC 12PL 1550 - MFO
PIX-TopCoat®-XC 12PL 1550 - MFO
PIX-TopCoat®-XC 12PL 1550 - MFO

Timing / Synchronous Belts

Timing Belts or Synchronous Belts are meant for precision. They are lighter, less expensive and operate more quietly. Timing Belts are synthetic rubber strap that contains cords for strength. It has teeth moulded onto its inner surface to prevent slipping, which fits into the pulley grooves. Timing Belt drive is not considered as a substitute or a replacement to other modes of Belt drives.

These Belts exhibit important properties such as fixed speed ratio, no re-tensioning after installation, low maintenance with wide variety of power transmission capacities and drive speeds.

Timing belts use teeth that mesh with grooves in a pulley to drive the system in synchronous manner. There is no slippage, which will cause speed variations, allowing drives to be timed very accurately. The tensile cord has minimal stretch, so the constant need for take-up adjustment is eliminated.

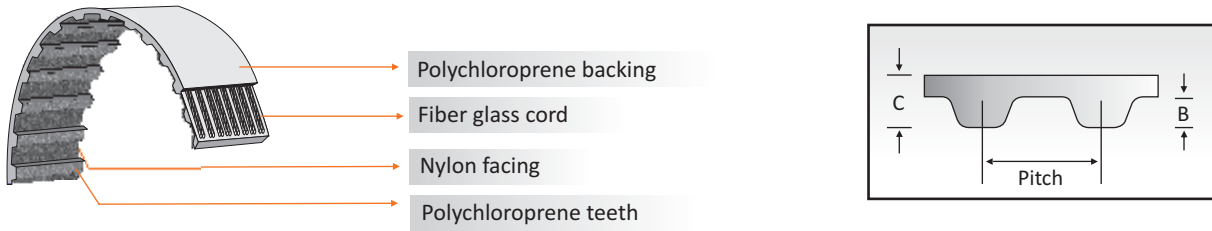
Timing drives work over a very wide range of speed and torques. Torque range varies from very light-duty office equipment to heavy duty crushing equipment up to several hundred kW.

Timing Belts enables it to be used in positive drive resulting in precise movement of drive components.

They are offered in three different teeth profiles;

- Classical Timing Belts
 - High Torque Drive (HTD) Belts and
 - Super Torque Drive (STD) Belts
-
- The Classical Timing Belt has trapezoidal teeth profile, HTD has curvilinear or spherical teeth profile and STD has modified curvilinear teeth profile.
 - Due to difference in teeth profile as well as in their torque transmitting capability, these Belts cannot be interchanged.
 - HTD Timing Belts are used in application where high torque is to be transmitted from one shaft to another and classical timing Belts for precise displacement with relatively light duty application.
 - STD profile is used in application where high torque is to be transmitted with precision indexing.
 - Temperature range: -25°C to +80°C

PIX-X'act® CT: Classical Timing Belts



Construction:

- The Belt backing and teeth are made up of strong polychloroprene rubber; it protects the cord from oil, grease, moisture and gives a superior bonding effect
- Fiber glass cords are used as a tensile member providing high tensile strength, excellent flex life and high resistance to elongation
- The teeth are covered with specially-woven stretchable fabric, which is high wear resistant

Standard: Conforms to BS 4548 / ISO 5296

Product range:

Section	Pitch (mm)	Tooth Height "B" (mm)	Belt Thickness "C" (mm)	Manufacturing Range	Length Designation
MXL	2.032	0.59	1.14	21MXL to 1771MXL	Lp
XXL	3.175	0.76	1.52	50XXL to 219XXL	Lp
XL	5.080	1.27	2.30	44XL to 2128XL	Lp
L	9.525	1.91	3.60	67L to 2700L	Lp
H	12.700	2.29	4.30	145H to 2720H	Lp
XH	22.225	6.35	11.20	463XH to 2275XH	Lp
XXH	31.750	9.53	15.70	625XXH to 2000XXH	Lp

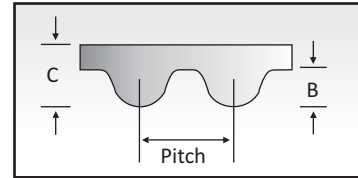
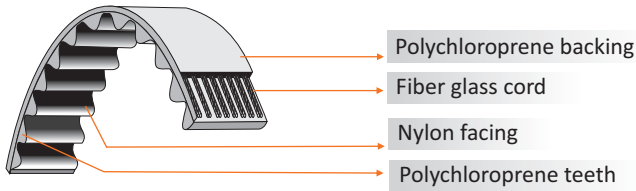
Product label:



Belt label description:

270 XL 025		
270	XL	025
↓	↓	↓
Pitch Length 27"	Section (Tooth pitch 5.080 mm)	Belt Width 0.25"

PIX-X'act® HTD: HTD Timing Belts



Construction:

- The Belt backing and teeth are made up of strong polychloroprene rubber, which protects the cords from oil, grease, moisture and also gives a superior bonding effect
- High strength fiber glass cords provide resistance to Belt elongation and stretch
- Specially-woven stretchable nylon fabric provides an excellent wear resistance
- Improved tooth design ensures better stress distribution and reduced tooth jump

Standard: Conforms to ISO 13050

Product range:

Section	Pitch (mm)	Tooth Height "B" (mm)	Belt Thickness "C" (mm)	Manufacturing Range	Length Designation
2M	2.00	0.76	1.36	52 2M to 750 2M	Lp
3M	3.00	1.17	2.40	60 3M to 6804 3M	Lp
5M	5.00	2.06	3.80	180 5M to 3750 5M	Lp
8M	8.00	3.48	6.00	184 8M to 6880 8M	Lp
14M	14.00	6.02	10.00	812 14M to 8120 14M	Lp

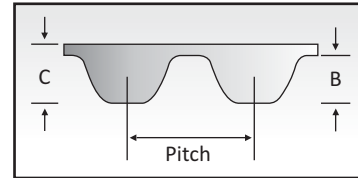
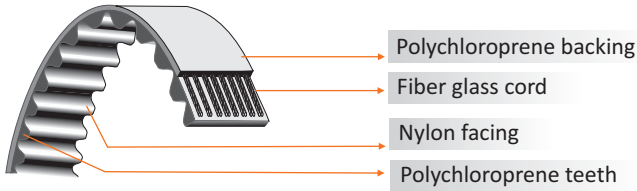
Product label:



Belt label description:

800 8M 30		
800	8M	30
↓	↓	↓
Pitch Length 800 mm	Section (Tooth pitch 8.0 mm)	Belt Width 30 mm

PIX-X'act® STD: STD Timing Belts



Construction:

- The Belt backing and teeth are made up of strong polychloroprene rubber. It protects the cords from oil, grease, moisture and also gives a superior bonding to the cords
- High strength fiber glass cords provide resistance to Belt elongation and stretch
- Specially-woven stretchable nylon fabric provides an excellent wear resistance
- Modified tooth design ensures proper meshing and facilitates reduced noise levels

Standard: Conforms to ISO 13050

Product range:

Section	Pitch (mm)	Tooth Height "B" (mm)	Belt Thickness "C" (mm)	Manufacturing Range	Length Designation
S 2M	2.00	0.76	1.36	S 2M 60 to S 2M 3700	Lp
S 3M	3.00	1.14	2.20	S 3M 120 to S 3M 6510	Lp
S 5M	5.00	1.91	3.40	S 5M 150 to S 5M 4000	Lp
S 8M	8.00	3.05	5.30	S 8M 376 to S 8M 6640	Lp
S 14M	14.00	5.30	10.20	S 14M 714 to S 14M 5012	Lp

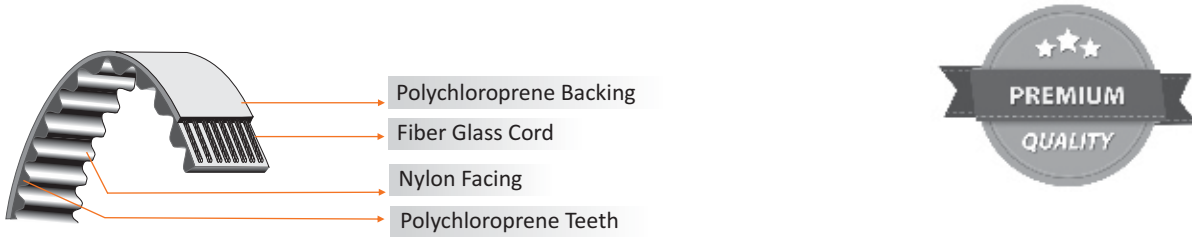
Product label:



Belt label description:

STD 150 S 5M 650		
STD 150	S 5M	650
↓	↓	↓
Belt Top Width 15 mm	Section (Tooth pitch 5.0 mm)	Pitch Length 650 mm

PIX-BRUTE®-XT: High Power Belts



Construction:

- **Polychloroprene backing:** The improved compound provides increased wear resistant surface for protection against oil, grease, moisture also giving best support to the tensile cord
- **Fiber glass cords:** The tension member ensures higher tensile strength and minimal elongation
- **Polychloroprene teeth:** The accurately spaced specially compounded polychloroprene teeth ensures smooth meshing with pulley sprockets; providing lowest friction, tooth wear & deformation
- **Nylon facing:** The tough fabric protects teeth from wear & cracking, provides the best stretch, lower friction, lower noise levels leading for a longer service life

Features:

- Enhanced power rating up to 50% more than the regular Timing Belts
- High performance Belts, used especially for heavy loads and high speeds drives
- Quiet performance
- Premium friction, suitable for providing proper support to the contact material
- Highly flexible and provides dimensional stability
- Increased operational efficiency and the Belt life
- Compact design, lower operational costs
- Free from maintenance
- Temperature range: -25°C to +100°C

Product range:

Section	Pitch (mm)	Tooth Height "B" (mm)	Belt Thickness "C" (mm)	Manufacturing Range	Length Designation
5M	5.00	2.06	3.80	300 5M to 2250 5M	Lp
8M	8.00	3.48	6.00	344 8M to 4400 8M	Lp
14M	14.00	6.02	10.00	966 14M to 4578 14M	Lp
S5M	5.00	1.91	3.40	S5M 350 to S5M 2525	Lp
S8M	8.00	3.05	5.30	S8M 376 to S8M 2848	Lp

PIX-BRUTE®-XT: High Power Belts

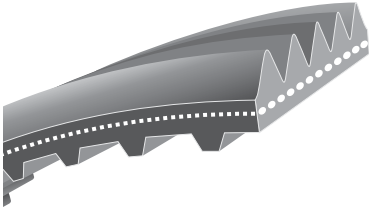
Application:

Food processing, packaging, paper machines, printing machines, robotic equipment, conveyors, office equipment, medical equipment.

Product label:



PIX-Brawn®-XT: Timing + Poly V-Belts



Construction:

- Special rubber compound to ensure high frictional grip
- Ribbed driving surface for maximum area of contact
- Specially treated Aramid tension member to maintain tension and resist stretch as required in non-adjustable centre distances. The tension member provides high tensile strength, excellent flex life and high resistance to elongation
- Specially compounded teeth to protect the Belt from oil, grease, moisture etc and also gives superior bonding to the cords
- Specially treated nylon stretchable fabric reduces friction and provides outstanding resistance to abrasion and heat. It also protects the teeth from any damage

Standard: PIX Proprietary

Reference standards: RMA / MPTA IP-26, BS 4548, ISO 13050

Features:

- Combines the advantages of Synchronous and Poly V-Belts
- Transverse teeth for positive engagement on one side and longitudinal ribs for non-synchronous frictional transmission on the other side
- Suitable for multi-shaft transmission with reversed rotary directions of pulleys
- Antistatic, oil and heat resistant
- Noise-free transmission
- Temperature range -25°C to +100°C

Product range: 8M & S8M timing sizes with PK & PL Poly sections. Other sizes are available on request.

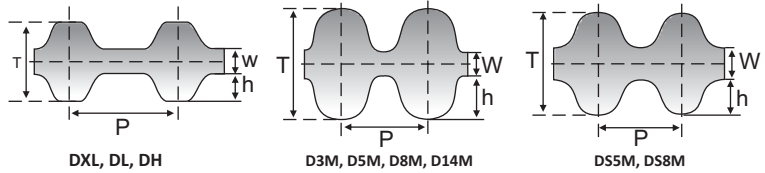
Application: Flour & rice mills, food grain industry

Product label:

PIX-BRAWN®-XT 2240 8M-K (6PK-PT) 21.36
PIX-BRAWN®-XT 2240 8M-K (6PK-PT) 21.36

DO NOT FOLD
TWIST OR CRIMP
DO NOT FOLD
TWIST OR CRIMP

PIX-Duo®-XT: Double Sided Timing Belts



Construction:

PIX Double Sided Timing Belts are specially designed with teeth on the both sides to provide positive engagement and for synchronized power transmission capacity. These Belts offer alternative solutions to gears & roller chains with multi pulley and reverse rotation drives.

Features:

- Power transmission capacity from both sides of the Belt, recommended for serpentine drives
- Highly flexible Belt with excellent load carrying capacity
- Belt design gives extended stability, durability, strength and life
- Maintenance free and therefore less downtime
- Highly resistant to elongation
- Quiet and smooth running
- Temperature Range: -25°C to +80°C

Product range:

Section	Pitch 'P' (mm)	Tooth Height 'h' (mm)	Belt Thickness 'T' (mm)	Manufacturing Range	Length Designation
DA-XL	5.080	1.27	3.05	200 DA-XL to 580 DA-XL	Lp
DA-L	9.525	1.91	4.58	187 DA-L to 660 DA-L	Lp
DA-H	12.700	2.29	5.96	200 DA-H to 2720 DA-H	Lp
DA-3M	3.000	1.17	3.10	501 DA-3M to 1401 DA-3M	Lp
DA-5M	5.000	2.06	5.26	400 DA-5M to 2050 DA-5M	Lp
DA-8M	8.000	3.40	8.17	512 DA-8M to 4400 DA-8M	Lp
DA-14M	14.000	6.02	14.8	1400 DA-14M to 6860 DA-14M	Lp
DA-S5M	5.000	1.92	5.00	410 DA-S5M to 1420 DA-S5M	Lp
DA-S8M	8.000	3.05	7.50	512 DA-S8M to 6640 DA-S8M	Lp

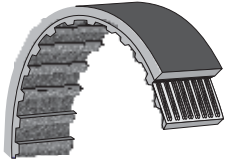
Application:

Applications with serpentine drives like in textile, paper packaging, printing industry. Other applications like, hand-held power tools, postage handling, food processors, office machines, money handling, medical diagnostic, ticket dispensers, robotics, vending machines & vacuum cleaners.

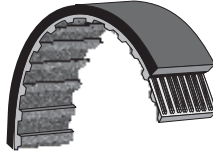
Product label:

PIX-Duo®-XT DA 975 5M 20
PIX-Duo®-XT DA 975 5M 20

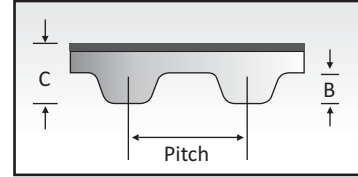
PIX-TopCoat®-XT: Top Coat Timing Belts



**Shore hardness: 55
(Magenta Colour)**



**Shore hardness: 70
(Black Colour)**



Features:

- Comprises of rubber top profile, which is application-specific
- The rubber top profile provides excellent cushioning coupled with extra elasticity
- Excellent flexibility eliminates cracking or tearing while in use
- Optimum friction, suitable for providing proper support to the contact material
- Vulcanised rubber top profile and the Belt to ensure excellent adhesion
- Belts are designed with abrasion resistance properties
- Longer life span
- Temperature range: -18°C to +80°C

Product range:

Sections: L, H & 14M sections

Top Profile Thickness (mm)	Top Width Range (mm)		Manufacturing Range
	Min	Max	
6.0	18.0	450	For L & H Sections - 530 to 2000 mm For 14 M Section - 966 to 1960mm
8.0	20.0	450	
10.0	25.0	450	

Note:

- Belt selection should strictly be done on the basis of temperature, top coat hardness & application.
- The range is extensive, but would recommend to cross check for a particular size in product range before placing the order.
- Other sections can be made available on request.

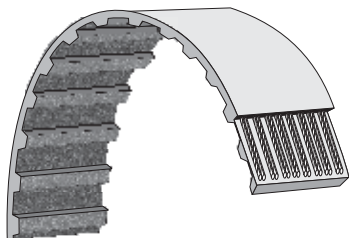
Application:

FFS (Form-fill & seal) machine, bakery, paper & printing, soaps & cosmetics, cables & plastic tube drawing, bottling plants etc

Product label:

PIX-TopCoat®-XT	225 L 100 - NFO	DO NOT FOLD TWIST OR CRIMP DO NOT FOLD TWIST OR CRIMP
PIX-TopCoat®-XT	225 L 100 - NFO	

PIX-X'pedient®-XT: Polyurethane Belts



Features:

- Polyurethane timing Belts are highly flexible with longitudinal toughness to ensure perfect tooth-meshing
- Eliminates dust generation or flaking while running; clean Belt
- Homogeneous throughout its cross section by virtue of thermo set moulding process
- Superior wear and abrasion resistance
- High resistance to oil, fat and grease
- Resistant to ageing, hydrolysis, UV and ozone effects
- Low vibration and reduced noise level
- Superior resistance to most of the acids and alkalis
- Temperature range: -30°C to +80°C (up to +110°C for a short period)

Standard: Conforms to DIN 7721

Product range:

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Designation
T5	5.0	1.20	2.20	120 T5 to 1955 T5	Lp
AT5	5.0	1.20	2.70	250 T10 to 3330 T10	Lp
T10	10.0	2.50	4.50	225 AT5 to 2000 AT5	Lp
AT10	10.0	2.50	4.50	250 AT10 to 2350 AT10	Lp

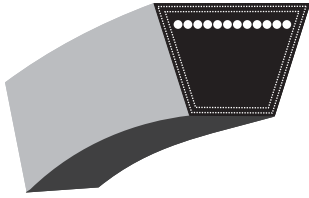
Application:

Office automation equipment, vending machines, machine tools and pumps, textile machines, paper manufacturing machines, printing machinery, medical equipment, optical instruments, food processing equipment, packaging machinery, robotics and plotters.

Product label:

PIX-X'pedient® - XT 660 T10 20
 PIX-X'pedient® - XT 660 T10 20
 PIX-X'pedient® - XT 660 T10 20

PIX-FORCE®: Automotive Wrap Construction Belts



Features:

- Excellent performance
- Abrasion resistant and offers smooth running
- Made up of high tensile polyester cords facilitating maximum power transmission
- Less deformation
- Minimum elongation
- Temperature range: -18°C to +80°C
- Conforms to BS AU 150b, SAE J 636, JASO E 107 & DIN 7753

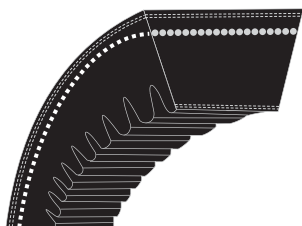
Product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range (mm)		Length Designation
				Min.	Max.	
9.5 / AV 10	9.50	8.0	40	375	4010	La
12.5 / AV 13	12.50	10.0	40	588	9130	La

Product label:

PIX-FORCE® AV10 850 La

PIX-FORCE®: Automotive Raw Edge Cogged Belts



Features:

- Best suited for next-generation high speed engines
- Cogged profile offers extra flexibility
- Offers higher power transmission on smaller pulley diameters
- Engineered and chemically treated modulus & low stretch tensile cords for higher loads without stretch
- Compounded for better grip and lateral rigidity
- Excellent resistant to oil and heat
- Suitable for HEMM (Heavy Earth-Moving Machinery) applications
- Conforms to BS AU 150b, SAE J 636, JASO E 107 & DIN 7753
- Temperature range: -25°C to +100°C

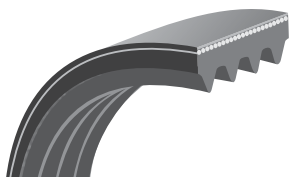
Product range:

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range (mm)		Length Designation
				Min.	Max.	
X9.5 / AVX10	10.0	8.0	36	600	5100	La
X12.5 / AVX13	13.0	10.0	36	600	5100	La
X10A	10.5	8.0	36	600	3000	Le
X11A	11.5	8.0	36	600	3000	Le
X13A	13.5	9.0	36	600	3000	Le
X15A	17.0	10.5	38	600	3000	Le
X17A	18.5	11.0	36	600	3000	Le
X20A	21.5	12.5	36	600	3000	Le

Product label:

PIX-FORCE® AVX13 1325 La
PIX-FORCE® AVX13 1325 La

PIX-FORCE®: Automotive Ribbed / Poly V-Belts



Features:

- Trapezoid faced ribs on a fiber reinforced rubber matrix for higher power transmission offering superior resistance to wear and tear, facilitating quiet running
- Reduced vibrations, shock absorber, low stretch and an excellent behaviour under heavy load conditions
- Extremely flexible, capable to work on small pulley diameters and serpentine drives
- Oil and heat resistant, longer service life, suitable for HEMM application
- Conforms to ISO 9981, 9982, RMA IP 26 standards
- Temperature range: -25°C to +100°C

Product range:

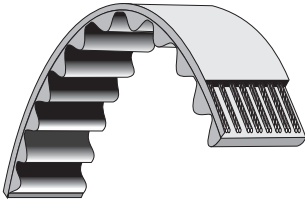
Section	Thickness "t"(mm)	Rib Pitch "p"(mm)	Min. Pulley Dia. (mm)	Manufacturing Range (mm)		Length Designation
				Min.	Max.	
PK	4.5	3.56	50	280	5080	Le

Note: Available in High temperature EPDM construction also.

Product label:

PIX-FORCE® 8PK 1422
PIX-FORCE® 8PK 1422

PIX-FORCE®: Automotive Timing Belts



Features:

- Trapezoidal tooth design for sections ZA, ZB and curvilinear tooth design for other sections
- Precisely formed and accurately spaced teeth facilitates smooth engagement with pulley grooves
- Fiber glass tensile cords provide strength, flex life and high resistance to elongation
- Durable backing protects against environmental pollution and friction wear
- Tough nylon surface protects the tooth surface
- Conforms to ISO 9010 / JASO E 105 / PIX Standard
- Temperature range: -25°C to +100°C

Product range:

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range
ZA	9.525	1.91	4.10	88 ZA, 104 ZA, 111 ZA
ZB	9.525	2.29	4.50	137 ZB
ZH	9.525	3.50	5.50	89 ZH, 129 ZH
PR	9.525	3.45	5.50	136 PR
PRM	9.525	3.37	5.50	97 PRM, 123 PRM
PRP	9.525	3.50	5.50	177 PRP, 185 PRP
YU	8.000	3.02	5.20	101 YU, 106 YU, 107 YU

* Available in High temperature HSN construction also.

Product label:



Free-set Concept

V-Belts have a tendency to shrink during storage because of the change in the climatic conditions. This shrinkage is a reversible process and PIX Free Set Belts would resume their original length upon fitment and after an initial run. The shrinkage does not affect the working performance of Free Set V-Belts.

Free Set Concept is applicable for industrial Belts which are produced in accordance with the standard BS 3790. Tolerances followed for PIX Free Set Belts are much more stringent than the "Matched Set Tolerances" given in the standard BS 3790.

Features:

- No length code
- Low variation in length tolerances
- Less center adjustment
- Low stretch
- Low variation in elongation within a set of Belts
- Even power transmission
- Longer life
- Longer maintenance intervals
- Lower inventory

PIX Free-set V-Belts

Nominal Length	Tolerance in length (mm)
Up to 1905 mm (75 inches)	± 1
Beyond 1905 mm (75 inches) Up to 3150 mm (124 inches)	± 2
Beyond 3150 mm (124 inches) Up to 5004 mm (197 inches)	± 3
Beyond 5004 mm (197 inches) Up to 8992 mm (354 inches)	± 4
Beyond 8992 mm (354 inches) Up to 16002 mm (630 inches)	± 6
Beyond 16002 mm (630 inches) Up to 22943 mm (903 inches)	± 8

PIX Free-set V-Belt tensioning:

PIX Free Set Belts are manufactured with exceptionally close Belt length tolerances, by virtue of the latest Belt manufacturing technology. Further the Belt length remains matched during storage and on the drive. You just have to install the Belts and tension them as per the procedure given on page no 133. Run the Belts under full load condition for about 24 hours. Stop the drive and re-check the tension. If necessary re-tension the Belts (Refer table A, page 134).

Drive design procedure for V-Belts

To obtain the best performance from a V-Belt drive, it is necessary to design the drive correctly. The procedure for the same is as follows.

Step:1 Calculate speed ratio (S_r)

$$\text{Speed Ratio } (S_r) = \frac{\text{r. p. m. of faster shaft (R)}}{\text{r. p. m. of slower shaft (r)}}$$

Step:2 Select service factor (K)

Service factor is obtained from Table1 on page 73

Step:3 Calculate design power (P_d)

Design Power (P_d) = Power(P) x Service Factor(K)

Step:4 Select Belt cross section

Belt cross section is obtained from charts I, II & III on pages 74 to 76. When the point of intersection falls on or near the dividing line, feasibility of both cross sections should be checked.

Step:5 Select pulley pitch diameters

Refer Tables 2 & 3 on pages 77 & 78 for selecting pulley pitch diameters. Try to avoid use of non standards pulleys but in some cases, it is necessary if the exact ratios are not covered by standard pulleys.

Step:6 Calculate Belt pitch length (L_p) & centre distance (C)

$$\text{Belt Pitch Length } (L_p) = 2C + 1.57(D+d) + \frac{(D-d)^2}{4C}$$

Where D & d are pitch diameters of larger & smaller pulleys respectively.

If the Belt Pitch Length comes in a fraction, use next standard length.

If there is a space constraint or center distance limitations, use the same calculated length. If so, exact center distance calculations are not required again.

Calculate the exact center distance by using the formula

$$C = A + \sqrt{A^2 - B}$$

Where, $A = \frac{L_p}{4} - 0.3925(D+d)$ and

$$B = \frac{(D-d)^2}{8}$$

Step:7 Determine power rating (P)

Refer power rating Tables from 4 to 26 on pages 79 to 113 for different Belt sections.

Power rating per Belt (P) = Rated power + Additional power for speed ratio

Step:8

Find arc of contact, correction factor (F_c) & pitch length correction factors (F_d)

Refer tables 27 & 28 on page 114 to 118 for arc of Contact Correction Factor & Belt Pitch Length Correction Factor respectively.

Step:9 Find number of Belts (N)

$$\text{Number of Belts (N)} = \frac{P_d}{P \times F_c \times F_d}$$

If the number of Belts comes in a fraction, use next whole number.

Step: 10 Summary

- 1) Smaller & larger pulley pitch diameters & number of grooves obtained.
- 2) Number of Belts with size & section obtained.

Note: Please refer page no.130 -133 for usage of PIX Digital Tension Meter and PIX V-Belt Tension Tester for calculating the Belt tension.

Drive design example (Wrap Classical Belts)

Condition 1: Prime mover A. C. motor; 45kW, 1450 r.p.m. (Driver)

Condition 2: Reciprocating pump, 1215 r.p.m., 18 hours per day

Condition 3: Approximate centre distance 1197 mm

STEPS	FORMULAE
Step: 1	Speed Ratio (S_r) = R/r
Step: 2	Service factor (K) from Table 1 on page 73
Step: 3	Design power (Pd) = $P \times K$
Step: 4	Belt cross section refer chart I on page 74
Step: 5	Pulley pitch diameters from Table 2 page 77
Step: 6	<p>Belt pitch length (Lp) & Centre dist. (c)</p> $L_p = 2C + 1.57(D + d) + \frac{(D - d)^2}{4C}$ $C = A + \sqrt{A^2 - B}$ $A = \frac{L_p}{4} - 0.3925(D + d)$ $B = \frac{(D - d)^2}{8}$
Step: 7	Power rating (P) = Rated power + Additional power for speed ratio from Table 9 on page 86-87
Step: 8	Arc of contact correction factor (Fc) from table 27 on page 114 and Power Correction Factors for Belt Pitch Length (Fd) from table 28 on page 115-118
Step: 9	Number of Belts (N) = $\frac{P_d}{P \times F_c \times F_d}$
Step: 10	<p>Summary:</p> <ol style="list-style-type: none"> Smaller pulley fitted to prime mover Larger pulley fitted to reciprocating pump Classical Belts required Centre Distance

CALCULATIONS
See above given conditions 1 & 2
$S_r = R/r = 1450/1215 = 1.19$
$K = 1.5$
$P_d = 45 \times 1.5 = 67.5 \text{ kW}$
Belt section indicated is "C"
$d = 335 \text{ mm}, D = 400 \text{ mm}$
$L_p = 2(1197) + 1.57(335+400) + \frac{(400 - 335)^2}{4 \times 1197}$
$L_p = 3549.71 \text{ mm}$
Standard $L_p = 3550 \text{ mm}$
$C = A + \sqrt{A^2 - B}$
$A = \frac{3550}{4} - 0.3925(335 + 400)$
$A = 887.5 - 288.48 = 599.01$
$B = \frac{(400 - 335)^2}{8} = 528.125$
$C = 599.01 + \sqrt{(599.01)^2 - (528.125)}$
$C = 1197.5 \text{ mm}$
$P = 20.62 \text{ kW} + 0.82 \text{ kW}$
$P = 21.44 \text{ kW}$
$F_c = 1.00$
$F_d = 0.98$
$N = \frac{65.5}{21.44 \times 1.00 \times .98} = 3.11 \text{ (say 3 Belts)}$
<ul style="list-style-type: none"> Smaller pulley of 335 mm pitch diameter with 3 grooves of "C" section. Larger pulley of 400 mm pitch diameter with 3 grooves of "C" section. 3 Belts of "C" section each of 3550 mm pitch length.

Drive design example (Wrap Wedge Belts)

Condition 1: Normal torque A. C. electric motor 75 kW, 1776 rpm (Driver)

Condition 2: Centrifugal pump 938 r.p.m., continuous running

Condition 3: Approximate centre distance 1750 mm

STEPS FORMULAE

Step: 1 Speed Ratio (S_r) = R/r

Step: 2 Service factor (K) from Table 1 on page 73

Step: 3 Design power (Pd) = $P \times K$

Step: 4 Belt cross section refer chart II on page 75

Step: 5 Pulley pitch diameters from Table 2 page 77

Step: 6 Belt pitch length (Lp) & Centre dist. (C)

$$L_p = 2C + 1.57(D + d) + \frac{(D - d)^2}{4C}$$

$$C = A + \sqrt{A^2 - B}$$

$$A = \frac{L_p}{4} - 0.3925(D + d)$$

$$B = \frac{(D - d)^2}{8}$$

Step: 7 Power rating (P) = Rated power + Additional power for speed ratio from Table 13 on page 93

Step: 8 Arc of contact correction factor (Fc) from table 27 on page 114 and Power Correction Factors for Belt Pitch Length (Fd) from table 28 on page 115-118

Step: 9 Number of Belts (N) = $\frac{P_d}{P \times F_c \times F_d}$

Step: 10 Summary:

1. Smaller pulley fitted to electric motor shaft
2. Larger pulley fitted to pump shaft
3. Wedge Belts required
4. Centre distance

CALCULATIONS

See above given conditions 1 & 2

$$S_r = R/r = 1776/938 = 1.89$$

$$K = 1.4$$

$$P_d = 75 \times 1.4 = 105 \text{ kW}$$

Belt section indicated is "SPC"

$$d = 375 \text{ mm}, D = 710 \text{ mm}$$

$$L_p = 2(1750) + 1.57(375 + 710) + \frac{(710 - 375)^2}{4 \times 1750}$$

$$L_p = 5219.48 \text{ mm}$$

$$\text{Standard } L_p = 5220 \text{ mm}$$

$$C = A + \sqrt{A^2 - B}$$

$$A = \frac{5220}{4} - 0.3925(710 + 375) = 1305 - 425.86 \quad A = 879.14$$

$$B = \frac{(710 - 375)^2}{8} = 14028.125$$

$$C = 879.14 + \sqrt{(879.14)^2 - (14028.125)}$$

$$C = 1750.26 \text{ mm}$$

$$P = 44.93 \text{ kW} + 3.92 \text{ kW} = 48.85 \text{ kW}$$

$$F_c = 0.99$$

$$F_d = 0.98$$

$$N = \frac{105}{48.85 \times 0.99 \times 0.98} = 2.22 \text{ (say 2 Belts)}$$

- Smaller pulley of 375 mm pitch diameter with 2 grooves of "SPC" section.
- Larger pulley of 710 mm pitch diameter with 2 grooves of "SPC" section.
- 2 Belts of "SPC" section each of 5220 mm pitch length.

Drive design example (Raw Edge Cogged Belts)

Condition 1: Prime mover A. C. motor; 75 kW, 1450 r.p.m. (Driver)

Condition 2: Reciprocating pump, 310 r.p.m., 18 hrs. per day

Condition 3: Approximate centre distance 900 mm

STEPS	FORMULAE
Step: 1	Speed Ratio (S_r) = R/r
Step: 2	Service factor (K) from Table 1 on page 73
Step: 3	Design power (Pd) = $P \times K$
Step: 4	Belt cross section refer chart II on page number 75
Step: 5	Pulley pitch diameters from Table 3, on page number 78
Step: 6	Belt pitch length (Lp) & Centre dist. (C) $L_p = 2C + 1.57(D + d) + \frac{(D - d)^2}{4C}$ $C = A + \sqrt{A^2 - B}$ $A = \frac{L_p}{4} - 0.3925(D + d)$ $B = \frac{(D - d)^2}{8}$
Step: 7	Power rating (P) = Rated power + Additional power for speed ratio from Table No. 25 on page nos.110 & 111
Step: 8	Arc of contact correction factor (Fc) from Table No. 27 on page 114 & Power Correction Factors for Belt Pitch Length (Fd) from Table No. 28 on page 115-118
Step: 9	Number of Belts (N) = $\frac{P_d}{P \times F_c \times F_d}$
Step: 10	Summary: 1. Smaller pulley fitted to prime mover 2. Larger pulley fitted to reciprocating pump 3. Cut Edge Cogged Belts required 4. Center distance

CALCULATIONS

See above given conditions 1 & 2
 $S_r = R/r = 1450/310 = 4.67$

$$K = 1.4$$

$$P_d = 75 \times 1.4 = 105 \text{ kW}$$

Belt section indicated is "XPB"

$$d = 125 \text{ mm}, D = 584 \text{ mm}$$

$$L_p = 2(900) + 1.57(584 + 125) + \frac{(584 - 125)^2}{4 \times 900}$$

$$L_p = 2972 \text{ mm}$$

$$C = A + \sqrt{A^2 - B}$$

$$A = \frac{2975}{4} - 0.3925(584 + 125)$$

$$= 743.75 - 278.28 \quad A = 465.47$$

$$B = \frac{(584 - 125)^2}{8} = 26335.125$$

$$C = 465.47 + \sqrt{(465.47)^2 - (26335.125)}$$

$$C = 902 \text{ mm}$$

$$P = 7.17 \text{ kW} + 1.03 \text{ kW}$$

$$P = 8.2 \text{ kW}$$

$$F_c = 0.98$$

$$F_d = 0.97$$

$$N = \frac{105}{8.2 \times 0.98 \times 0.97} = 13.47 \text{ (say 14 Belts)}$$

- Smaller pulley of 125 mm pitch diameter with 14 grooves of "XPB" section.
- Larger pulley of 584 mm pitch diameter with 14 grooves of "XPB" section.
- 14 Belts of "XPB" section each of 2975 mm pitch length 902 mm.

Table 1:
Service factors for Belt drives (See note 1)

Type of driven machine	Service factor						
	WORKING HOURS	SOFT START +			HEAVY START #		
		10 & Under	Over 10 to 16	Over 16	10 & Under	Over 10 to 16	Over 16
EXAMPLES							
Class 1 : LIGHT DUTY Agitators (uniform density), Blowers Exhausts & fans (up to 7.5 kw), Centrifugal compressors & pumps, Belt conveyors (uniformly loaded)		1.0	1.1	1.2	1.1	1.2	1.3
Class 2 : MEDIUM DUTY Agitators & mixers (variable density), Blowers, Exhausts & fans (over 7.5 kw), Rotary Compressors & pumps (other than centrifugal), Belt conveyors (not uniformly loaded), Generators & exciters, laundry machinery, line shafts, machine tools, printing machinery, saw mill & wood working machinery, screens (rotary).		1.1	1.2	1.3	1.2	1.3	1.4
Class 3 : HEAVY DUTY Brick machinery, bucket elevators, Compressors & pumps (reciprocating), conveyors (heavy duty), hoists, mills (hammer), pulverisers, punches, presses, shears, quarry plant, rubber machinery, screens (vibrating), textile machinery.		1.2	1.3	1.4	1.4	1.5	1.6
Class 4 : EXTRA HEAVY DUTY Crushers (gyratory jaw - roll) Mills (ball - rod - tube)		1.3	1.4	1.5	1.5	1.6	1.8

For Speed - Increasing drives of

- Speed ratio 1.00 to 1.24 : Multiply service factor by 1.00
- Speed ratio 1.25 to 1.74 : Multiply service factor by 1.05
- Speed ratio 1.75 to 2.49 : Multiply service factor by 1.11
- Speed ratio 2.50 to 3.49 : Multiply service factor by 1.18
- Speed ratio 3.50 & over : Multiply service factor by 1.25

+ e.g. Electric motors (a.c. start, delta start, d.c. shunt wound), internal combustion engines with four or more cylinders, all prime movers fitted with centrifugal clutches, dry or fluid couplings.

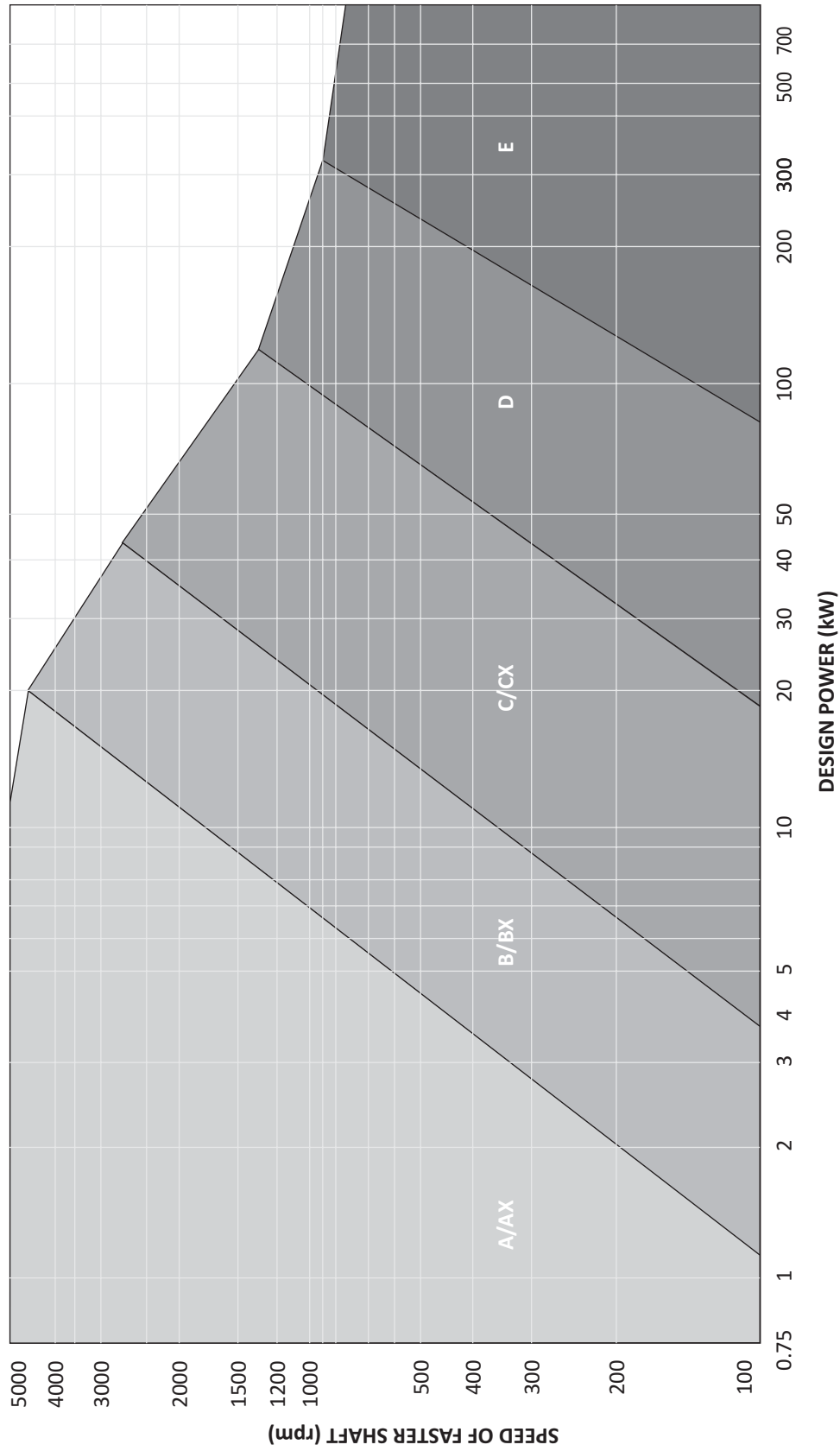
e.g. Electric motors (a.c. direct-on-line start, d.c. series & compound wound), internal combustion engines with less than four cylinders

Special Conditions

- 1) For reversing drives, except where high torque is not present on starting, add 20% to the factors
- 2) Idler pulley on slack side (internal), no addition to the factors.
- 3) Idler pulley on tight side (internal), add 0.1 to the factors.

Note 1: The service factors in Table 1 do not apply to light duty drives using Z or Y section Belts. In such cases, PIX Technical Services department should be consulted.

Note 2: The use of an idler pulley on the outside of Belt is not recommended.



Note: Z section Belts should be used for low power, small pulley diameter applications and should be selected only when the pulley diameters are smaller than the recommended minimum for A section Belts.

Chart I : Selection of V-Belt cross-section

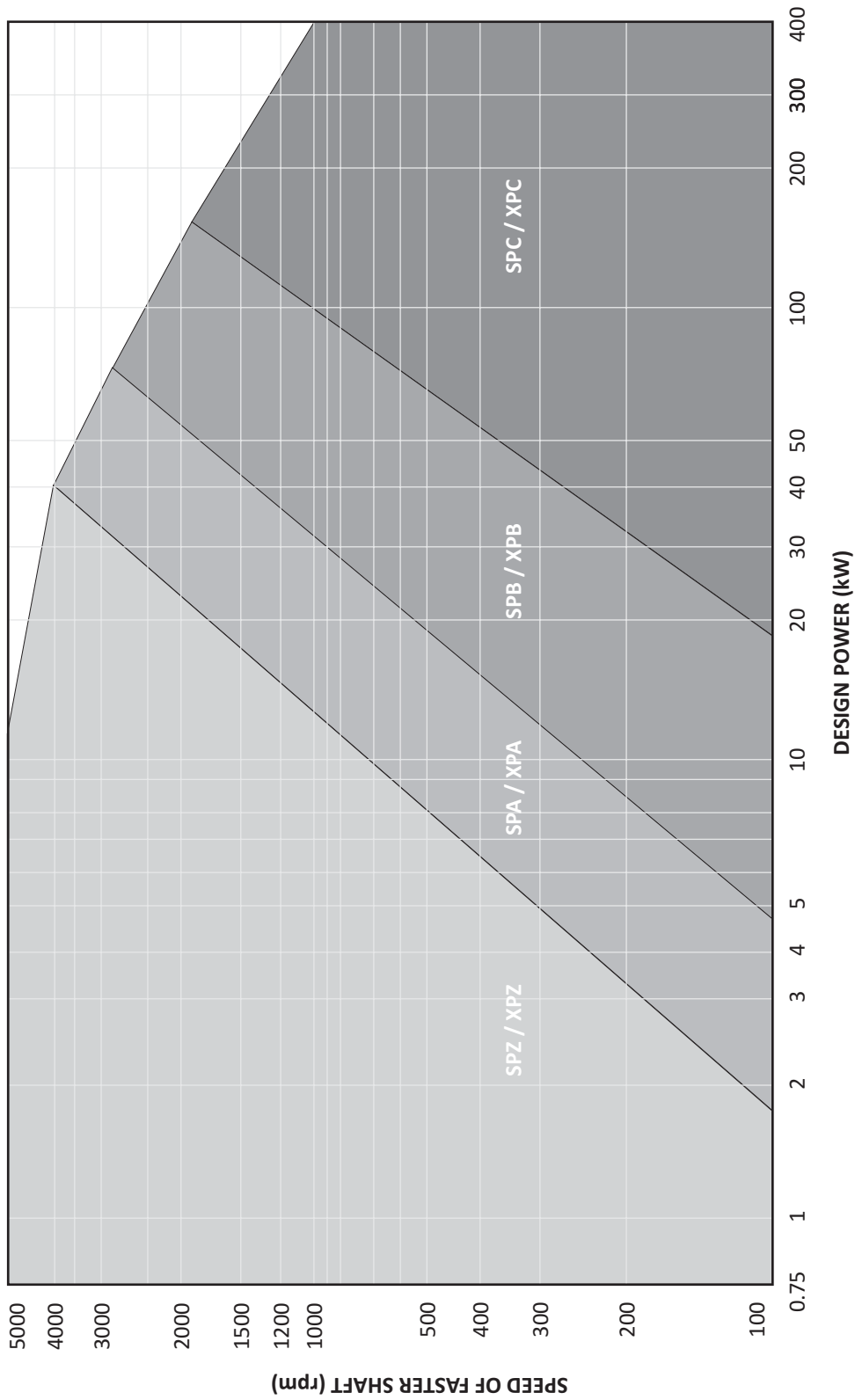


Chart II : Selection of V-Belt cross-section

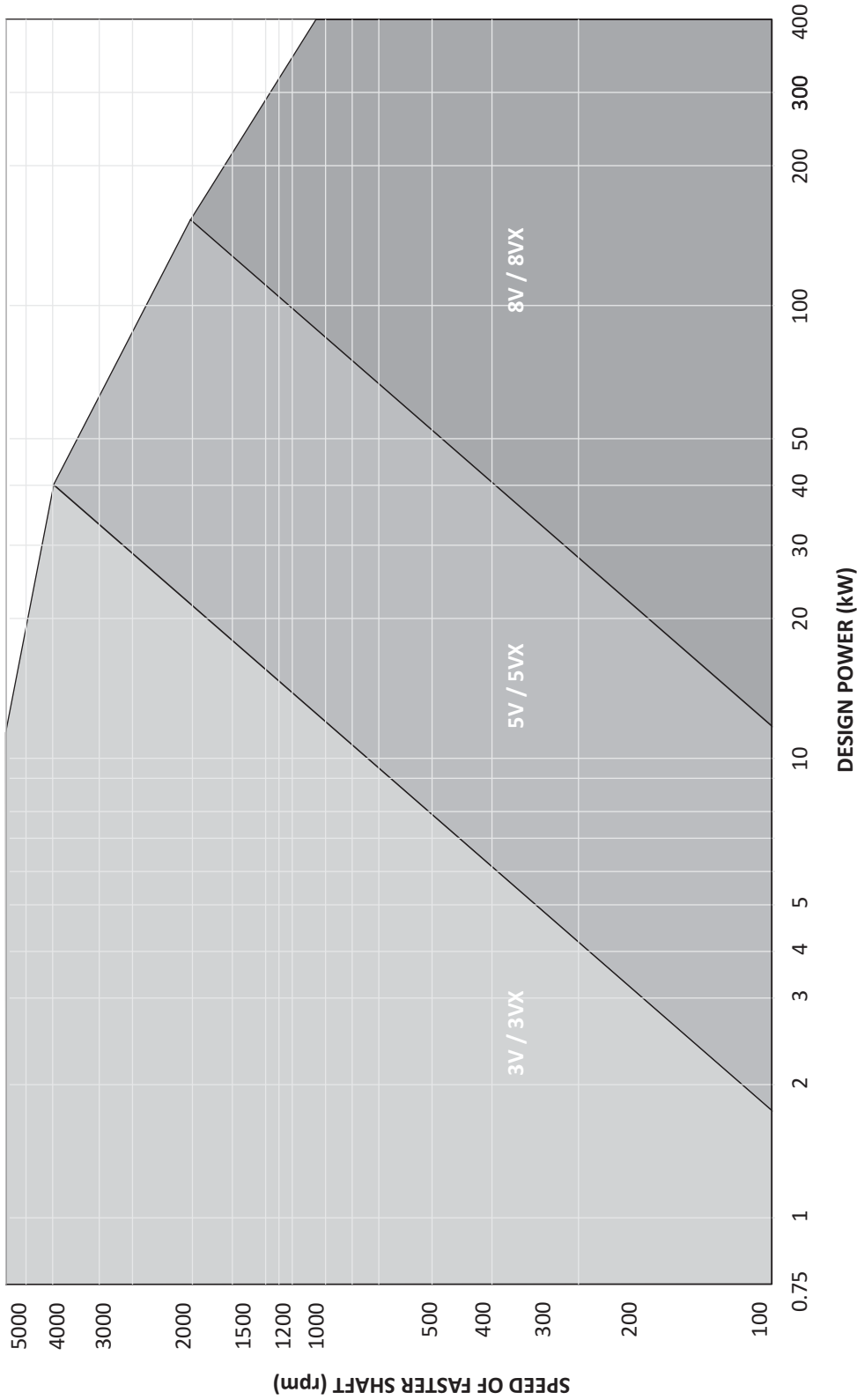


Chart III : Selection of V-Belt cross-section

Table 2:
Standard pulley pitch diameters for faster shaft

8	Z	A	B	20	C	25	D	E	SPZ/3V	SPA	SPB/5V	19	SPC	8V
40	50	71	112	160	180	250	355	500	63	90	140	180	224	335
45	53	75	118	180	190	280	375	560	67	95	150	200	236	355
50	56	80	125	200	200	315	400	630	71	100	160	224	250	375
56	60	85	132	224	212	355	425	670	75	106	170	236	265	400
63	63	90	140	236	224	400	450	710	80	112	180	250	280	425
71	67	95	150	250	236	450	475	750	85	118	190	280	300	450
80	71	100	160	280	250	500	500	800	90	125	200	315	315	475
90	75	106	170	315	265	560	530	860	95	132	212	355	335	500
	80	112	180	355	280	630	560	900	100	140	224	375	355	530
	85	118	190	400	300	710	600	950	106	150	236	400	375	560
	90	125	200	450	315	800	630	1000	112	160	250	450	400	600
	95	132	212	500	335		670	1120	118	170	265	500	450	630
	100	140	224		355		710	1250	125	180	280	560	500	670
	112	150	236		375		750	1400	132	190	315	630	560	710
		160	250		400		800	1600	140	200	355		630	750
		180	280		450		900		150	224	375		710	800
							1000		160	250	400			
									180	280				
									200	315				

Table 3:
Standard pulley pitch diameter for faster shaft

ZX	AX	BX	CX	XPZ/3VX	XPA	XPB/5VX	XPC
40	63	90	140	56	71	112	180
45	71	100	150	60	75	118	190
50	80	106	160	63	80	125	200
56	90	112	180	71	85	132	212
63	95	118	200	80	90	140	224
71	100	125	224	85	95	150	236
80	106	132	250	90	100	160	250
90	112	140	280	95	106	170	265
100	118	160	315	100	112	180	280
112	125	180	335	112	118	190	315
	132	190	355	125	125	200	335
	140	200	400	140	132	212	355
	150	212	450	160	140	224	400
	160	224	500	180	150	236	450
	180	250	630	200	160	250	500
		280			170	280	560
					180	315	630
					190	355	710
					200	400	
					224		
					250		
					280		

Table 4:
Section 8: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)									Additional Power(kW) per Belt for speed ratio			
	35	40	45	50	56	63	71	80	90	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	0.12	0.15	0.18	0.21	0.25	0.29	0.33	0.39	0.44	0.00	0.01	0.01	0.01
950	0.15	0.18	0.22	0.26	0.31	0.36	0.43	0.49	0.56	0.00	0.01	0.02	0.02
1450	0.19	0.25	0.30	0.36	0.43	0.50	0.59	0.68	0.68	0.00	0.02	0.03	0.03
2850	0.28	0.37	0.47	0.57	0.68	0.81	0.95	1.10	1.26	0.01	0.03	0.05	0.06
100	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.07	0.08	0.00	0.00	0.00	0.00
200	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.14	0.16	0.00	0.00	0.00	0.00
300	0.06	0.07	0.09	0.10	0.12	0.14	0.17	0.19	0.22	0.00	0.01	0.01	0.01
400	0.08	0.09	0.11	0.13	0.16	0.18	0.21	0.24	0.28	0.00	0.01	0.01	0.01
500	0.09	0.11	0.14	0.16	0.19	0.22	0.25	0.29	0.34	0.00	0.01	0.01	0.01
600	0.10	0.13	0.16	0.18	0.22	0.25	0.30	0.34	0.39	0.00	0.01	0.01	0.01
700	0.12	0.15	0.18	0.21	0.25	0.29	0.33	0.39	0.44	0.00	0.01	0.01	0.01
800	0.13	0.16	0.20	0.23	0.27	0.32	0.37	0.43	0.49	0.00	0.01	0.01	0.02
900	0.14	0.18	0.21	0.25	0.30	0.35	0.41	0.47	0.54	0.00	0.02	0.02	0.02
1000	0.15	0.19	0.23	0.27	0.32	0.38	0.44	0.51	0.59	0.00	0.02	0.02	0.02
1100	0.16	0.20	0.25	0.29	0.35	0.41	0.48	0.55	0.63	0.00	0.02	0.02	0.02
1200	0.17	0.22	0.27	0.31	0.37	0.44	0.51	0.59	0.68	0.00	0.02	0.02	0.02
1300	0.18	0.23	0.28	0.33	0.39	0.46	0.54	0.63	0.72	0.00	0.02	0.02	0.03
1400	0.19	0.24	0.30	0.35	0.42	0.49	0.57	0.66	0.76	0.00	0.03	0.03	0.03
1500	0.20	0.25	0.31	0.37	0.44	0.52	0.60	0.70	0.80	0.00	0.03	0.03	0.03
1600	0.20	0.25	0.33	0.39	0.46	0.54	0.63	0.73	0.84	0.00	0.03	0.03	0.03
1700	0.21	0.27	0.34	0.40	0.48	0.57	0.66	0.77	0.88	0.00	0.03	0.03	0.04
1800	0.22	0.28	0.35	0.42	0.50	0.59	0.69	0.80	0.92	0.00	0.03	0.03	0.04
1900	0.23	0.29	0.37	0.44	0.52	0.61	0.72	0.83	0.95	0.00	0.04	0.04	0.04
2000	0.23	0.30	0.38	0.45	0.54	0.63	0.74	0.86	0.99	0.00	0.04	0.04	0.04
2100	0.24	0.31	0.39	0.47	0.56	0.66	0.77	0.89	1.02	0.01	0.04	0.04	0.04
2200	0.25	0.32	0.40	0.48	0.57	0.68	0.80	0.92	1.06	0.01	0.04	0.04	0.05
2300	0.25	0.33	0.41	0.50	0.59	0.70	0.82	0.95	1.09	0.01	0.04	0.04	0.05
2400	0.26	0.34	0.43	0.51	0.61	0.72	0.84	0.98	1.12	0.01	0.04	0.04	0.05
2500	0.26	0.35	0.44	0.52	0.63	0.74	0.87	1.01	1.16	0.01	0.05	0.05	0.05
2600	0.27	0.36	0.45	0.54	0.64	0.76	0.89	1.03	1.19	0.01	0.05	0.05	0.05
2700	0.28	0.36	0.46	0.55	0.66	0.78	0.92	1.06	1.22	0.01	0.05	0.05	0.06
2800	0.28	0.37	0.47	0.56	0.67	0.80	0.94	1.09	1.25	0.01	0.05	0.05	0.06
2900	0.28	0.38	0.48	0.58	0.69	0.82	0.96	1.11	1.28	0.01	0.05	0.05	0.06
3000	0.29	0.38	0.49	0.59	0.70	0.84	0.98	1.14	1.30	0.01	0.06	0.06	0.06
3100	0.29	0.38	0.50	0.60	0.72	0.85	1.00	1.16	1.33	0.01	0.06	0.06	0.06
3200	0.30	0.40	0.51	0.61	0.73	0.87	1.02	1.19	1.36	0.01	0.06	0.06	0.07
3300	0.30	0.40	0.52	0.62	0.75	0.89	1.04	1.21	1.38	0.01	0.06	0.06	0.07
3400	0.31	0.41	0.52	0.63	0.76	0.90	1.06	1.23	1.41	0.01	0.06	0.06	0.07
3500	0.31	0.42	0.53	0.64	0.77	0.92	1.08	1.25	1.43	0.01	0.06	0.06	0.07
3600	0.31	0.42	0.54	0.65	0.79	0.94	1.10	1.27	1.46	0.01	0.07	0.07	0.07
3700	0.32	0.43	0.55	0.67	0.80	0.95	1.12	1.30	1.48	0.01	0.07	0.07	0.08
3800	0.32	0.43	0.56	0.68	0.81	0.97	1.14	1.32	1.50	0.01	0.07	0.07	0.08
3900	0.32	0.44	0.56	0.68	0.82	0.98	1.15	1.34	1.52	0.01	0.07	0.07	0.08
4000	0.33	0.44	0.57	0.69	0.84	1.00	1.17	1.35	1.55	0.01	0.07	0.07	0.08
4100	0.33	0.45	0.58	0.70	0.85	1.01	1.19	1.37	1.57	0.01	0.08	0.08	0.09
4200	0.33	0.45	0.59	0.71	0.86	1.02	1.20	1.39	1.59	0.01	0.08	0.08	0.09
4300	0.33	0.46	0.59	0.72	0.87	1.04	1.22	1.41	1.61	0.01	0.08	0.08	0.09
4400	0.34	0.46	0.60	0.73	0.88	1.05	1.23	1.43	1.62	0.01	0.08	0.08	0.09
4500	0.34	0.47	0.61	0.74	0.89	1.06	1.25	1.44	1.64	0.01	0.08	0.08	0.09
4600	0.34	0.47	0.61	0.75	0.90	1.08	1.26	1.46	1.66	0.01	0.09	0.09	0.10
4700	0.34	0.47	0.62	0.75	0.91	1.09	1.28	1.47	1.67	0.01	0.09	0.09	0.10
4800	0.34	0.48	0.62	0.76	0.92	1.10	1.29	1.49	1.69	0.01	0.09	0.09	0.10
4900	0.35	0.48	0.63	0.77	0.93	1.11	1.30	1.50	1.70	0.01	0.09	0.09	0.10
5000	0.36	0.49	0.63	0.78	0.94	1.12	1.31	1.52	1.72	0.01	0.09	0.09	0.10
5100	0.35	0.49	0.64	0.78	0.95	1.13	1.33	1.53	1.73	0.01	0.09	0.09	0.11
5200	0.35	0.49	0.64	0.79	0.96	1.14	1.34	1.54	1.74	0.01	0.10	0.10	0.11
5300	0.35	0.49	0.65	0.80	0.97	1.15	1.35	1.55	1.76	0.01	0.10	0.10	0.11
5400	0.35	0.50	0.65	0.80	0.97	1.16	1.36	1.56	1.77	0.01	0.10	0.10	0.11
5500	0.35	0.50	0.66	0.81	0.98	1.17	1.37	1.57	1.78	0.01	0.10	0.10	0.11
5600	0.35	0.50	0.66	0.81	0.99	1.18	1.38	1.59	1.79	0.01	0.10	0.11	0.12
5700	0.35	0.51	0.67	0.82	1.00	1.19	1.39	1.59	1.80	0.01	0.11	0.11	0.12
5800	0.35	0.51	0.67	0.83	1.00	1.20	1.40	1.60	1.80	0.01	0.11	0.11	0.12
5900	0.35	0.51	0.67	0.83	1.01	1.20	1.41	1.61	1.81	0.01	0.11	0.11	0.12
6000	0.35	0.51	0.68	0.84	1.02	1.21	1.41	1.62	1.82	0.01	0.11	0.11	0.12
6200	0.35	0.51	0.68	0.84	1.03	1.22	1.43	1.63	1.83	0.01	0.11	0.12	0.13
6400	0.35	0.52	0.69	0.85	1.04	1.24	1.44	1.65	1.83	0.01	0.12	0.12	0.13
6600	0.35	0.52	0.70	0.86	1.05	1.25	1.45	1.65	1.84	0.02	0.12	0.13	0.14
6800	0.35	0.52	0.70	0.87	1.06	1.26	1.46	1.66	1.84	0.02	0.13	0.13	0.14
7000	0.35	0.52	0.70	0.87	1.06	1.27	1.47	1.67	1.84	0.02	0.13	0.13	0.15
7200	0.35	0.52	0.71	0.88	1.07	1.27	1.48	1.67	1.83	0.02	0.13	0.14	0.15
7400	0.35	0.52	0.71	0.88	1.08	1.28	1.48	1.67	1.82	0.02	0.14	0.14	0.15
7600	0.34	0.52	0.71	0.89	1.08	1.28	1.48	1.66	1.81	0.02	0.14	0.14	0.16
7800	0.34	0.52	0.71	0.89	1.08	1.28	1.48	1.66	1.79	0.02	0.09	0.15	0.16
8000	0.33	0.52	0.71	0.89	1.08	1.29	1.48	1.65	1.77	0.02	0.09	0.15	0.17

Table 6:
Section A: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	71	80	90	95	100	106	112	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	0.55	0.77	1.00	1.13	1.25	1.39	1.53	0.02	0.08	0.12	0.14
950	0.64	0.93	1.25	1.39	1.55	1.73	1.92	0.02	0.10	0.16	0.18
1450	0.82	1.23	1.69	1.91	2.12	2.38	2.64	0.03	0.16	0.25	0.28
2850	1.06	1.81	2.63	2.96	3.39	3.76	4.26	0.06	0.31	0.49	0.55
100	0.12	0.16	0.20	0.22	0.24	0.26	0.29	0.00	0.01	0.02	0.02
200	0.24	0.32	0.40	0.44	0.48	0.52	0.58	0.00	0.02	0.03	0.04
300	0.36	0.48	0.60	0.66	0.72	0.78	0.87	0.01	0.03	0.05	0.06
400	0.35	0.48	0.63	0.70	0.77	0.85	0.94	0.01	0.04	0.07	0.08
500	0.44	0.60	0.79	0.88	0.96	1.06	1.18	0.01	0.05	0.09	0.10
600	0.47	0.66	0.86	0.97	1.07	1.19	1.31	0.01	0.06	0.10	0.12
700	0.55	0.77	1.00	1.13	1.25	1.39	1.53	0.02	0.08	0.12	0.14
800	0.61	0.88	1.15	1.29	1.43	1.59	1.75	0.02	0.09	0.14	0.16
900	0.61	0.88	1.18	1.32	1.47	1.64	1.82	0.02	0.10	0.16	0.18
950	0.64	0.93	1.25	1.39	1.55	1.73	1.92	0.02	0.10	0.16	0.18
1000	0.68	0.98	1.31	1.47	1.63	1.82	2.02	0.02	0.11	0.17	0.19
1100	0.69	1.01	1.37	1.54	1.71	1.92	2.13	0.02	0.12	0.19	0.21
1200	0.75	1.10	1.50	1.68	1.87	2.09	2.32	0.03	0.13	0.21	0.23
1300	0.76	1.19	1.62	1.82	2.02	2.27	2.52	0.03	0.14	0.22	0.25
1400	0.79	1.19	1.63	1.84	2.05	2.30	2.55	0.03	0.15	0.24	0.27
1450	0.82	1.23	1.69	1.91	2.12	2.38	2.64	0.03	0.16	0.25	0.28
1500	0.85	1.28	1.75	1.97	2.20	2.46	2.73	0.03	0.16	0.26	0.29
1600	0.85	1.39	1.78	2.02	2.26	2.54	2.82	0.03	0.17	0.28	0.31
1700	0.90	1.39	1.89	2.15	2.40	2.70	3.00	0.04	0.18	0.29	0.33
1800	0.91	1.43	2.00	2.27	2.54	2.86	3.17	0.04	0.19	0.31	0.35
1900	0.92	1.44	2.00	2.27	2.54	2.87	3.19	0.04	0.21	0.33	0.37
2000	0.95	1.52	2.11	2.39	2.67	3.02	3.36	0.04	0.22	0.35	0.39
2100	0.96	1.52	2.12	2.42	2.72	3.06	3.41	0.05	0.23	0.36	0.41
2200	0.98	1.59	2.22	2.54	2.85	3.21	3.57	0.05	0.24	0.38	0.43
2300	0.99	1.61	2.30	2.62	2.95	3.33	3.74	0.05	0.25	0.40	0.45
2400	1.00	1.62	2.30	2.63	2.95	3.33	3.80	0.05	0.26	0.42	0.47
2500	1.01	1.68	2.40	2.74	3.07	3.47	3.87	0.05	0.27	0.43	0.49
2600	1.02	1.68	2.40	2.75	3.09	3.50	3.89	0.06	0.28	0.45	0.51
2700	1.06	1.75	2.49	2.86	3.21	3.64	4.04	0.06	0.28	0.47	0.53
2800	1.06	1.81	2.59	2.96	3.33	3.76	4.19	0.06	0.30	0.48	0.54
2850	1.06	1.81	2.63	2.96	3.33	3.76	4.26	0.06	0.31	0.49	0.55
2900	1.06	1.82	2.63	2.96	3.36	3.76	4.26	0.06	0.31	0.50	0.56
3000	1.06	1.82	2.64	3.00	3.38	3.83	4.27	0.06	0.32	0.52	0.58
3100	1.06	1.82	2.64	3.00	3.38	3.83	4.27	0.07	0.34	0.54	0.60
3200	1.06	1.86	2.69	3.10	3.49	3.95	4.41	0.07	0.35	0.55	0.62
3300	1.05	1.86	2.70	3.10	3.55	4.08	4.41	0.07	0.36	0.57	0.64
3400	1.05	1.86	2.70	3.10	3.58	4.08	4.43	0.07	0.37	0.59	0.66
3500	1.05	1.86	2.72	3.15	3.58	4.10	4.56	0.08	0.38	0.61	0.68
3600	1.05	1.87	2.74	3.17	3.58	4.10	4.56	0.08	0.39	0.62	0.70
3700	1.05	1.91	2.82	3.26	3.68	4.17	4.65	0.08	0.40	0.64	0.72
3800	1.04	1.93	2.89	3.35	3.77	4.19	4.71	0.08	0.41	0.66	0.74
3900	0.99	1.93	2.89	3.35	3.77	4.22	4.72	0.08	0.42	0.67	0.76
4000	0.99	1.92	2.89	3.36	3.77	4.26	4.74	0.09	0.43	0.69	0.78
4100	0.98	1.86	2.88	3.36	3.78	4.28	4.75	0.09	0.44	0.71	0.80
4200	0.98	1.85	2.88	3.36	3.78	4.28	4.76	0.09	0.45	0.73	0.82
4300	0.97	1.85	2.85	3.36	3.87	4.38	4.88	0.09	0.46	0.74	0.84
4400	0.95	1.84	2.81	3.26	3.87	4.40	4.66	0.10	0.48	0.76	0.86
4500	0.92	1.83	2.77	3.23	3.88	4.40	4.66	0.10	0.49	0.78	0.88
4600	0.85	1.81	2.77	3.23	3.88	4.18	4.64	0.10	0.50	0.80	0.89
4700	0.85	1.81	2.75	3.23	3.77	4.17	4.64	0.10	0.51	0.81	0.91
4800	0.85	1.80	2.71	3.23	3.75	4.16	4.54	0.10	0.52	0.83	0.93
4900	0.77	1.75	2.70	3.22	3.64	4.12	4.54	0.11	0.53	0.85	0.95
5000	0.77	1.75	2.70	3.22	3.61	4.10	4.53	0.11	0.54	0.87	0.97
5100	0.75	1.69	2.69	3.15	3.58	4.06	4.48	0.11	0.55	0.88	0.99
5200	0.74	1.62	2.64	3.13	3.55	4.04	4.47	0.11	0.56	0.90	1.01
5300	0.73	1.62	2.64	3.12	3.52	4.02	4.46	0.11	0.57	0.92	1.03
5400	0.58	1.59	2.59	3.04	3.46	3.91	4.44	0.12	0.58	0.93	1.05
5500	0.58	1.58	2.54	3.03	3.42	3.90	4.31	0.12	0.59	0.95	1.07
5600	0.55	1.55	2.51	2.95	3.36	3.79		0.12	0.61	0.97	1.09
5700	0.54	1.54	2.50	2.94	3.32	3.76		0.12	0.62	0.99	1.11
5800	0.49	1.52	2.40	2.93	3.30	3.73		0.13	0.63	1.00	1.13
5900	0.40	1.51	2.30	2.90	3.29	3.72		0.13	0.64	1.02	1.15
6000	0.35	1.45	2.20	2.90	3.20	3.71		0.13	0.65	1.04	1.17

Table 6:
Section A: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	118	125	132	140	150	160	180	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	1.67	1.83	2.00	2.17	2.40	2.63	3.07	0.02	0.08	0.12	0.14
950	2.10	2.30	2.51	2.74	3.04	3.33	3.90	0.02	0.10	0.16	0.18
1450	2.90	3.20	3.49	3.82	4.23	4.63	5.41	0.03	0.16	0.25	0.28
2850	4.69	5.10	5.65	6.16	6.68	7.28	8.48	0.06	0.31	0.49	0.55
100	0.31	0.34	0.37	0.40	0.44	0.48	0.55	0.00	0.01	0.02	0.02
200	0.62	0.68	0.74	0.80	0.88	0.96	1.10	0.00	0.02	0.03	0.04
300	0.93	1.02	1.11	1.20	1.32	1.44	1.65	0.01	0.03	0.05	0.06
400	1.02	1.12	1.21	1.32	1.46	1.59	1.86	0.01	0.04	0.07	0.08
500	1.28	1.40	1.51	1.65	1.83	1.99	2.33	0.01	0.05	0.09	0.10
600	1.43	1.57	1.71	1.86	2.06	2.25	2.63	0.01	0.06	0.10	0.12
700	1.67	1.83	2.00	2.17	2.40	2.63	3.07	0.02	0.08	0.12	0.14
800	1.91	2.09	2.28	2.48	2.75	3.00	3.51	0.02	0.09	0.14	0.16
900	1.99	2.18	2.38	2.60	2.88	3.15	3.69	0.02	0.10	0.16	0.18
950	2.10	2.30	2.51	2.74	3.04	3.33	3.90	0.02	0.10	0.16	0.18
1000	2.21	2.42	2.64	2.89	3.20	3.50	4.10	0.02	0.11	0.17	0.19
1100	2.33	2.56	2.79	3.06	3.38	3.70	4.33	0.02	0.12	0.19	0.21
1200	2.54	2.79	3.04	3.34	3.69	4.04	4.72	0.03	0.13	0.21	0.23
1300	2.75	3.03	3.30	3.62	3.99	4.37	5.12	0.03	0.14	0.22	0.25
1400	2.80	3.09	3.37	3.69	4.08	4.47	5.22	0.03	0.15	0.24	0.27
1450	2.90	3.20	3.49	3.82	4.23	4.63	5.41	0.03	0.16	0.25	0.28
1500	3.00	3.31	3.61	3.95	4.37	4.79	5.59	0.03	0.16	0.26	0.29
1600	3.10	3.41	3.73	4.08	4.51	4.94	5.76	0.03	0.17	0.28	0.31
1700	3.29	3.62	3.96	4.34	4.79	5.25	6.12	0.04	0.18	0.29	0.33
1800	3.49	3.84	4.20	4.59	5.07	5.56	6.48	0.04	0.19	0.31	0.35
1900	3.50	3.85	4.22	4.62	5.10	5.58	6.49	0.04	0.21	0.33	0.37
2000	3.68	4.05	4.44	4.86	5.37	5.87	6.83	0.04	0.22	0.35	0.39
2100	3.75	4.13	4.51	4.94	5.46	5.96	6.91	0.05	0.23	0.36	0.41
2200	3.93	4.33	4.73	5.18	5.72	6.24	7.24	0.05	0.24	0.38	0.43
2300	4.02	4.50	4.91	5.41	5.93	6.53	7.57	0.05	0.25	0.40	0.45
2400	4.08	4.50	4.91	5.41	5.93	6.63	7.67	0.05	0.26	0.42	0.47
2500	4.25	4.69	5.12	5.59	6.18	6.73	7.76	0.05	0.27	0.43	0.49
2600	4.28	4.72	5.15	5.62	6.20	6.74	7.76	0.06	0.28	0.45	0.51
2700	4.45	4.90	5.35	5.84	6.44	7.00	8.04	0.06	0.28	0.47	0.53
2800	4.61	5.00	5.55	6.05	6.68	7.26	8.34	0.06	0.30	0.48	0.54
2850	4.69	5.10	5.65	6.16	6.68	7.28	8.48	0.06	0.31	0.49	0.55
2900	4.69	5.10	5.65	6.16	6.78	7.28	8.48	0.06	0.31	0.50	0.56
3000	4.70	5.14	5.66	6.17	6.78	7.32	8.35	0.06	0.32	0.52	0.58
3100	4.70	5.17	5.66	6.17	6.79	7.33	8.33	0.07	0.34	0.54	0.60
3200	4.84	5.34	5.80	6.32	6.93	7.49	8.33	0.07	0.35	0.55	0.62
3300	4.89	5.50	5.88	6.32	7.14	7.73	8.29	0.07	0.36	0.57	0.64
3400	4.89	5.50	5.88	6.32	7.14	7.54	8.25	0.07	0.37	0.59	0.66
3500	4.96	5.52	5.99	6.41	7.15	7.49	8.20	0.08	0.38	0.61	0.68
3600	4.96	5.55	5.99	6.41	7.15	7.48		0.08	0.39	0.62	0.70
3700	5.10	5.60	6.08	6.59	7.17	7.48		0.08	0.40	0.64	0.72
3800	5.24	5.75	6.20	6.59	7.37	7.46		0.08	0.41	0.66	0.74
3900	5.26	5.75	6.20	6.48	7.19	7.45		0.08	0.42	0.67	0.76
4000	5.29	5.79	6.18	6.48	7.19	7.41		0.09	0.43	0.69	0.78
4100	5.29	5.58	6.17	6.47	6.97	7.37		0.09	0.44	0.71	0.80
4200	5.31	5.56	6.17	6.47	6.97			0.09	0.45	0.73	0.82
4300	5.34	5.52	6.08	6.43	6.88			0.09	0.46	0.74	0.84
4400	5.33	5.52	5.98	6.43	6.88			0.10	0.48	0.76	0.86
4500	5.22	5.49	5.97	6.42	6.54			0.10	0.49	0.78	0.88
4600	5.17	5.41	5.90					0.10	0.50	0.80	0.89
4700	5.17	5.41	5.89					0.10	0.51	0.81	0.91
4800	5.16	5.30	5.87					0.10	0.52	0.83	0.93
4900	4.97	5.20	5.55					0.11	0.53	0.85	0.95
5000	4.97	5.10	5.55					0.11	0.54	0.87	0.97
5100	4.86							0.11	0.55	0.88	0.99
5200	4.86							0.11	0.56	0.90	1.01
5300	4.85							0.11	0.57	0.92	1.03
5400	4.83							0.12	0.58	0.93	1.05
5500	4.80							0.12	0.59	0.95	1.07

Table 7:
Section B: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)								Additional Power (kW) per Belt for speed ratio			
	112	125	132	140	150	160	170	180	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	1.55	2.03	2.29	2.58	2.94	3.55	3.65	4.01	0.03	0.17	0.27	0.30
950	1.94	2.48	2.82	3.19	3.65	4.12	4.57	5.14	0.05	0.23	0.37	0.41
1450	2.49	3.29	3.76	4.29	4.94	5.58	6.21	6.98	0.07	0.35	0.56	0.63
2850	3.27	4.71	5.46	5.99	6.89	7.89	8.62	9.22	0.14	0.69	1.10	1.24
100	0.33	0.41	0.46	0.51	0.57	0.63	0.69	0.75	0.00	0.02	0.04	0.04
200	0.66	0.82	0.92	1.02	1.14	1.26	1.38	1.50	0.01	0.05	0.08	0.09
300	0.79	1.23	1.38	1.53	1.71	1.89	2.07	2.25	0.01	0.07	0.12	0.13
400	1.05	1.27	1.43	1.60	1.82	2.03	2.25	2.46	0.02	0.10	0.15	0.17
500	1.32	1.59	1.79	2.00	2.28	2.54	2.81	3.08	0.02	0.12	0.19	0.22
600	1.33	1.74	1.96	2.21	2.52	3.05	3.13	3.44	0.03	0.14	0.23	0.26
700	1.55	2.03	2.29	2.58	2.94	3.55	3.65	4.01	0.03	0.17	0.27	0.30
800	1.63	2.32	2.61	2.95	3.36	3.90	4.17	4.33	0.04	0.19	0.31	0.35
900	1.83	2.35	2.67	3.02	3.46	3.90	4.33	4.87	0.04	0.22	0.35	0.39
950	1.94	2.48	2.82	3.19	3.65	4.12	4.57	5.14	0.05	0.23	0.37	0.41
1000	2.04	2.61	2.97	3.36	3.84	4.33	4.81	5.41	0.05	0.24	0.39	0.43
1100	2.10	2.71	3.08	3.50	4.02	4.53	5.04	5.54	0.05	0.27	0.42	0.48
1200	2.19	2.96	3.36	3.82	4.39	4.94	5.50	6.04	0.06	0.29	0.46	0.52
1300	2.38	3.20	3.50	4.14	4.75	5.35	5.96	6.26	0.06	0.31	0.50	0.56
1400	2.45	3.25	3.63	4.14	4.77	5.39	6.00	6.74	0.07	0.34	0.54	0.61
1450	2.49	3.29	3.76	4.29	4.94	5.58	6.21	6.98	0.07	0.35	0.56	0.63
1500	2.50	3.41	3.89	4.44	5.11	5.78	6.43	7.22	0.07	0.36	0.58	0.65
1600	2.50	3.45	3.95	4.52	5.21	5.89	6.56	7.40	0.08	0.39	0.62	0.69
1700	2.66	3.67	4.20	4.80	5.54	6.26	6.97	7.66	0.08	0.41	0.66	0.74
1800	2.81	3.72	4.36	5.09	5.78	6.54	7.27	7.79	0.09	0.43	0.70	0.78
1900	2.82	3.79	4.36	5.15	5.78	6.54	7.27	8.22	0.09	0.46	0.73	0.82
2000	2.82	3.89	4.59	5.26	6.08	6.88	7.65	8.32	0.10	0.48	0.77	0.87
2100	2.82	3.98	4.59	5.27	6.09	6.90	7.67	8.42	0.10	0.51	0.81	0.91
2200	2.95	4.17	4.81	5.52	6.38	7.23	8.04	8.76	0.11	0.53	0.85	0.96
2300	2.95	4.20	4.86	5.59	6.47	7.32	8.40	8.76	0.11	0.56	0.89	1.00
2400	2.96	4.20	4.86	5.59	6.47	7.32	8.40	9.11	0.12	0.58	0.95	1.04
2500	2.98	4.30	4.98	5.74	6.65	7.52	8.40	9.11	0.12	0.60	0.97	1.09
2600	2.98	4.30	4.98	5.74	6.65	7.52	8.44	9.11	0.13	0.63	1.00	1.13
2700	3.10	4.47	5.17	5.96	6.77	7.81	8.61	9.18	0.13	0.65	1.04	1.17
2800	3.21	4.63	5.36	5.98	6.77	7.89	8.61	9.21	0.14	0.68	1.08	1.22
2850	3.27	4.71	5.46	5.99	6.89	7.89	8.62	9.22	0.14	0.69	1.10	1.24
2900	3.30	4.72	5.46	5.99	7.01	7.91	8.77	9.25	0.14	0.70	1.12	1.26
3000	3.20	4.72	5.46	6.00	7.01	7.96	8.99	9.25	0.14	0.72	1.16	1.30
3100	3.10	4.73	5.46	6.00	7.05	7.96	8.99	9.22	0.15	0.75	1.20	1.35
3200	3.05	4.74	5.45	6.10	7.06	7.96	9.01	9.22	0.15	0.77	1.24	1.39
3300	3.03	4.67	5.45	6.29	7.28	7.99	9.05	9.21	0.16	0.80	1.27	1.43
3400	2.98	4.66	5.45	6.30	6.99	7.89	8.55	9.19	0.16	0.82	1.31	1.48
3500	2.93	4.45	5.21	6.32	6.97	7.81	8.55	9.18	0.17	0.84	1.35	1.52
3600	2.89	4.34	4.99	6.35	6.94	7.56	8.39		0.17	0.87	1.39	1.56
3700	2.87	4.34	4.99	6.37	6.81	7.34	8.32		0.18	0.89	1.43	1.61
3800	2.85	4.29	4.95	6.54	6.81	7.24	7.96		0.18	0.92	1.47	1.65
3900	2.59	4.22	4.93	5.89	6.59	7.24	7.95		0.19	0.94	1.51	1.69
4000	2.57	4.21	4.92	5.60	6.45	7.23	7.90		0.19	0.97	1.55	1.74
4100	2.40	3.89	4.59	5.35	5.99				0.20	0.99	1.58	1.78
4200	2.37	3.87	4.59	5.32	5.98				0.20	1.01	1.62	1.82
4300	2.35	3.84	4.30	4.86	5.56				0.21	1.04	1.66	1.87
4400	1.99	3.50	4.29	4.82	5.55				0.21	1.06	1.70	1.91
4500	1.98	3.45	4.28	4.82	5.48				0.22	1.09	1.74	1.95
4600	1.87	3.10	3.80						0.22	1.11	1.78	2.00
4700	1.71	3.10	3.73						0.23	1.13	1.82	2.04
4800	1.60	2.80	3.28						0.23	1.16	1.85	2.08
4900	1.49	2.71	3.28						0.24	1.18	1.89	2.13
5000	1.40	2.70	3.27						0.24	1.21	1.93	2.17

Table 7:
Section B: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	190	200	212	224	236	250	280	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	4.36	4.70	5.12	5.53	5.94	6.41	7.40	0.03	0.17	0.27	0.30
950	5.46	5.90	6.43	6.94	7.45	8.03	9.26	0.05	0.23	0.37	0.41
1450	7.44	8.04	8.73	9.42	10.09	10.84	12.73	0.07	0.35	0.56	0.63
2850	9.89	10.99	11.45	11.88	12.28			0.14	0.69	1.10	1.24
100	0.81	0.87	0.94	1.01	1.08	1.17	1.34	0.00	0.02	0.04	0.04
200	1.62	1.74	1.88	2.02	2.16	2.34	2.68	0.01	0.05	0.08	0.09
300	2.43	2.61	2.82	3.03	3.24	3.51	4.02	0.01	0.07	0.12	0.13
400	2.67	2.88	3.13	3.37	3.62	3.91	4.51	0.02	0.10	0.15	0.17
500	3.34	3.60	3.91	4.21	4.53	4.89	5.64	0.02	0.12	0.19	0.22
600	3.74	4.03	4.39	4.74	5.09	5.49	6.34	0.03	0.14	0.23	0.26
700	4.36	4.70	5.12	5.53	5.94	6.41	7.40	0.03	0.17	0.27	0.30
800	4.99	5.37	5.85	6.32	6.79	7.32	8.45	0.04	0.19	0.31	0.35
900	5.17	5.59	6.09	6.57	7.06	7.61	8.77	0.04	0.22	0.35	0.39
950	5.46	5.90	6.43	6.94	7.45	8.03	9.26	0.05	0.23	0.37	0.41
1000	5.74	6.21	6.77	7.30	7.84	8.46	9.74	0.05	0.24	0.39	0.43
1100	6.03	6.52	7.10	7.66	8.22	8.86	10.18	0.05	0.27	0.42	0.48
1200	6.58	7.11	7.75	8.36	8.97	9.67	11.11	0.06	0.29	0.46	0.52
1300	7.13	7.71	8.39	9.05	9.71	10.47	11.41	0.06	0.31	0.50	0.56
1400	7.18	7.76	8.43	9.09	9.74	10.47	12.29	0.07	0.34	0.54	0.61
1450	7.44	8.04	8.73	9.42	10.09	10.84	12.73	0.07	0.35	0.56	0.63
1500	7.69	8.31	9.03	9.74	10.44	11.22	12.77	0.07	0.36	0.58	0.65
1600	7.85	8.47	9.20	9.90	10.58	11.35	12.88	0.08	0.39	0.62	0.69
1700	8.34	9.00	9.78	10.52	11.24	12.06	13.59	0.08	0.41	0.66	0.74
1800	8.69	9.53	10.35	10.88	11.53	12.36	13.59	0.09	0.43	0.70	0.78
1900	8.69	9.70	10.45	10.88	11.73	12.36	13.85	0.09	0.46	0.73	0.82
2000	9.14	9.83	10.62	11.36	12.00	13.01	14.06	0.10	0.48	0.77	0.87
2100	9.14	9.83	10.62	11.36	12.06	13.01	14.19	0.10	0.51	0.81	0.91
2200	9.58	10.30	11.13	11.90	12.63	13.06	14.26	0.11	0.53	0.85	0.96
2300	9.63	10.32	11.20	12.44	12.45	13.06	14.26	0.11	0.56	0.89	1.00
2400	9.63	10.32	11.20	12.44	12.45	13.63	14.88	0.12	0.58	0.95	1.04
2500	9.83	10.51	11.25	12.30	12.45	14.20	15.50	0.12	0.60	0.97	1.09
2600	9.83	10.51	11.25	11.90	12.45			0.13	0.63	1.00	1.13
2700	9.85	10.91	11.25	11.90	12.31			.013	0.65	1.04	1.17
2800	9.89	10.98	11.25	11.88	12.31			0.14	0.68	1.08	1.22
2850	9.89	10.99	11.45	11.88	12.28			0.14	0.69	1.10	1.24
2900	9.93	10.99	11.65	11.87	12.27			0.14	0.70	1.12	1.26
3000	9.85	10.91	12.05	11.84	12.20			0.14	0.72	1.16	1.30
3100	9.85	10.41						0.15	0.75	1.20	1.35
3200	9.78	10.41						0.15	0.77	1.24	1.39
3300	9.65	10.12						0.16	0.80	1.27	1.43
3400	9.64	10.12						0.16	0.82	1.31	1.48
3500	9.63	10.10						0.17	0.84	1.35	1.52
3600								0.17	0.87	1.39	1.56
3700								0.18	0.89	1.43	1.61
3800								0.18	0.92	1.47	1.65
3900								0.19	0.94	1.51	1.69
4000								0.19	0.97	1.55	1.74

Table 9:
Section C: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)								Additional Power (kW) per Belt for speed ratio			
	180	200	212	224	236	250	265	280	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	4.51	5.66	6.35	7.02	7.69	8.47	9.28	10.09	0.08	0.40	0.63	0.71
950	5.60	7.08	7.95	8.81	9.67	10.64	11.67	12.69	0.11	0.54	0.86	0.97
1450	7.23	9.24	10.42	11.79	12.67	14.21	15.59	16.85	0.16	0.82	1.31	1.48
2850	7.54	10.13	11.11	12.34					0.32	1.61	2.58	2.90
50	0.53	0.64	0.70	0.76	0.83	0.90	0.98	1.06	0.01	0.03	0.05	0.05
100	1.06	1.28	1.40	1.52	1.66	1.80	1.96	2.12	0.01	0.06	0.09	0.10
150	1.59	1.92	2.10	2.28	2.49	2.70	2.94	3.18	0.02	0.08	0.14	0.15
200	1.69	2.07	2.30	2.52	2.75	3.00	3.28	3.55	0.02	0.11	0.18	0.20
250	2.11	2.59	2.88	3.15	3.44	3.75	4.10	4.44	0.03	0.14	0.23	0.25
300	2.35	2.90	3.22	3.54	3.87	4.24	4.64	5.03	0.03	0.17	0.27	0.31
350	2.74	3.38	3.76	4.13	4.52	4.95	5.41	5.87	0.04	0.20	0.32	0.36
400	3.13	3.87	4.29	4.72	5.16	5.65	6.19	6.71	0.05	0.23	0.36	0.41
450	3.23	4.02	4.48	4.95	5.41	5.94	6.51	7.07	0.05	0.25	0.41	0.46
500	3.59	4.47	4.98	5.50	6.01	6.60	7.23	7.86	0.06	0.28	0.45	0.51
550	3.77	4.71	5.26	5.81	6.36	6.99	7.67	8.33	0.06	0.31	0.50	0.56
600	4.11	5.14	5.74	6.34	6.94	7.63	8.37	9.09	0.07	0.34	0.54	0.61
650	4.46	5.57	6.22	6.87	7.52	8.26	9.06	9.84	0.07	0.37	0.59	0.66
700	4.51	5.66	6.35	7.02	7.69	8.47	9.28	10.09	0.08	0.40	0.63	0.71
750	4.83	6.06	6.80	7.52	8.24	9.08	9.94	10.81	0.08	0.42	0.68	0.76
800	4.97	6.26	7.02	7.77	8.52	9.38	10.29	11.18	0.09	0.45	0.72	0.81
850	5.28	6.65	7.46	8.26	9.05	9.97	10.93	11.88	0.10	0.48	0.77	0.87
900	5.59	7.04	7.90	8.74	9.59	10.55	11.58	12.58	0.10	0.51	0.81	0.92
950	5.60	7.08	7.95	8.81	9.67	10.64	11.67	12.69	0.11	0.54	0.86	0.97
1000	5.90	7.45	8.37	9.27	10.18	11.20	12.28	13.36	0.11	0.57	0.91	1.02
1050	5.98	7.58	8.52	9.45	10.37	11.42	12.52	13.60	0.12	0.59	0.95	1.07
1100	6.27	7.94	8.93	9.90	10.86	11.96	13.12	14.25	0.12	0.62	1.00	1.12
1150	6.50	8.27	9.31	10.31	11.31	12.51	13.71	14.69	0.13	0.65	1.04	1.17
1200	6.50	8.27	9.31	10.33	11.33	12.69	13.79	14.83	0.14	0.68	1.09	1.22
1250	6.77	8.61	9.70	10.76	11.80	12.99	14.24	15.45	0.14	0.71	1.13	1.27
1300	6.81	8.69	9.78	10.86	11.91	13.10	14.35	15.56	0.15	0.74	1.18	1.32
1350	7.07	9.02	10.16	11.28	12.37	13.60	14.90	16.16	0.15	0.76	1.22	1.37
1400	7.21	9.22	10.41	11.70	12.63	14.11	15.45	16.76	0.16	0.79	1.27	1.42
1450	7.23	9.24	10.42	11.79	12.67	14.21	15.59	16.85	0.16	0.82	1.31	1.48
1500	7.41	9.56	10.78	11.96	13.11	14.41	15.77	17.06	0.17	0.85	1.36	1.53
1550	7.45	9.57	10.78	11.97	13.11	14.41	15.79	17.09	0.18	0.88	1.40	1.58
1600	7.69	9.88	11.13	12.36	13.53	14.88	16.24	17.55	0.18	0.91	1.45	1.63
1650	7.71	10.19	11.48	12.74	13.59	15.34	16.29	17.59	0.19	0.93	1.49	1.68
1700	7.77	10.19	11.49	12.75	13.66	15.41	16.33	17.60	0.19	0.96	1.54	1.73
1750	7.91	10.27	11.58	12.85	14.06	15.43	16.81	17.87	0.20	0.99	1.58	1.78
1800	7.93	10.28	11.59	12.89	14.09	15.56	16.89	17.88	0.20	1.02	1.63	1.83
1850	8.11	10.48	11.82	13.01	14.69	15.70	17.09	18.38	0.21	1.05	1.67	1.88
1900	8.11	10.49	11.89	13.03	14.73	15.75	17.10	18.87	0.22	1.07	1.72	1.93
1950	8.12	10.50	11.99	13.06	14.75	15.85	17.11	18.69	0.22	1.10	1.77	1.98
2000	8.19	10.55	12.08	13.40	14.64	15.99	17.33	18.56	0.23	1.13	1.81	2.04
2050	8.20	10.58	12.09	13.42	14.40	16.05	17.35	18.12	0.23	1.16	1.86	2.09
2100	8.40	10.84	12.21	13.52	14.39	16.08	17.38	18.11	0.24	1.19	1.90	2.14
2150	8.41	11.10	12.25	13.84	14.37	16.47	17.80	18.03	0.24	1.22	1.95	2.19
2200	8.42	11.68	12.26	13.61	14.35	16.00	16.90	18.02	0.25	1.24	1.99	2.24
2250	8.43	11.69	12.29	13.58	14.29	16.00	16.89	18.01	0.25	1.27	2.04	2.29
2300	8.44	11.90	12.29	13.56	14.28	15.98	16.73		0.26	1.30	2.08	2.34
2350	8.45	11.91	12.30	13.55	14.21	15.94	16.73		0.27	1.33	2.13	2.39
2400	8.61	11.14	12.54	13.49	14.19	15.41	16.45		0.27	1.36	2.20	2.44
2450	8.45	10.83	11.91	13.45	14.18	15.39	16.41		0.28	1.39	2.22	2.49
2500	8.35	10.82	11.89	13.37	14.15	15.01	16.40		0.28	1.41	2.26	2.54
2550	8.25	10.70	11.76	13.33	13.94				0.29	1.44	2.31	2.60
2600	8.24	10.69	11.75	13.16	13.91				0.29	1.47	2.35	2.65
2650	8.21	10.65	11.65	13.12	13.61				0.30	1.50	2.40	2.70
2700	7.86	10.20	11.42	12.49	13.59				0.31	1.53	2.44	2.75
2750	7.75	10.19	11.41	12.45	13.49				0.31	1.56	2.49	2.80
2800	7.66	10.14	11.12	12.42					0.32	1.58	2.53	2.85
2850	7.54	10.13	11.11	12.34					0.32	1.61	2.58	2.90
2900	7.51	10.10	10.75	11.91					0.33	1.64	2.63	2.95
2950	7.40	9.47	10.73	11.87					0.33	1.67	2.67	3.00
3000	7.40	9.39	10.55	11.86					0.34	1.70	2.72	3.05
3050	6.98	9.23							0.35	1.73	2.76	3.10
3100	6.75	9.23							0.35	1.75	2.81	3.15
3150	6.63	8.62							0.36	1.78	2.85	3.21
3200	6.61	8.61							0.36	1.81	2.90	3.26
3250	6.52	8.59							0.37	1.84	2.94	3.31

Table 9:
Section C: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	300	315	335	355	375	400	450	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	11.13	11.94	12.98	14.00	15.79	16.22	18.58	0.08	0.40	0.63	0.71
950	14.01	14.98	16.24	17.47	18.66	20.13	22.79	0.11	0.54	0.86	0.97
1450	18.59	19.63	20.62	22.68	23.13	24.46	26.56	0.16	0.82	1.31	1.48
2850								0.32	1.61	2.58	2.90
50	1.16	1.24	1.34	1.44	1.54	1.67	1.92	0.01	0.03	0.05	0.05
100	2.32	2.48	2.68	2.88	3.08	3.34	3.84	0.01	0.06	0.09	0.10
150	3.48	3.72	4.02	4.32	4.62	5.01	5.76	0.02	0.08	0.14	0.15
200	3.92	4.19	4.55	4.91	5.26	5.70	6.57	0.02	0.11	0.18	0.20
250	4.90	5.24	5.69	6.14	6.58	7.13	8.21	0.03	0.14	0.23	0.25
300	5.55	5.94	6.45	6.97	7.47	8.10	9.34	0.03	0.17	0.27	0.31
350	6.48	6.93	7.53	8.13	8.72	9.45	10.90	0.04	0.20	0.32	0.36
400	7.40	7.92	8.60	9.29	9.96	10.80	12.45	0.05	0.23	0.36	0.41
450	7.81	8.36	9.09	10.45	11.20	11.41	13.14	0.05	0.25	0.41	0.46
500	8.68	9.29	10.10	11.55	12.35	12.68	14.60	0.06	0.28	0.45	0.51
550	9.21	9.86	10.72	11.57	12.41	13.44	15.46	0.06	0.31	0.50	0.56
600	10.05	10.76	11.69	12.62	13.54	14.66	16.87	0.07	0.34	0.54	0.61
650	10.88	11.65	12.67	13.67	14.67	15.88	18.27	0.07	0.37	0.59	0.66
700	11.13	11.94	12.98	14.00	15.79	16.22	18.58	0.08	0.40	0.63	0.71
750	11.93	12.79	13.91	15.00	16.32	17.38	19.91	0.08	0.42	0.68	0.76
800	12.36	13.23	14.36	15.47	16.56	17.89	20.42	0.09	0.45	0.72	0.81
850	13.13	14.06	15.26	16.44	17.60	19.01	21.70	0.10	0.48	0.77	0.87
900	13.91	14.88	16.16	17.40	18.63	20.13	22.69	0.10	0.51	0.81	0.92
950	14.01	14.98	16.24	17.47	18.66	20.13	22.79	0.11	0.54	0.86	0.97
1000	14.75	15.77	17.10	18.39	19.64	21.16	23.99	0.11	0.57	0.91	1.02
1050	15.01	16.03	17.36	18.64	19.88	21.36	24.07	0.12	0.59	0.95	1.07
1100	15.73	16.79	18.19	19.53	20.83	22.38	24.62	0.12	0.62	1.00	1.12
1150	16.44	17.56	18.36	20.42	20.94	22.48	25.11	0.13	0.65	1.04	1.17
1200	16.49	17.61	18.82	20.60	21.42	22.90	25.53	0.14	0.68	1.09	1.22
1250	17.02	18.15	19.60	20.99	22.31	23.30	25.88	0.14	0.71	1.13	1.27
1300	17.11	18.22	19.64	20.98	22.33	23.69	26.17	0.15	0.74	1.18	1.32
1350	17.77	18.92	20.40	21.79	22.86	23.98	26.37	0.15	0.76	1.22	1.37
1400	18.43	19.62	20.60	22.59	22.87	24.26	26.49	0.16	0.79	1.27	1.42
1450	18.59	19.63	20.62	22.68	23.13	24.46	26.56	0.16	0.82	1.31	1.48
1500	18.70	19.86	21.33	22.69	23.93	25.10	26.54	0.17	0.85	1.36	1.53
1550	18.79	19.71	21.36	22.36	23.48	24.70	26.43	0.18	0.88	1.40	1.58
1600	19.20	20.35	21.39	22.50	23.44	24.69	26.24	0.18	0.91	1.45	1.63
1650	19.80	20.98	21.49	22.61	23.43	24.69	25.96	0.19	0.93	1.49	1.68
1700	19.81	20.97	21.54	22.67	24.36	24.59	25.59	0.19	0.96	1.54	1.73
1750	19.85	20.96	22.89	22.66	23.33	24.42	25.13	0.20	0.99	1.58	1.78
1800	19.89	20.95	22.59	22.65				0.20	1.02	1.63	1.83
1850	19.94	20.92	22.55	22.59				0.21	1.05	1.67	1.88
1900	20.48	20.47	21.57	22.44				0.22	1.07	1.72	1.93
1950	19.52	20.47	21.56	22.39				0.22	1.10	1.77	1.98
2000	19.51	20.44	21.32	22.02				0.23	1.13	1.81	2.04
2050	19.44							0.23	1.16	1.86	2.09
2100	19.43							0.24	1.19	1.90	2.14
2150	19.23							0.24	1.22	1.95	2.19
2200	19.21							0.25	1.24	1.99	2.24
2250	19.20							0.25	1.27	2.04	2.29

Table 10:
Section 25: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)													Additional Power (kW) per Belt for speed ratio			
	224	236	250	280	315	355	400	450	500	560	630	710	800	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	6.08	6.91	7.89	9.93	12.24	14.81	17.57	20.49	23.25	26.33	31.16	34.53	37.65	0.12	0.61	0.97	1.09
950	7.34	8.40	9.62	12.17	15.01	18.08	21.29	24.54	27.42	30.36				0.16	0.82	1.32	1.48
1450	8.72	10.09	11.63	14.73	17.99	21.15	23.97	26.07						0.25	1.26	2.01	2.26
50	0.75	0.83	0.92	1.11	1.34	1.59	1.88	2.19	2.50	2.88	3.56	4.35	5.23	0.01	0.04	0.07	0.08
100	1.35	1.50	1.67	2.03	2.46	2.94	3.48	4.07	4.65	5.34	6.16	7.05	8.09	0.02	0.09	0.14	0.16
150	1.88	2.10	2.34	2.88	3.50	4.19	4.96	5.81	6.66	7.65	8.78	10.05	11.46	0.03	0.13	0.21	0.23
200	2.36	2.65	2.97	3.67	4.46	5.37	6.37	7.47	8.55	9.83	11.39	13.05	14.83	0.03	0.17	0.28	0.31
250	2.84	3.18	3.57	4.42	5.39	6.49	7.71	9.04	10.36	11.91	13.76	15.74	17.88	0.04	0.22	0.35	0.39
300	3.26	3.67	4.14	5.14	6.28	7.56	9.00	10.56	12.09	13.90	16.12	18.42	20.93	0.05	0.26	0.42	0.47
350	3.68	4.14	4.68	5.82	7.13	8.60	10.23	12.01	13.75	15.79	18.27	20.84	23.64	0.06	0.30	0.49	0.55
400	4.07	4.59	5.20	6.47	7.95	9.60	11.43	13.41	15.33	17.59	20.42	23.25	26.35	0.07	0.35	0.55	0.62
450	4.44	5.02	5.69	7.12	8.74	10.56	12.56	14.73	16.85	19.30	22.36	25.41	28.64	0.08	0.39	0.62	0.70
500	4.80	5.44	6.17	7.73	9.50	11.48	13.66	16.02	18.29	20.92	24.30	27.56	30.92	0.09	0.43	0.69	0.78
550	5.15	5.83	6.62	8.30	10.23	12.37	14.71	17.23	19.66	22.44	26.00	29.37	32.80	0.10	0.48	0.76	0.86
600	5.47	6.21	7.06	8.87	10.92	13.21	15.72	18.38	20.94	23.85	27.70	31.18	34.68	0.10	0.52	0.83	0.94
650	5.78	6.57	7.49	9.41	11.60	14.03	16.67	19.47	22.14	25.15	29.43	32.85	36.17	0.11	0.56	0.90	1.01
700	6.08	6.91	7.89	9.93	12.24	14.81	17.57	20.49	23.25	26.33	31.16	34.53	37.65	0.12	0.61	0.97	1.09
750	6.36	7.24	8.27	10.42	12.86	15.54	18.43	21.45	24.28	27.40	32.89	36.20	39.14	0.13	0.65	1.04	1.17
800	6.53	7.55	8.63	10.89	13.44	16.24	19.23	22.34	25.22	28.34				0.14	0.69	1.11	1.25
850	6.88	7.85	8.99	11.34	14.00	16.90	19.97	23.14	26.05	29.15				0.15	0.74	1.18	1.33
900	7.12	8.13	9.31	11.77	14.52	17.51	20.66	23.88	26.79	29.82				0.16	0.78	1.25	1.40
950	7.34	8.40	9.62	12.17	15.01	18.08	21.29	24.54	27.42	30.36				0.16	0.82	1.32	1.48
1000	7.54	8.65	9.91	12.54	15.47	18.61	21.86	25.11	27.94	30.73				0.17	0.87	1.39	1.56
1050	7.74	8.88	10.19	12.89	15.89	19.09	22.37	25.61	28.34	30.96				0.18	0.91	1.46	1.64
1100	7.92	9.10	10.44	13.23	16.29	19.53	22.82	26.00	28.63	31.01				0.19	0.95	1.53	1.72
1150	8.08	9.30	10.67	13.52	16.64	19.91	23.20	26.31	28.80	30.90				0.20	1.00	1.60	1.79
1200	8.23	9.58	10.88	13.79	16.96	20.26	23.51	26.53	28.85	30.61				0.21	1.04	1.66	1.87
1250	8.36	9.63	11.07	14.04	17.24	20.54	23.75	26.64	28.75	30.14				0.22	1.08	1.73	1.95
1300	8.47	9.77	11.25	14.26	17.48	20.78	23.93	26.65						0.23	1.13	1.80	2.03
1350	8.57	9.90	11.40	14.45	17.69	20.96	24.01	26.57						0.23	1.17	1.87	2.10
1400	8.66	10.00	11.52	14.61	17.86	21.08	24.03	26.36						0.24	1.21	1.94	2.18
1450	8.72	10.09	11.63	14.73	17.99	21.15	23.97	26.07						0.25	1.26	2.01	2.26
1500	8.77	10.15	11.72	14.84	18.06	21.16	23.82	25.64						0.26	1.30	2.08	2.34
1550	8.80	10.21	11.78	14.91	18.10	21.11								0.27	1.34	2.15	2.42
1600	8.82	10.23	11.81	14.94	18.09	20.99								0.28	1.39	2.22	2.49
1650	8.81	10.24	11.82	14.94	18.04	20.82								0.29	1.43	2.29	2.57
1700	8.78	10.22	11.81	14.92	17.94	20.58								0.29	1.47	2.36	2.65
1750	8.74	10.19	11.77	14.84	17.80	20.27								0.30	1.52	2.43	2.73
1800	8.68	10.12	11.71	14.74	17.60									0.31	1.56	2.50	2.81
1850	8.60	10.05	11.62	14.61	17.37									0.32	1.60	2.57	2.88
1900	8.50	9.94	11.50	14.43	17.07									0.33	1.65	2.64	2.96
1950	8.38	9.81	11.36	14.22	16.71									0.34	1.69	2.70	3.04
2000	8.24	9.66	11.19	13.97	16.32									0.35	1.73	2.77	3.12
2050	8.08	9.48	10.99	13.69										0.36	1.78	2.84	3.20
2100	7.89	9.28	10.75	13.36										0.36	1.82	2.91	3.27
2150	7.68	9.05	10.50	12.99										0.37	1.86	2.98	3.35
2200	7.46	8.81	10.21	12.58										0.38	1.91	3.05	3.43
2250	7.20	8.53	9.89	12.13										0.39	1.95	3.12	3.51
2300	6.93	8.22	9.53											0.40	1.99	3.19	3.59
2350	6.63	7.89	9.16											0.41	2.04	3.26	3.66
2400	6.31	7.53	8.74											0.42	2.08	3.33	3.74
2450	5.97	7.15	8.29											0.42	2.12	3.40	3.82
2500	5.60	6.73	7.81											0.43	2.17	3.47	3.90

Table 11:
Section D: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)									Additional Power (kW) per Belt for speed ratio			
	560	600	630	670	710	750	800	900	1000	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	38.65	40.35	44.01	46.81	49.43	51.85	54.57	58.98		0.23	1.14	1.82	2.05
950	44.72	45.72	49.48	51.61						0.31	1.54	2.47	2.78
20	1.86	1.99	2.15	2.31	2.48	2.64	2.84	3.23	3.94	0.01	0.03	0.05	0.06
40	3.49	3.98	4.02	4.34	4.64	4.95	5.32	6.07	6.53	0.01	0.06	0.10	0.12
60	5.01	5.55	5.80	6.24	6.68	7.12	7.67	8.76	8.06	0.02	0.10	0.16	0.18
80	6.47	6.93	7.49	8.06	8.64	9.22	9.92	11.34	10.35	0.03	0.13	0.21	0.23
100	7.89	8.32	9.14	9.84	10.54	11.25	12.11	13.83	12.63	0.03	0.16	0.26	0.29
120	9.26	9.71	10.73	11.56	12.39	13.22	14.24	16.25	14.92	0.04	0.19	0.31	0.35
140	10.61	11.09	12.30	13.25	14.20	15.14	16.31	18.62	17.02	0.05	0.23	0.36	0.41
160	11.92	12.48	13.82	14.89	15.96	17.01	18.39	20.92	19.12	0.05	0.26	0.42	0.47
180	13.20	13.86	15.31	16.50	17.68	18.85	20.30	23.16	21.22	0.06	0.29	0.47	0.53
200	14.46	15.25	16.77	18.07	19.36	20.64	22.23	25.35	23.20	0.06	0.32	0.52	0.58
220	15.70	16.51	18.20	19.61	21.01	22.40	24.12	27.49	25.17	0.07	0.36	0.57	0.64
240	16.91	17.77	19.60	21.13	22.63	24.12	25.96	29.57	27.15	0.08	0.39	0.62	0.70
260	18.09	19.02	20.98	22.61	24.21	25.80	27.76	31.59	28.98	0.08	0.42	0.68	0.76
280	19.26	20.28	22.33	24.06	25.76	27.44	29.52	33.56	30.81	0.09	0.45	0.73	0.82
300	20.41	21.54	23.66	25.47	27.27	29.04	31.23	35.47	32.64	0.10	0.49	0.78	0.88
320	21.54	22.68	24.95	26.86	28.75	30.61	32.90	37.32	34.33	0.10	0.52	0.83	0.94
340	22.64	23.83	26.22	28.22	30.20	32.13	34.51	39.11	36.03	0.11	0.55	0.88	0.99
360	23.72	24.97	27.46	29.55	31.61	33.62	36.09	40.85	37.72	0.12	0.58	0.94	1.05
380	24.78	26.12	29.68	30.85	32.98	35.06	37.61	42.51	39.48	0.12	0.62	0.99	1.11
400	25.82	27.26	29.86	32.11	34.31	36.47	39.09	44.11	41.24	0.13	0.65	1.04	1.17
420	26.84	28.27	31.02	33.34	35.62	37.83	40.53	45.65	42.99	0.14	0.68	1.09	1.23
440	27.83	29.27	32.05	34.55	36.88	39.14	41.91	47.11	44.75	0.14	0.71	1.14	1.29
460	28.80	30.28	33.25	35.71	38.09	40.43	43.23	48.51	46.51	0.15	0.75	1.20	1.34
480	29.76	31.28	34.32	36.83	39.28	41.65	44.50	49.84	47.86	0.16	0.78	1.25	1.40
500	30.68	32.29	35.36	37.94	40.43	42.83	45.73	51.09	49.21	0.16	0.81	1.30	1.46
520	31.59	33.16	36.37	39.00	41.53	43.96	46.88	52.26	50.56	0.17	0.84	1.35	1.52
540	32.48	34.03	37.36	40.02	42.59	45.06	48.00	53.35	51.91	0.18	0.88	1.40	1.58
560	33.34	34.90	38.30	41.00	43.61	46.08	49.04	54.37	53.26	0.18	0.91	1.46	1.64
580	34.00	35.77	39.22	41.96	44.57	47.07	50.02	55.29	54.13	0.19	0.94	1.51	1.69
600	34.98	36.64	40.11	42.87	45.51	48.01	50.95	56.13	55.00	0.19	0.97	1.56	1.75
620	35.76	37.38	40.95	43.74	46.39	48.89	51.89	56.89	55.88	0.20	1.01	1.61	1.81
640	36.53	38.12	41.77	44.57	47.22	49.71	52.59	57.55	56.75	0.21	1.04	1.66	1.87
660	37.26	38.87	42.55	45.36	48.01	50.48	53.33	58.13	57.62	0.21	1.07	1.72	1.93
680	37.97	39.61	43.29	46.11	48.74	51.19	53.98	58.60		0.22	1.10	1.77	1.99
700	38.65	40.35	44.01	46.81	49.43	51.85	54.57	58.98		0.23	1.14	1.82	2.05
720	39.30	40.93	44.68	47.47	50.06	52.44	55.09	59.25		0.23	1.17	1.87	2.10
740	39.93	41.51	45.31	48.09	50.64	52.97	55.53	59.43		0.24	1.20	1.92	2.16
760	40.53	42.10	45.91	48.66	51.18	53.45	55.90	59.50		0.25	1.23	1.98	2.22
780	41.10	42.68	46.45	49.18	51.65	53.84	55.90	59.50		0.25	1.27	2.03	2.28
800	41.64	43.26	46.97	49.65	52.07	54.19	56.41	59.33		0.26	1.30	2.08	2.34
820	42.16	43.66	47.45	50.09	52.43	54.46				0.27	1.33	2.13	2.40
840	42.63	44.06	47.88	50.46	52.73	54.66				0.27	1.36	2.18	2.45
860	43.08	44.45	48.27	50.79	52.97	54.80				0.28	1.40	2.24	2.51
880	43.50	44.85	48.62	51.06	53.15	54.86				0.29	1.43	2.29	2.57
900	43.89	45.25	48.92	51.29	53.28	54.86				0.29	1.46	2.34	2.63
920	44.25	45.46	49.17	51.46						0.30	1.49	2.39	2.69
940	44.56	45.68	49.38	51.58						0.31	1.53	2.44	2.75
960	44.86	45.89	49.55	51.63						0.31	1.56	2.50	2.81
980	45.11	46.11	49.67	51.64						0.32	1.59	2.55	2.86
1000	45.33	46.32	49.74	51.59						0.32	1.62	2.60	2.92
1020	45.52	46.35	49.76							0.33	1.66	2.65	2.98
1040	45.66	46.39	49.73							0.34	1.69	2.70	3.04
1060	45.78	46.42	49.64							0.34	1.72	2.76	3.10
1080	45.85	46.46	49.52							0.35	1.75	2.81	3.16
1100	45.89	46.49	49.33							0.36	1.79	2.86	3.21
1120	45.90	46.26								0.36	1.82	2.91	3.27
1140	45.85	46.04								0.37	1.85	2.96	3.33
1160	45.78	45.81								0.38	1.88	3.02	3.39
1180	45.65	45.59								0.38	1.92	3.07	3.45
1200	45.50	45.36								0.39	1.95	3.12	3.51

Table 12:
Section E: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)									Additional Power (kW) per Belt for speed ratio			
	400	500	560	630	670	710	750	800	860	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	28.03	33.59	39.81	46.41	49.82	52.97	55.83	59.00	61.69	0.38	1.92	3.07	3.45
950	31.56	37.41	43.40	48.83						0.52	2.60	4.16	4.68
20	1.55	1.82	2.14	2.51	2.71	2.93	3.13	3.39	3.65	0.01	0.05	0.09	0.10
40	2.85	3.36	3.96	4.65	5.06	5.45	5.83	6.32	6.81	0.02	0.11	0.18	0.20
60	4.05	4.79	5.66	6.67	7.24	7.80	8.37	9.07	9.77	0.03	0.16	0.26	0.30
80	5.18	6.14	7.27	8.59	9.33	10.06	10.80	11.70	12.61	0.04	0.22	0.35	0.39
100	6.28	7.44	8.83	10.43	11.34	12.24	13.13	14.25	15.35	0.05	0.27	0.44	0.49
120	7.32	8.70	10.34	12.22	13.28	14.34	15.40	16.71	18.00	0.07	0.33	0.53	0.59
140	8.33	9.92	11.80	13.96	15.18	16.40	17.60	19.09	20.57	0.08	0.38	0.61	0.69
160	9.32	11.10	13.22	15.65	17.02	18.38	19.74	21.41	23.08	0.09	0.44	0.70	0.79
180	10.27	12.25	14.60	17.30	18.82	20.33	21.83	23.68	25.51	0.10	0.49	0.79	0.89
200	11.20	13.38	15.95	18.90	20.56	22.22	23.85	25.87	27.88	0.11	0.55	0.88	0.98
220	12.12	14.48	17.27	20.47	22.27	24.06	25.83	28.02	30.18	0.12	0.60	0.96	1.08
240	13.00	15.55	18.55	22.01	23.95	25.86	27.76	30.10	32.40	0.13	0.66	1.05	1.18
260	13.86	16.59	19.81	23.49	25.57	27.61	29.63	32.12	34.58	0.14	0.71	1.14	1.28
280	14.71	17.62	21.04	24.95	27.15	29.32	31.45	34.09	36.68	0.15	0.77	1.23	1.38
300	15.53	18.61	22.24	26.37	28.69	30.97	33.22	35.99	38.70	0.16	0.82	1.31	1.48
320	16.33	19.59	23.40	27.75	30.19	32.58	34.94	37.83	40.66	0.18	0.88	1.40	1.58
340	17.12	20.54	24.55	29.11	31.65	34.15	36.60	39.61	42.55	0.19	0.93	1.49	1.67
360	17.89	21.47	25.66	30.41	33.06	35.67	38.21	41.33	44.36	0.20	0.99	1.58	1.77
380	18.65	22.38	26.74	31.68	34.44	37.13	39.77	42.98	46.10	0.21	1.04	1.66	1.87
400	19.37	23.26	27.79	32.92	35.76	38.55	41.27	44.56	47.76	0.22	1.09	1.75	1.97
420	20.08	24.12	28.82	34.12	37.06	39.92	42.71	46.08	49.34	0.23	1.15	1.84	2.07
440	20.78	24.95	29.82	35.28	38.30	41.22	44.09	47.53	50.84	0.24	1.20	1.93	2.17
460	21.44	25.77	30.78	36.40	39.49	42.48	45.40	48.90	52.26	0.25	1.26	2.02	2.27
480	22.10	26.55	31.72	37.47	40.63	43.69	46.65	50.20	53.58	0.26	1.31	2.10	2.36
500	22.74	27.32	32.62	38.51	41.73	44.85	47.84	51.42	54.82	0.27	1.37	2.19	2.46
520	23.36	28.06	33.49	39.51	42.78	45.94	48.97	52.58	55.97	0.28	1.42	2.28	2.56
540	23.96	28.64	34.33	40.45	43.78	46.97	50.02	53.64	57.02	0.30	1.48	2.37	2.66
560	24.54	29.47	35.14	41.36	44.73	47.94	51.01	54.62	57.97	0.31	1.53	2.45	2.76
580	25.09	30.14	35.91	42.22	45.62	48.86	51.93	55.51	58.82	0.32	1.59	2.54	2.86
600	25.63	30.78	36.64	43.04	46.46	49.70	52.77	56.33	59.57	0.33	1.64	2.63	2.95
620	26.15	31.40	37.35	43.81	47.24	50.50	53.54	57.05	60.22	0.34	1.70	2.72	3.05
640	26.65	31.99	38.02	44.53	47.98	51.21	54.23	57.69	60.76	0.35	1.75	2.80	3.15
660	27.14	32.55	38.66	45.21	48.65	51.87	54.84	58.22	61.18	0.36	1.81	2.89	3.25
680	27.59	33.08	39.25	45.82	49.26	52.45	55.37	58.66	61.50	0.37	1.86	2.98	3.35
700	28.03	33.59	39.81	46.41	49.82	52.97	55.83	59.00	61.69	0.38	1.92	3.07	3.45
720	28.44	34.07	40.34	46.93	50.31	53.40	56.20	59.24		0.39	1.97	3.15	3.55
740	28.83	34.52	40.82	47.39	50.74	53.77	56.48	59.38		0.41	2.03	3.24	3.64
760	29.20	34.95	41.27	47.81	51.10	54.06	56.68	59.42		0.42	2.08	3.33	3.74
780	29.55	35.34	41.67	48.17	51.40	54.28	56.78	59.35		0.43	2.14	3.42	3.84
800	29.88	35.70	42.04	48.46	51.63	54.42	56.79	59.17		0.44	2.19	3.50	3.94
820	30.18	36.03	42.36	48.71	51.80	54.47				0.45	2.24	3.59	4.04
840	30.46	36.34	42.64	48.90	51.90	54.45				0.46	2.30	3.68	4.14
860	30.72	36.60	42.88	49.03	51.92	54.35				0.47	2.35	3.77	4.24
880	30.94	36.84	43.08	49.09	51.88	54.16				0.48	2.41	3.86	4.33
900	31.15	37.05	43.23	49.10	51.76	53.87				0.49	2.46	3.94	4.43
920	31.33	37.22	43.33	49.04						0.50	2.52	4.03	4.53
940	31.49	37.35	43.39	48.92						0.51	2.57	4.12	4.63
960	31.62	37.46	43.40	48.73						0.53	2.63	4.21	4.73
980	31.73	37.52	43.36	48.47						0.54	2.68	4.29	4.83
1000	31.80	37.56	43.28	48.16						0.55	2.74	4.38	4.92
1020	31.85	37.56	43.14	47.76						0.56	2.79	4.47	5.02
1040	31.87	37.51	42.96	47.31						0.57	2.85	4.56	5.12
1060	31.87	37.44	42.73	46.78						0.58	2.90	4.64	5.22
1080	31.84	37.33	42.44	46.17						0.59	2.96	4.73	5.32
1100	31.78	37.17	42.11	45.50						0.60	3.01	4.82	5.42
1120	31.69	36.98	41.71							0.61	3.07	4.91	5.52
1140	31.58	36.76	41.27							0.62	3.12	4.99	5.61
1160	31.43	36.49	40.76							0.64	3.18	5.08	5.71
1180	31.25	36.18	40.21							0.65	3.23	5.17	5.81
1200	31.04	35.83	39.59							0.66	3.28	5.26	5.91
1220	30.83	35.44								0.67	3.34	5.34	6.01
1240	30.53	35.12								0.68	3.39	5.43	6.11
1260	30.22	34.52								0.69	3.45	5.52	6.21
1280	29.89	34.14								0.70	3.50	5.61	6.30
1300	29.52	33.44								0.71	3.56	5.70	6.40

Table 12:
Section E: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	900	950	1000	1120	1250	1400	1600	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	63.88	65.54						0.38	1.92	3.07	3.45
950								0.52	2.60	4.16	4.68
20	3.90	4.16	4.41	5.26	5.91	6.71	7.74	0.01	0.05	0.09	0.10
40	7.28	7.76	8.24	8.58	9.69	10.98	12.67	0.02	0.11	0.18	0.20
60	10.46	11.16	11.84	11.90	13.47	15.24	17.59	0.03	0.16	0.26	0.30
80	13.52	14.41	15.30	15.24	17.25	19.52	22.51	0.04	0.22	0.35	0.39
100	16.45	17.53	18.62	18.57	21.03	23.81	27.42	0.05	0.27	0.44	0.49
120	19.29	20.56	21.84	21.91	24.81	28.09	32.34	0.07	0.33	0.53	0.59
140	22.05	23.50	24.95	24.96	28.24	31.95	36.75	0.08	0.38	0.61	0.69
160	24.73	26.35	27.97	28.01	31.67	35.81	41.16	0.09	0.44	0.70	0.79
180	27.33	29.13	30.90	31.06	35.10	39.67	45.57	0.10	0.49	0.79	0.89
200	29.85	31.81	33.74	33.86	38.23	43.13	49.41	0.11	0.55	0.88	0.98
220	32.31	34.41	36.49	36.65	41.35	46.60	53.25	0.12	0.60	0.96	1.08
240	34.68	36.93	39.14	39.45	44.48	50.06	57.09	0.13	0.66	1.05	1.18
260	36.98	39.36	41.69	41.97	47.25	53.07	60.33	0.14	0.71	1.14	1.28
280	39.21	41.70	44.15	44.48	50.01	56.07	63.56	0.15	0.77	1.23	1.38
300	41.36	43.96	46.50	47.00	52.78	59.08	66.80	0.16	0.82	1.31	1.48
320	43.43	46.13	48.76	49.24	55.20	61.61	69.36	0.18	0.88	1.40	1.58
340	45.41	48.20	50.91	51.48	57.63	64.15	71.92	0.19	0.93	1.49	1.67
360	47.31	50.17	52.95	53.72	60.05	66.68	74.48	0.20	0.99	1.58	1.77
380	49.12	52.05	54.87	55.67	62.05	68.67	76.23	0.21	1.04	1.66	1.87
400	50.85	53.82	56.67	57.63	64.05	70.66	77.98	0.22	1.09	1.75	1.97
420	52.48	55.48	58.35	59.58	66.05	72.65	79.73	0.23	1.15	1.84	2.07
440	54.01	57.03	59.90	61.19	67.60	74.06	80.61	0.24	1.20	1.93	2.17
460	55.45	58.47	61.33	62.79	69.14	75.35	81.49	0.25	1.26	2.02	2.27
480	56.78	59.79	62.61	64.40	70.69	76.71	82.37	0.26	1.31	2.10	2.36
500	58.01	61.20	63.77	65.64	71.76	77.39		0.27	1.37	2.19	2.46
520	59.14	62.07	64.78	66.88	72.83	78.09		0.28	1.42	2.28	2.56
540	60.14	63.03	65.64	68.12	73.90	78.78		0.30	1.48	2.37	2.66
560	61.05	63.84	66.35	68.97	74.42			0.31	1.53	2.45	2.76
580	61.83	64.52	66.89	69.83	74.95			0.32	1.59	2.54	2.86
600	62.49	65.06	67.28	70.68	75.47			0.33	1.64	2.63	2.95
620	63.03	65.47						0.34	1.70	2.72	3.05
640	63.44	65.71						0.35	1.75	2.80	3.15
660	63.72	65.80						0.36	1.81	2.89	3.25
680	63.87	65.75						0.37	1.86	2.98	3.35
700	63.88	65.54						0.38	1.92	3.07	3.45

Table 13:
Section SPZ/3V: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	63	71	80	85	90	95	100	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	0.49	0.68	0.88	0.99	1.10	1.22	1.32	0.01	0.06	0.09	0.11
950	0.61	0.85	1.12	1.26	1.41	1.56	1.69	0.01	0.09	0.12	0.15
1450	0.85	1.20	1.59	1.81	2.02	2.24	2.45	0.02	0.13	0.19	0.23
2850	1.37	2.01	2.73	3.11	3.48	3.87	4.24	0.04	0.26	0.37	0.46
100	0.10	0.13	0.16	0.18	0.20	0.22	0.24	0.00	0.01	0.01	0.02
200	0.17	0.23	0.29	0.32	0.36	0.40	0.44	0.00	0.02	0.03	0.03
300	0.24	0.32	0.40	0.45	0.51	0.56	0.62	0.00	0.03	0.04	0.05
400	0.29	0.40	0.50	0.57	0.64	0.71	0.79	0.01	0.04	0.05	0.06
500	0.34	0.47	0.60	0.68	0.77	0.86	0.95	0.01	0.05	0.07	0.08
600	0.44	0.60	0.78	0.87	0.97	1.07	1.16	0.01	0.06	0.08	0.10
700	0.49	0.68	0.88	0.99	1.10	1.22	1.32	0.01	0.06	0.09	0.11
800	0.54	0.75	0.98	1.10	1.23	1.36	1.47	0.01	0.07	0.11	0.13
900	0.59	0.82	1.08	1.20	1.35	1.49	1.62	0.01	0.08	0.12	0.15
950	0.61	0.85	1.12	1.26	1.41	1.56	1.69	0.01	0.09	0.12	0.15
1000	0.63	0.88	1.17	1.31	1.47	1.62	1.77	0.01	0.09	0.13	0.16
1100	0.71	0.98	1.29	1.46	1.63	1.80	1.97	0.02	0.10	0.14	0.18
1200	0.75	1.05	1.38	1.56	1.75	1.93	2.11	0.02	0.11	0.16	0.19
1300	0.79	1.11	1.47	1.66	1.86	2.06	2.25	0.02	0.12	0.17	0.21
1400	0.83	1.17	1.55	1.76	1.97	2.18	2.39	0.02	0.13	0.18	0.23
1450	0.85	1.20	1.59	1.81	2.02	2.24	2.45	0.02	0.13	0.19	0.23
1500	0.87	1.23	1.63	1.85	2.08	2.30	2.52	0.02	0.14	0.20	0.24
1600	0.93	1.32	1.76	2.00	2.23	2.47	2.70	0.02	0.15	0.21	0.26
1700	0.97	1.38	1.84	2.09	2.34	2.59	2.83	0.02	0.16	0.22	0.27
1800	1.00	1.43	1.92	2.18	2.44	2.70	2.96	0.03	0.17	0.24	0.29
1900	1.03	1.49	2.00	2.27	2.54	2.81	3.08	0.03	0.18	0.25	0.31
2000	1.07	1.54	2.07	2.36	2.63	2.92	3.20	0.03	0.19	0.26	0.32
2100	1.13	1.63	2.18	2.48	2.73	3.08	3.37	0.03	0.19	0.28	0.34
2200	1.16	1.68	2.25	2.56	2.82	3.19	3.49	0.03	0.19	0.28	0.34
2300	1.19	1.73	2.32	2.64	2.91	3.29	3.60	0.03	0.21	0.30	0.37
2400	1.22	1.78	2.39	2.72	3.00	3.39	3.71	0.03	0.22	0.32	0.39
2500	1.24	1.82	2.46	2.80	3.08	3.49	3.82	0.04	0.23	0.33	0.40
2600	1.31	1.90	2.57	2.93	3.28	3.64	3.99	0.04	0.24	0.34	0.42
2700	1.34	1.94	2.63	3.00	3.36	3.73	4.09	0.04	0.25	0.35	0.44
2800	1.36	1.99	2.70	3.08	3.45	3.82	4.19	0.04	0.26	0.36	0.45
2850	1.37	2.01	2.73	3.11	3.48	3.87	4.24	0.04	0.26	0.37	0.46
2900	1.38	2.03	2.76	3.15	3.52	3.91	4.29	0.04	0.27	0.38	0.47
3000	1.41	2.07	2.81	3.21	3.60	4.00	4.38	0.04	0.28	0.39	0.48
3100	1.45	2.15	2.91	3.33	3.74	4.14	4.54	0.04	0.29	0.41	0.50
3200	1.47	2.19	2.97	3.39	3.81	4.22	4.63	0.05	0.30	0.42	0.52
3300	1.49	2.22	3.02	3.46	3.88	4.30	4.71	0.05	0.31	0.43	0.53
3400	1.51	2.26	3.07	3.52	3.95	4.37	4.79	0.05	0.31	0.45	0.55
3500	1.52	2.29	3.12	3.57	4.01	4.44	4.87	0.05	0.32	0.46	0.56
3600	1.58	2.36	3.22	3.68	4.14	4.59	5.03	0.05	0.33	0.47	0.58
3700	1.60	2.39	3.27	3.73	4.20	4.66	5.10	0.05	0.34	0.49	0.60
3800	1.61	2.42	3.31	3.78	4.26	4.72	5.17	0.05	0.35	0.50	0.61
3900	1.62	2.45	3.35	3.83	4.31	4.78	5.24	0.06	0.36	0.51	0.63
4000	1.63	2.47	3.39	3.88	4.36	4.84	5.30	0.06	0.37	0.53	0.64
4100	1.68	2.55	3.49	4.00	4.49	4.97	5.45	0.06	0.38	0.54	0.66
4200	1.69	2.57	3.53	4.04	4.54	5.02	5.51	0.06	0.39	0.55	0.68
4300	1.70	2.60	3.56	4.08	4.58	5.07	5.56	0.06	0.40	0.57	0.69
4400	1.71	2.61	3.59	4.12	4.62	5.11	5.60	0.06	0.41	0.58	0.71
4500	1.71	2.63	3.62	4.15	4.66	5.16	5.65	0.06	0.42	0.59	0.73
4600	1.76	2.70	3.71	4.26	4.73	5.30	5.79	0.06	0.42	0.59	0.73
4700	1.76	2.72	3.74	4.29	4.76	5.34	5.83	0.07	0.44	0.62	0.76
4800	1.77	2.73	3.76	4.32	4.79	5.37	5.86	0.07	0.44	0.63	0.77
4900	1.77	2.74	3.78	4.34	4.82	5.40	5.89	0.07	0.45	0.64	0.79
5000	1.77	2.75	3.80	4.36	4.84	5.42	6.01	0.07	0.46	0.66	0.81
5100	1.81	2.82	3.89	4.47	5.02	5.55	6.03	0.07	0.47	0.67	0.82
5200	1.81	2.83	3.91	4.49	5.04	5.57	6.05	0.07	0.48	0.68	0.84
5300	1.81	2.83	3.92	4.50	5.05	5.58	6.10	0.08	0.49	0.70	0.85
5400	1.82	2.84	3.93	4.51	5.07	5.66	6.11	0.08	0.50	0.71	0.87
5500	1.82	2.84	3.93	4.52	5.07	5.67	6.11	0.08	0.51	0.72	0.89
5600	1.84	2.90	4.03	4.62	5.18	5.72	6.23	0.08	0.52	0.74	0.90
5800	1.84	2.90	4.03	4.62	5.18	5.72	6.23	0.08	0.54	0.76	0.93
6000	1.84	2.91	4.03	4.70	5.27	5.80	6.23	0.09	0.56	0.79	0.97
6200	1.84	2.92	4.08	4.71	5.24	5.80	6.32	0.09	0.59	0.84	1.03
6400	1.83	2.93	4.10	4.73	5.24	5.81	6.30	0.09	0.61	0.87	1.06
6600	1.81	2.96	4.14	4.74	5.24	5.82	6.30	0.10	0.63	0.89	1.10
6800	1.77	2.92	4.09	4.70	5.23	5.76	6.21	0.10	0.65	0.92	1.13
7000	1.74	2.92	4.09	4.70	5.23	5.76	6.21	0.10	0.67	0.95	1.16
7200	1.74	2.91	4.06	4.69	5.23	5.63	6.06	0.11	0.69	0.97	1.19
7400	1.68	2.85	4.02	4.60	5.11	5.60	6.05	0.11	0.70	1.00	1.22
7600	1.66	2.85	4.02	4.60	5.11	5.56	5.85	0.11	0.72	1.03	1.26
7800	1.59	2.77	3.91	4.47	4.96	5.38	5.82	0.11	0.74	1.05	1.29
8000	1.57	2.76	3.91	4.46	4.94	5.34	5.67	0.11	0.76	1.08	1.32
8200	1.48	2.66	3.78	4.30	4.75	5.11	5.40	0.12	0.78	1.10	1.35
8400	1.39	2.55	3.63	4.13	4.54	4.86	5.10	0.14	0.79	1.13	1.38

Table 13:
Section SPZ/3V: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)								Additional Power (kW) per Belt for speed ratio			
	112	125	132	140	150	160	180	200	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	1.58	1.87	2.02	2.19	2.41	2.61	3.04	3.45	0.01	0.06	0.09	0.11
950	2.04	2.41	2.61	2.83	3.11	3.38	3.93	4.45	0.01	0.09	0.12	0.15
1450	2.96	3.49	3.78	4.10	4.50	4.90	5.66	6.41	0.02	0.13	0.19	0.23
2850	5.11	6.01	6.48	7.01	7.65	8.25	9.39	10.52	0.04	0.26	0.37	0.46
100	0.28	0.33	0.35	0.38	0.42	0.45	0.52	0.59	0.00	0.01	0.01	0.02
200	0.51	0.61	0.64	0.70	0.77	0.83	0.96	1.09	0.00	0.02	0.03	0.03
300	0.72	0.86	0.91	0.99	1.10	1.18	1.37	1.56	0.00	0.03	0.04	0.05
400	0.92	1.10	1.17	1.27	1.42	1.52	1.76	2.01	0.01	0.04	0.05	0.06
500	1.12	1.33	1.41	1.54	1.72	1.84	2.14	2.43	0.01	0.05	0.07	0.08
600	1.39	1.64	1.77	1.92	2.11	2.29	2.66	3.02	0.01	0.06	0.08	0.10
700	1.58	1.87	2.02	2.19	2.41	2.61	3.04	3.45	0.01	0.06	0.09	0.11
800	1.77	2.09	2.26	2.45	2.70	2.93	3.40	3.86	0.01	0.07	0.11	0.13
900	1.95	2.31	2.49	2.71	2.98	3.23	3.75	4.26	0.01	0.08	0.12	0.15
950	2.04	2.41	2.61	2.83	3.11	3.38	3.93	4.45	0.01	0.09	0.12	0.15
1000	2.13	2.52	2.72	2.95	3.25	3.53	4.10	4.65	0.01	0.09	0.13	0.16
1100	2.37	2.79	3.02	3.28	3.60	3.92	4.54	5.16	0.02	0.10	0.14	0.18
1200	2.54	3.00	3.24	3.52	3.87	4.21	4.87	5.53	0.02	0.11	0.16	0.19
1300	2.71	3.20	3.46	3.76	4.13	4.49	5.20	5.90	0.02	0.12	0.17	0.21
1400	2.88	3.39	3.67	3.99	4.38	4.76	5.51	6.25	0.02	0.13	0.18	0.23
1450	2.96	3.49	3.78	4.10	4.50	4.90	5.66	6.41	0.02	0.13	0.19	0.23
1500	3.04	3.58	3.88	4.21	4.62	5.03	5.81	6.58	0.02	0.14	0.20	0.24
1600	3.26	3.85	4.16	4.52	4.95	5.39	6.23	7.05	0.02	0.15	0.21	0.26
1700	3.42	4.04	4.36	4.74	5.19	5.65	6.52	7.37	0.02	0.16	0.22	0.27
1800	3.57	4.22	4.56	4.95	5.42	5.89	6.80	7.67	0.03	0.17	0.24	0.29
1900	3.72	4.39	4.74	5.15	5.64	6.13	7.06	7.96	0.03	0.18	0.25	0.31
2000	3.87	4.56	4.93	5.35	5.85	6.36	7.31	8.23	0.03	0.19	0.26	0.32
2100	4.07	4.81	5.20	5.64	6.17	6.70	7.72	8.68	0.03	0.19	0.28	0.34
2200	4.21	4.98	5.38	5.83	6.37	6.92	7.96	8.93	0.03	0.19	0.28	0.34
2300	4.35	5.13	5.55	6.01	6.57	7.12	8.18	9.26	0.03	0.21	0.30	0.37
2400	4.48	5.29	5.71	6.19	6.76	7.32	8.39	9.48	0.03	0.22	0.32	0.39
2500	4.61	5.44	5.87	6.36	6.94	7.51	8.59	9.68	0.04	0.23	0.33	0.40
2600	4.81	5.67	6.12	6.63	7.25	7.84	8.97	10.01	0.04	0.24	0.34	0.42
2700	4.93	5.81	6.27	6.79	7.42	8.01	9.15	10.18	0.04	0.25	0.35	0.44
2800	5.05	5.95	6.41	6.94	7.58	8.18	9.31	10.45	0.04	0.26	0.36	0.45
2850	5.11	6.01	6.48	7.01	7.65	8.25	9.39	10.52	0.04	0.26	0.37	0.46
2900	5.17	6.08	6.55	7.08	7.73	8.33	9.46	10.59	0.04	0.27	0.38	0.47
3000	5.28	6.20	6.68	7.22	7.87	8.47	9.59	10.70	0.04	0.28	0.39	0.48
3100	5.47	6.43	6.93	7.49	8.16	8.79	9.96	10.99	0.04	0.29	0.41	0.50
3200	5.57	6.55	7.05	7.61	8.29	8.91	10.07	11.07	0.05	0.30	0.42	0.52
3300	5.67	6.66	7.16	7.73	8.40	9.03	10.16	11.27	0.05	0.31	0.43	0.53
3400	5.77	6.76	7.27	7.84	8.51	9.13	10.24	11.31	0.05	0.31	0.45	0.55
3500	5.86	6.86	7.37	7.94	8.60	9.21	10.30	11.32	0.05	0.32	0.46	0.56
3600	6.04	7.08	7.61	8.20	8.88	9.52	10.65	11.56	0.05	0.33	0.47	0.58
3700	6.12	7.17	7.70	8.29	8.96	9.59	10.68	11.56	0.05	0.34	0.49	0.60
3800	6.20	7.25	7.78	8.36	9.12	9.64	10.83	11.67	0.05	0.35	0.50	0.61
3900	6.27	7.32	7.85	8.43	9.18	9.68	10.83	11.67	0.06	0.36	0.51	0.63
4000	6.34	7.51	7.91	8.49	9.23	9.71	10.85	11.68	0.06	0.37	0.53	0.64
4100	6.53	7.57	8.15	8.73	9.41	10.01	11.00	11.68	0.06	0.38	0.54	0.66
4200	6.59	7.63	8.20	8.77	9.44	10.02	11.01	11.53	0.06	0.39	0.55	0.68
4300	6.64	7.78	8.24	8.81	9.55	10.13	11.03	11.36	0.06	0.40	0.57	0.69
4400	6.69	7.82	8.28	8.87	9.55	10.15	11.02	11.30	0.06	0.41	0.58	0.71
4500	6.73	7.86	8.30	8.99	9.55	10.20	11.00	11.29	0.06	0.42	0.59	0.73
4600	6.91	8.00	8.53	9.09	9.70	10.23	10.97		0.06	0.42	0.59	0.73
4700	6.94	8.02	8.54	9.09	9.70	10.23	10.85		0.07	0.44	0.62	0.76
4800	6.97	8.04	8.54	9.17	9.71	10.22	10.85		0.07	0.44	0.63	0.77
4900	6.99	8.16	8.54	9.17	9.71	10.22	10.65		0.07	0.45	0.64	0.79
5000	7.01	8.16	8.71	9.18	9.73	10.16	10.43		0.07	0.46	0.66	0.81
5100	7.18	8.20	8.71	9.18	9.75	10.15			0.07	0.47	0.67	0.82
5200	7.19	8.24	8.73	9.18	9.66	10.01			0.07	0.48	0.68	0.84
5300	7.19	8.24	8.75	9.21	9.66	9.85			0.08	0.49	0.70	0.85
5400	7.22	8.26	8.77	9.22	9.66	9.68			0.08	0.50	0.71	0.87
5500	7.25	8.30	8.76	9.16	9.53				0.08	0.51	0.72	0.89
5600	7.33	8.30	8.75	9.16	9.53				0.08	0.52	0.74	0.90
5800	7.33	8.32	8.71	9.07	9.19				0.08	0.54	0.76	0.93
6000	7.36	8.26	8.62	8.93					0.09	0.56	0.79	0.97
6200	7.33	8.07	8.37	8.76					0.09	0.59	0.84	1.03
6400	7.31	8.07	8.35	8.37					0.09	0.61	0.87	1.06
6600	7.25	7.81							0.10	0.62	0.89	1.10
6800	7.06	7.78							0.10	0.62	0.92	1.13
7000	7.05	7.43							0.10	0.67	0.95	1.16
7200	6.92	7.04							0.11	0.69	0.97	1.19
7400	6.76								0.11	0.70	1.00	1.22
7600	6.58								0.11	0.72	1.03	1.26
7800	6.37								0.11	0.74	1.05	1.29
8000	6.00								0.11	0.76	1.08	1.32

Table 14:
Section SPA: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)								Additional Power (kW) per Belt for speed ratio			
	90	100	112	118	125	132	140	150	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	1.17	1.55	1.99	2.21	2.47	2.72	3.01	3.37	0.02	0.15	0.21	0.26
950	1.45	1.95	2.52	2.81	3.15	3.48	3.85	4.32	0.03	0.20	0.29	0.36
1450	2.01	2.74	3.58	4.01	4.50	4.98	5.53	6.20	0.05	0.31	0.44	0.54
2850	3.13	4.39	5.87	6.59	7.40	8.21	9.11	10.19	0.09	0.61	0.87	1.07
100	0.23	0.30	0.37	0.40	0.45	0.49	0.54	0.60	0.00	0.02	0.03	0.04
200	0.40	0.53	0.66	0.72	0.81	0.89	0.98	1.09	0.01	0.04	0.06	0.07
300	0.54	0.73	0.92	1.00	1.14	1.25	1.38	1.55	0.01	0.06	0.09	0.11
400	0.75	0.97	1.24	1.37	1.52	1.67	1.85	2.06	0.01	0.09	0.12	0.15
500	0.89	1.15	1.49	1.64	1.83	2.01	2.23	2.49	0.02	0.11	0.15	0.19
600	1.01	1.33	1.72	1.90	2.12	2.33	2.59	2.89	0.02	0.13	0.18	0.22
700	1.17	1.55	1.99	2.21	2.47	2.72	3.01	3.37	0.02	0.15	0.21	0.26
800	1.29	1.71	2.21	2.46	2.75	3.03	3.36	3.76	0.03	0.17	0.24	0.30
900	1.40	1.87	2.42	2.69	3.02	3.33	3.69	4.14	0.03	0.19	0.27	0.34
950	1.45	1.95	2.52	2.81	3.15	3.48	3.85	4.32	0.03	0.20	0.29	0.36
1000	1.55	2.06	2.63	2.98	3.34	3.69	4.09	4.58	0.03	0.22	0.31	0.37
1100	1.65	2.21	2.83	3.21	3.60	3.98	4.41	4.94	0.04	0.24	0.34	0.41
1200	1.75	2.35	3.01	3.42	3.85	4.25	4.72	5.29	0.04	0.26	0.37	0.45
1300	1.88	2.54	3.31	3.70	4.15	4.59	5.09	5.71	0.04	0.28	0.40	0.49
1400	1.97	2.67	3.49	3.91	4.39	4.85	5.38	6.04	0.05	0.30	0.43	0.52
1450	2.01	2.74	3.58	4.01	4.50	4.98	5.53	6.20	0.05	0.31	0.44	0.54
1500	2.06	2.80	3.67	4.11	4.61	5.11	5.67	6.36	0.05	0.32	0.46	0.56
1600	2.19	2.97	3.91	4.37	4.90	5.43	6.02	6.76	0.05	0.34	0.49	0.60
1700	2.27	3.09	4.08	4.56	5.12	5.67	6.29	7.06	0.06	0.37	0.52	0.64
1800	2.35	3.21	4.24	4.74	5.32	5.90	6.55	7.35	0.06	0.39	0.55	0.67
1900	2.46	3.37	4.45	4.98	5.60	6.20	6.89	7.73	0.06	0.41	0.58	0.71
2000	2.53	3.48	4.60	5.15	5.80	6.42	7.13	8.00	0.07	0.43	0.61	0.75
2100	2.60	3.58	4.75	5.32	5.98	6.62	7.36	8.26	0.07	0.45	0.64	0.79
2200	2.70	3.74	4.95	5.55	6.24	6.92	7.68	8.61	0.07	0.47	0.67	0.82
2300	2.76	3.84	5.08	5.70	6.41	7.11	7.89	8.85	0.08	0.49	0.70	0.86
2400	2.81	3.92	5.21	5.85	6.58	7.30	8.09	9.07	0.08	0.52	0.73	0.90
2500	2.92	4.07	5.41	6.07	6.82	7.56	8.39	9.41	0.08	0.54	0.76	0.94
2600	2.97	4.15	5.53	6.20	6.97	7.73	8.57	9.61	0.09	0.56	0.79	0.97
2700	3.01	4.23	5.64	6.33	7.11	7.88	8.74	9.79	0.09	0.58	0.82	1.01
2800	3.11	4.36	5.82	6.53	7.34	8.14	9.03	10.11	0.09	0.60	0.86	1.05
2850	3.13	4.39	5.87	6.59	7.40	8.21	9.11	10.19	0.09	0.61	0.87	1.07
2900	3.15	4.43	5.92	6.64	7.47	8.28	9.18	10.27	0.10	0.62	0.89	1.09
3000	3.18	4.49	6.01	6.74	7.58	8.40	9.31	10.41	0.10	0.65	0.92	1.12
3100	3.26	4.61	6.18	6.94	7.80	8.64	9.58	10.70	0.10	0.67	0.95	1.16
3200	3.29	4.66	6.26	7.03	7.90	8.75	9.69	10.82	0.11	0.69	0.98	1.20
3300	3.31	4.71	6.33	7.11	7.99	8.84	9.79	10.91	0.11	0.71	1.01	1.24
3400	3.39	4.83	6.49	7.29	8.19	9.07	10.03	11.18	0.11	0.73	1.04	1.27
3500	3.40	4.87	6.55	7.36	8.26	9.14	10.10	11.25	0.12	0.75	1.07	1.31
3600	3.41	4.90	6.60	7.41	8.32	9.21	10.16	11.30	0.12	0.77	1.10	1.35
3700	3.49	5.01	6.74	7.57	8.51	9.41	10.39	11.55	0.12	0.80	1.13	1.39
3800	3.49	5.03	6.78	7.61	8.55	9.45	10.42	11.57	0.13	0.82	1.16	1.42
3900	3.49	5.04	6.80	7.64	8.58	9.48	10.44	11.57	0.13	0.84	1.19	1.46
4000	3.55	5.14	6.94	7.79	8.75	9.66	10.54	11.65	0.13	0.86	1.22	1.50
4100	3.56	5.14	6.95	7.80	8.76	9.66	10.60	11.70	0.14	0.88	1.25	1.54
4200	3.57	5.14	6.95	7.80	8.76	9.77	10.61	11.70	0.14	0.90	1.28	1.57
4300	3.58	5.23	7.00	7.95	8.85	9.82	10.79	11.89	0.14	0.93	1.31	1.61
4400	3.55	5.23	7.02	7.95	8.89	9.85	10.79	11.80	0.15	0.95	1.34	1.65
4500	3.52	5.24	7.04	7.95	8.95	9.86	10.80	11.75	0.15	0.97	1.37	1.69
4600	3.52	5.27	7.06	8.03	8.99	9.88	10.82	11.71	0.15	0.99	1.41	1.72
4700	3.52	5.28	7.06	8.03	8.99	9.90	10.81	11.71	0.16	1.01	1.44	1.76
4800	3.50	5.29	7.08	8.04	8.98	9.89	10.80	11.71	0.16	1.03	1.47	1.80
4900	3.45	5.29	7.08	8.05	8.97	9.88	10.72	11.67	0.16	1.05	1.50	1.84
5000	3.45	5.21	7.09	7.95	8.87	9.85	10.56	11.46	0.17	1.08	1.53	1.87
5100	3.41	5.14	7.09	7.86	8.76	9.80	10.49	11.22	0.17	1.10	1.56	1.91
5200	3.41	5.11	7.10	7.85	8.75	9.75	10.39	11.10	0.17	1.12	1.59	1.95
5300	3.38	5.10	7.00	7.84	8.72	9.68	10.28	11.04	0.18	1.14	1.62	1.99
5400	3.35	5.05	6.90	7.79	8.57	9.55	10.05	10.74	0.18	1.16	1.65	2.02
5500	3.33	5.02	6.89	7.79	8.55	9.41	10.00	10.60	0.18	1.18	1.68	2.06
5600	3.24	5.00	6.83	7.64	8.37	9.19	9.86	10.46	0.19	1.21	1.71	2.10
5700	3.16	4.90	6.70	7.48	8.17	8.96	9.57	10.09	0.19	1.23	1.74	2.13
5800	3.15	4.89	6.70	7.48	8.15	8.90	9.55	10.00	0.19	1.25	1.77	2.17
5900	3.07	4.81	6.59	7.36	8.12	8.74	9.29	9.70	0.20	1.27	1.80	2.21
6000	2.97	4.79	6.42	7.16	7.95	8.55	8.94	9.25	0.20	1.29	1.83	2.25
6100	2.96	4.70	6.40	7.16	7.92	8.49	8.90		0.20	1.31	1.86	2.28
6200	2.94	4.56	6.27	6.97	7.65	8.17	8.60		0.21	1.33	1.89	2.32
6300	2.90	4.52	6.07	6.75	7.37	7.83	8.18		0.21	1.36	1.92	2.36
6400	2.71	4.42	6.04	6.75	7.37	7.70	8.14		0.21	1.38	1.96	2.40
6500	2.57	4.25	5.87	6.49	7.07	7.46	7.68		0.22	1.40	1.99	2.43
6600	2.52	4.07	5.63	6.21	6.73				0.22	1.42	2.02	2.47
6700	2.42	4.07	5.62	6.21	6.72				0.22	1.44	2.05	2.51
6800	2.26	3.87	5.36	5.91	6.36				0.23	1.46	2.08	2.55
6900	2.09	3.67	5.08	5.59	5.97				0.23	1.48	2.11	2.58
7000	2.07	3.66	5.07	5.56	5.94				0.23	1.51	2.14	2.62

Table 14:
Section SPA: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	160	180	200	224	250	280	315	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	3.73	4.44	5.14	5.97	6.85	7.86	9.01	0.02	0.15	0.21	0.26
950	4.79	5.71	6.61	7.67	8.79	10.06	11.49	0.03	0.20	0.29	0.36
1450	6.88	8.19	9.46	10.93	12.47	14.17	16.01	0.05	0.31	0.44	0.54
2850	11.22	13.17	14.92	16.10	18.30	19.67	20.41	0.09	0.61	0.87	1.07
100	0.65	0.77	0.89	1.03	1.18	1.35	1.55	0.00	0.02	0.03	0.04
200	1.19	1.41	1.64	1.90	2.18	2.50	2.87	0.01	0.04	0.06	0.07
300	1.68	2.00	2.33	2.71	3.11	3.57	4.10	0.01	0.06	0.09	0.11
400	2.28	2.70	3.12	3.63	4.16	4.78	5.49	0.01	0.09	0.12	0.15
500	2.75	3.27	3.78	4.40	5.04	5.79	6.65	0.02	0.11	0.15	0.19
600	3.21	3.81	4.41	5.14	5.89	6.76	7.76	0.02	0.13	0.18	0.22
700	3.73	4.44	5.14	5.97	6.85	7.86	9.01	0.02	0.15	0.21	0.26
800	4.16	4.96	5.74	6.67	7.65	8.77	10.04	0.03	0.17	0.24	0.30
900	4.58	5.46	6.33	7.34	8.42	9.64	11.02	0.03	0.19	0.27	0.34
950	4.79	5.71	6.61	7.67	8.79	10.06	11.49	0.03	0.20	0.29	0.36
1000	5.07	6.04	7.00	8.12	9.32	10.66	12.18	0.03	0.22	0.31	0.37
1100	5.47	6.52	7.55	8.75	10.04	11.46	13.07	0.04	0.24	0.34	0.41
1200	5.86	6.98	8.08	9.36	10.72	12.22	13.90	0.04	0.26	0.37	0.45
1300	6.33	7.54	8.72	10.10	11.55	13.17	14.96	0.04	0.28	0.40	0.49
1400	6.70	7.98	9.22	10.66	12.17	13.85	15.68	0.05	0.30	0.43	0.52
1450	6.88	8.19	9.46	10.93	12.47	14.17	16.01	0.05	0.31	0.44	0.54
1500	7.05	8.39	9.69	11.20	12.76	14.48	16.33	0.05	0.32	0.46	0.56
1600	7.49	8.91	10.29	11.89	13.54	15.34	17.29	0.05	0.34	0.49	0.60
1700	7.82	9.30	10.73	12.37	14.06	15.88	17.81	0.06	0.37	0.52	0.64
1800	8.14	9.67	11.14	12.83	14.54	16.35	18.26	0.06	0.39	0.55	0.67
1900	8.56	10.17	11.71	13.47	15.75	17.14	19.10	0.06	0.41	0.58	0.71
2000	8.86	10.51	12.08	13.87	16.18	17.51	19.40	0.07	0.43	0.61	0.75
2100	9.14	10.83	12.43	14.23	16.55	17.82	19.60	0.07	0.45	0.64	0.79
2200	9.53	11.29	12.95	14.81	16.65	18.52	20.32	0.07	0.47	0.67	0.82
2300	9.79	11.57	13.25	15.11	16.92	18.71	20.36	0.08	0.49	0.70	0.86
2400	10.02	11.84	13.52	15.36	17.13	18.82	20.50	0.08	0.52	0.73	0.90
2500	10.39	12.26	14.00	15.90	17.70	19.41	20.87	0.08	0.54	0.76	0.94
2600	10.60	12.48	14.22	16.09	17.82	19.55	20.62	0.09	0.56	0.79	0.97
2700	10.79	12.68	14.41	16.09	17.87	19.65	20.60	0.09	0.58	0.82	1.01
2800	11.14	13.09	14.85	16.10	18.20	19.78	20.58	0.09	0.60	0.86	1.05
2850	11.22	13.17	14.92	16.10	18.30	19.67	20.41	0.09	0.61	0.87	1.07
2900	11.30	13.25	14.98	16.11	18.40	19.53	20.10	0.10	0.62	0.89	1.09
3000	11.45	13.38	15.08	16.11	18.50	19.19		0.10	0.65	0.92	1.12
3100	11.77	13.74	15.47	17.20	18.60			0.10	0.67	0.95	1.16
3200	11.88	13.83	15.51	17.25	18.37			0.11	0.69	0.98	1.20
3300	11.97	13.89	15.60	17.30	18.06			0.11	0.71	1.01	1.24
3400	12.26	14.21	15.70	17.35	18.00			0.11	0.73	1.04	1.27
3500	12.32	14.22	15.80	17.14	17.95			0.12	0.75	1.07	1.31
3600	12.35	14.30	15.90	16.87				0.12	0.77	1.10	1.35
3700	12.62	14.40	15.95	16.80				0.12	0.80	1.13	1.39
3800	12.62	14.45	15.77	16.78				0.13	0.82	1.16	1.42
3900	12.70	14.50	15.60	16.36				0.13	0.84	1.19	1.46
4000	12.82	14.55	15.55	16.30				0.13	0.86	1.22	1.50
4100	12.83	14.39	15.48					0.14	0.88	1.25	1.54
4200	12.84	14.38	15.40					0.14	0.90	1.28	1.57
4300	12.86	14.37	15.30					0.14	0.93	1.31	1.61
4400	12.73	14.25	14.87					0.15	0.95	1.34	1.65
4500	12.57	13.84	14.39					0.15	0.97	1.37	1.69
4600	12.57	13.80						0.15	0.99	1.41	1.72
4700	12.53	13.63						0.16	1.01	1.44	1.76
4800	12.29	13.40						0.16	1.03	1.47	1.80
4900	12.25	13.33						0.16	1.05	1.50	1.84
5000	12.15	12.87						0.17	1.08	1.53	1.87
5100	11.84							0.17	1.10	1.56	1.91
5200	11.70							0.17	1.12	1.59	1.95
5300	11.56							0.18	1.14	1.62	1.99
5400	11.17							0.18	1.16	1.65	2.02
5500	11.00							0.18	1.18	1.68	2.06
5600								0.19	1.21	1.71	2.10
5700								0.19	1.23	1.74	2.13
5800								0.19	1.25	1.77	2.17
5900								0.20	1.27	1.80	2.21
6000								0.20	1.29	1.83	2.25

Table 15:
Section SPB/5V: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	140	150	160	180	190	200	212	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	3.43	4.00	4.62	5.77	6.34	6.91	7.59	0.05	0.33	0.47	0.58
950	4.36	5.13	5.84	7.33	8.06	8.79	9.67	0.07	0.45	0.64	0.78
1450	6.07	7.13	8.22	10.35	11.40	12.42	13.63	0.11	0.69	0.97	1.20
2850	9.03	10.79	12.49	15.64	17.11	18.49	20.10	0.21	1.35	1.92	2.35
100	0.66	0.76	0.85	1.04	1.14	1.23	1.35	0.01	0.05	0.07	0.08
200	1.16	1.35	1.52	1.88	2.07	2.23	2.46	0.01	0.09	0.13	0.16
300	1.71	1.97	2.12	2.64	2.91	3.15	3.48	0.02	0.14	0.20	0.25
400	2.15	2.48	2.87	3.56	3.91	4.25	4.66	0.03	0.19	0.27	0.33
500	2.55	2.96	3.44	4.28	4.71	5.12	5.62	0.04	0.24	0.34	0.41
600	3.05	3.55	3.97	4.96	5.46	5.95	6.53	0.04	0.28	0.40	0.49
700	3.43	4.00	4.62	5.77	6.34	6.91	7.59	0.05	0.33	0.47	0.58
800	3.85	4.51	5.12	6.41	7.05	7.69	8.45	0.06	0.38	0.54	0.66
900	4.20	4.93	5.60	7.03	7.73	8.43	9.27	0.07	0.43	0.61	0.74
950	4.36	5.13	5.84	7.33	8.06	8.79	9.67	0.07	0.45	0.64	0.78
1000	4.52	5.32	6.20	7.78	8.56	9.33	10.25	0.07	0.47	0.67	0.82
1100	4.95	5.83	6.65	8.36	9.20	10.03	11.02	0.08	0.52	0.74	0.91
1200	5.25	6.20	7.08	8.91	9.80	10.69	11.74	0.09	0.57	0.81	0.99
1300	5.54	6.63	7.63	9.60	10.57	11.52	12.65	0.10	0.62	0.87	1.07
1400	5.94	6.97	8.03	10.11	11.13	12.13	13.31	0.10	0.66	0.94	1.15
1450	6.07	7.13	8.22	10.35	11.40	12.42	13.63	0.11	0.69	0.97	1.20
1500	6.20	7.29	8.40	10.59	11.66	12.70	13.94	0.11	0.71	1.01	1.24
1600	6.54	7.73	8.92	11.23	12.36	13.48	14.79	0.12	0.76	1.08	1.32
1700	6.78	8.02	9.26	11.66	12.83	13.99	15.34	0.12	0.81	1.14	1.40
1800	7.08	8.40	9.58	12.07	13.27	14.47	15.85	0.13	0.85	1.21	1.48
1900	7.29	8.66	10.05	12.67	13.93	15.18	16.63	0.14	0.90	1.28	1.57
2000	7.48	8.89	10.33	13.02	14.31	15.59	17.06	0.15	0.95	1.34	1.65
2100	7.81	9.28	10.59	13.34	14.65	15.95	17.44	0.15	0.99	1.41	1.73
2200	7.97	9.48	11.03	13.89	15.26	16.59	18.14	0.16	1.04	1.48	1.81
2300	8.22	9.79	11.24	14.15	15.54	16.88	18.43	0.17	1.09	1.55	1.90
2400	8.41	9.95	11.43	14.38	15.77	17.12	18.66	0.18	1.14	1.61	1.98
2500	8.58	10.09	11.83	14.88	16.32	17.70	19.29	0.18	1.18	1.68	2.06
2600	8.74	10.42	11.97	15.05	16.48	17.86	19.43	0.19	1.23	1.75	2.14
2700	8.82	10.52	12.09	15.17	16.60	17.96	19.50	0.20	1.28	1.82	2.23
2800	9.01	10.76	12.45	15.61	17.08	18.48	20.05	0.21	1.33	1.88	2.31
2850	9.03	10.79	12.49	15.64	17.11	18.49	20.10	0.21	1.35	1.92	2.35
2900	9.05	10.82	12.52	15.67	17.12	18.49	20.15	0.21	1.37	1.95	2.39
3000	9.07	10.85	12.55	15.68	17.20	18.79	20.20	0.22	1.42	2.02	2.47
3100	9.30	11.12	12.65	15.72	17.30	18.88	20.37	0.23	1.47	2.08	2.56
3200	9.32	11.13	12.75	15.74	17.40	18.93	20.30	0.23	1.52	2.15	2.64
3300	9.33	11.14	12.79	15.84	17.50	18.93	20.25	0.24	1.56	2.22	2.72
3400	9.35	11.18	12.80	15.90	17.63	18.89	20.22	0.25	1.61	2.29	2.80
3500	9.40	11.27	12.82	16.05	17.39	18.58	20.06	0.26	1.66	2.35	2.89
3600	9.45	11.33	12.82	16.06	17.36	18.50	19.84	0.26	1.71	2.42	2.97
3700	9.42	11.25	13.04	16.08	17.36	18.47	19.57	0.27	1.75	2.49	3.05
3800	9.38	11.19	12.84	15.76	16.96	17.97	18.94	0.28	1.80	2.55	3.13
3900	9.21	11.05	12.77	15.58	16.75	17.67	18.83	0.29	1.85	2.62	3.21
4000	9.13	11.00	12.59	15.39	16.68	17.58	18.36	0.29	1.89	2.69	3.30
4100	9.02	10.97	12.46	15.12	16.11	16.89		0.30	1.94	2.76	3.38
4200	8.89	10.69	12.23	14.71	16.00	16.71		0.31	1.99	2.82	3.46
4300	8.86	10.65	12.11	14.60	15.58	16.19		0.32	2.04	2.89	3.54
4400	8.57	10.30	11.81	14.09	14.83	15.29		0.32	2.08	2.96	3.63
4500	8.30	9.99	11.42	13.45	14.60	14.30		0.33	2.13	3.03	3.71
4600	8.25	9.92	11.35	13.41				0.34	2.18	3.09	3.79
4700	7.93	9.55	10.89	12.67				0.34	2.23	3.16	3.87
4800	7.82	9.41	10.31	12.38				0.35	2.27	3.23	3.96
4900	7.39	8.90	10.31	11.78				0.36	2.32	3.29	4.04
5000	6.93	8.35	9.65	10.82				0.37	2.37	3.36	4.12
5100	6.92	8.33	8.94					0.37	2.42	3.43	4.20
5200	6.92	7.71	8.89					0.38	2.46	3.50	4.29
5300	6.91	7.46	8.10					0.39	2.51	3.56	4.37
5400	5.79	6.77	7.26					0.40	2.56	3.63	4.45
5500	5.18	6.03	7.14					0.40	2.61	3.70	4.53

Table 15:
Section SPB/5V: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)								Additional Power (kW) per Belt for speed ratio			
	224	236	250	280	315	355	375	400	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	8.26	8.92	9.70	11.33	13.21	15.30	16.33	17.59	0.05	0.33	0.47	0.58
950	10.52	11.36	12.35	14.41	16.74	19.29	20.53	22.02	0.07	0.45	0.64	0.78
1450	14.83	16.00	17.33	20.09	23.09	26.22	27.66	29.35	0.11	0.69	0.97	1.20
2850	21.57	22.85	24.06	26.20	27.41				0.21	1.35	1.92	2.35
100	1.46	1.57	1.70	1.98	2.30	2.66	2.84	3.07	0.01	0.05	0.07	0.08
200	2.67	2.87	3.12	3.64	4.24	4.91	5.25	5.68	0.01	0.09	0.13	0.16
300	3.77	4.07	4.42	5.17	6.03	6.99	7.47	8.09	0.02	0.14	0.20	0.25
400	5.06	5.47	5.94	6.93	8.08	9.38	10.03	10.82	0.03	0.19	0.27	0.33
500	6.10	6.60	7.17	8.37	9.76	11.33	12.11	13.06	0.04	0.24	0.34	0.41
600	7.10	7.68	8.35	9.75	11.36	13.18	14.08	15.16	0.04	0.28	0.40	0.49
700	8.26	8.92	9.70	11.33	13.21	15.30	16.33	17.59	0.05	0.33	0.47	0.58
800	9.20	9.93	10.80	12.61	14.69	16.98	18.11	19.48	0.06	0.38	0.54	0.66
900	10.09	10.90	11.85	13.82	16.08	18.55	19.76	21.21	0.07	0.43	0.61	0.74
950	10.52	11.36	12.35	14.41	16.74	19.29	20.53	22.02	0.07	0.45	0.64	0.78
1000	11.16	12.06	13.10	15.28	17.75	20.47	21.79	23.39	0.07	0.47	0.67	0.82
1100	11.99	12.96	14.07	16.39	18.99	21.84	23.21	24.85	0.08	0.52	0.74	0.91
1200	12.78	13.80	14.98	17.42	20.14	23.07	24.47	26.13	0.09	0.57	0.81	0.99
1300	13.77	14.87	16.13	18.76	21.67	24.79	26.26	28.02	0.10	0.62	0.87	1.07
1400	14.49	15.63	16.95	19.67	22.64	25.78	27.24	28.96	0.10	0.66	0.94	1.15
1450	14.83	16.00	17.33	20.09	23.09	26.22	27.66	29.35	0.11	0.69	0.97	1.20
1500	15.16	16.35	17.70	20.49	23.50	26.62	28.03	30.35	0.11	0.71	1.01	1.24
1600	16.07	17.33	18.76	21.69	24.86	28.11	29.58	31.26	0.12	0.76	1.08	1.32
1700	16.66	17.95	19.40	22.36	25.51	28.66	30.04	31.57	0.12	0.81	1.14	1.40
1800	17.19	18.51	19.98	22.94	26.03	29.68	31.04	32.53	0.13	0.85	1.21	1.48
1900	18.04	19.40	20.94	24.02	27.20	30.25	31.53	32.86	0.14	0.90	1.28	1.57
2000	18.48	19.85	21.39	24.43	27.48	30.28	31.84	32.99	0.15	0.95	1.34	1.65
2100	18.87	20.24	21.76	24.73	28.24	30.94	31.96	32.89	0.15	0.99	1.41	1.73
2200	19.62	21.04	22.61	25.65	28.58	31.05	31.90	32.57	0.16	1.04	1.48	1.81
2300	19.90	21.31	22.84	25.76	28.70	30.98	31.63		0.17	1.09	1.55	1.90
2400	20.12	21.50	22.99	26.31	28.91	30.74	31.16		0.18	1.14	1.61	1.98
2500	20.79	22.20	23.72	26.50	28.88	30.31			0.18	1.18	1.68	2.06
2600	20.89	22.26	23.72	26.55	28.71				0.19	1.23	1.75	2.14
2700	20.93	22.60	23.85	26.60	28.41				0.20	1.28	1.82	2.23
2800	21.50	22.82	23.99	26.49	27.96				0.21	1.33	1.88	2.31
2850	21.57	22.85	24.06	26.20	27.41				0.21	1.35	1.92	2.35
2900	21.60	22.90	24.08	26.00	26.82				0.21	1.37	1.95	2.39
3000	21.65	22.91	24.13	25.96					0.22	1.42	2.02	2.47
3100	21.70	22.85	23.98						0.23	1.47	2.08	2.56
3200	21.65	22.65	23.40						0.23	1.52	2.15	2.64
3300	21.45	22.52	23.30						0.24	1.56	2.22	2.72
3400	21.35	22.25	23.01						0.25	1.61	2.29	2.80
3500	20.81	21.55	22.11						0.26	1.66	2.35	2.89
3600	20.78								0.26	1.71	2.42	2.97
3700	20.40								0.27	1.75	2.49	3.05
3800	19.60								0.28	1.80	2.55	3.13
3900	19.41								0.29	1.85	2.62	3.21
4000	18.81								0.29	1.89	2.69	3.30

Table 17:
Section SPC: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	224	250	280	300	315	335	355	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	10.35	12.99	15.98	17.95	19.41	21.33	23.23	0.14	0.90	1.28	1.57
950	13.22	16.63	20.50	23.01	24.87	27.30	29.69	0.19	1.22	1.73	2.13
1450	17.63	22.28	27.35	30.63	32.97	33.82	38.81	0.29	1.86	2.65	3.25
2850	20.63	25.52	29.58					0.57	3.67	5.20	6.38
50	1.08	1.31	1.58	1.75	1.89	2.06	2.23	0.01	0.06	0.09	0.11
100	1.94	2.37	2.88	3.20	3.46	3.78	4.10	0.02	0.13	0.18	0.22
200	3.42	4.23	5.19	5.78	6.28	6.88	7.47	0.04	0.26	0.37	0.45
300	5.16	6.40	7.81	8.75	9.44	10.37	11.29	0.06	0.39	0.55	0.67
350	5.84	7.26	8.88	9.95	10.74	11.81	12.86	0.07	0.45	0.64	0.78
400	6.49	8.09	9.91	11.12	12.00	13.20	14.38	0.08	0.51	0.73	0.90
450	7.28	9.07	11.11	12.46	13.47	14.80	16.12	0.09	0.58	0.82	1.01
500	7.90	9.86	12.10	13.57	14.68	16.13	17.57	0.10	0.64	0.91	1.12
550	8.50	10.63	13.05	14.65	15.85	17.42	18.97	0.11	0.71	1.00	1.23
600	9.23	11.55	14.19	15.93	17.22	18.93	20.62	0.12	0.77	1.10	1.34
650	9.80	12.28	15.10	16.96	18.33	20.15	21.95	0.13	0.84	1.19	1.45
700	10.35	12.99	15.98	17.95	19.41	21.33	23.23	0.14	0.90	1.28	1.57
750	11.05	13.87	17.06	19.16	20.72	22.77	24.80	0.15	0.96	1.37	1.68
800	11.57	14.54	17.90	20.10	21.74	23.88	26.00	0.16	1.03	1.46	1.79
850	12.08	15.19	18.70	21.01	22.71	24.95	27.15	0.17	1.09	1.55	1.90
900	12.74	16.02	19.74	22.16	23.96	26.31	28.63	0.18	1.16	1.64	2.01
950	13.22	16.63	20.50	23.01	24.87	27.30	29.69	0.19	1.22	1.73	2.13
1000	13.67	17.22	21.23	23.82	25.74	28.24	30.70	0.20	1.29	1.83	2.24
1050	14.30	18.02	22.20	24.91	26.92	29.53	32.09	0.21	1.35	1.92	2.35
1100	14.73	18.57	22.88	25.66	27.72	30.39	33.00	0.22	1.41	2.01	2.46
1150	15.13	19.09	23.52	26.37	28.47	31.19	33.85	0.23	1.48	2.10	2.57
1200	15.72	19.84	24.44	27.41	29.58	32.41	35.15	0.24	1.54	2.19	2.69
1250	16.09	20.32	25.03	28.05	30.26	32.55	35.89	0.25	1.61	2.28	2.80
1300	16.45	20.78	25.57	28.65	30.89	32.70	36.57	0.26	1.67	2.37	2.91
1350	17.01	21.49	26.41	29.62	31.93	32.91	37.77	0.27	1.74	2.46	3.02
1400	17.33	21.90	26.90	30.15	32.48	33.39	38.33	0.28	1.80	2.56	3.13
1450	17.63	22.28	27.35	30.63	32.97	33.82	38.81	0.29	1.86	2.65	3.25
1500	18.16	22.94	28.20	31.53	33.93	37.00	39.92	0.30	1.93	2.74	3.36
1550	18.42	23.27	28.58	31.93	34.33	37.39	40.28	0.31	1.99	2.83	3.47
1600	18.66	23.57	28.93	32.28	34.68	37.71	41.07	0.32	2.06	2.92	3.58
1650	19.16	24.20	29.68	33.11	35.56	38.66	41.56	0.33	2.12	3.01	3.69
1700	19.36	24.45	29.95	33.38	35.81	38.86	41.70	0.34	2.19	3.10	3.80
1750	19.54	24.67	30.18	33.59	35.99	39.00	42.35	0.35	2.25	3.19	3.92
1800	19.99	25.25	30.88	34.35	36.80	39.85	42.64	0.36	2.31	3.29	4.03
1850	20.13	25.41	31.03	34.47	36.88	39.86	42.68	0.37	2.38	3.38	4.14
1900	20.24	25.54	31.40	34.53	36.90	40.37	42.70	0.38	2.44	3.47	4.25
1950	20.66	26.07	31.77	35.60	37.61	40.54	42.75	0.39	2.51	3.56	4.36
2000	20.73	26.14	31.80	35.62	37.79	40.65	42.79	0.40	2.57	3.65	4.48
2050	20.77	26.17	32.00	35.65	37.91	40.69	43.11	0.41	2.64	3.74	4.59
2100	21.20	26.60	32.34	35.69	37.97	40.68	42.99	0.42	2.70	3.83	4.70
2150	21.30	26.63	32.40	35.72	37.99	40.50	42.60	0.43	2.77	3.92	4.81
2200	21.40	26.66	32.50	35.73	37.95	40.46	42.51	0.44	2.83	4.02	4.92
2250	21.46	26.68	32.56	35.75	37.85	40.25	42.16	0.45	2.89	4.11	5.04
2300	21.49	26.86	32.58	35.65	37.60	39.97	41.26	0.46	2.96	4.20	5.15
2350	21.53	26.99	32.50	35.54	37.49	39.63	41.21	0.47	3.02	4.29	5.26
2400	21.57	27.05	32.41	35.36	37.22	39.21	40.61	0.48	3.09	4.38	5.37
2450	21.56	26.90	32.20	34.90	36.51	38.28	39.41	0.49	3.15	4.47	5.48
2500	21.53	26.88	32.10	34.84	36.50	38.16	39.16	0.50	3.22	4.56	5.60
2550	21.48	26.84	31.88	34.50	36.05			0.51	3.28	4.66	5.71
2600	21.23	26.48	31.31	33.74	35.12			0.52	3.34	4.75	5.82
2650	21.20	26.40	31.30	33.65	34.40			0.53	3.41	4.84	5.93
2700	21.17	26.33	30.94	33.14	34.30			0.54	3.47	4.93	6.04
2750	20.83	25.85	30.20	32.17	33.59			0.55	3.54	5.02	6.16
2800	20.73	25.65	30.08					0.56	3.60	5.11	6.27
2850	20.63	25.52	29.58					0.57	3.67	5.20	6.38
2900	20.20	24.91	28.66					0.58	3.73	5.29	6.49
2950	19.90	24.80	28.42					0.59	3.79	5.39	6.60
3000	19.86	24.38	27.77					0.60	3.86	5.48	6.70
3050	19.33	23.63	26.66					0.61	3.92	5.57	6.83
3100	19.00	23.43	26.30					0.62	3.99	5.66	6.94
3150	18.84	22.90	25.49					0.63	4.05	5.75	7.05
3200	18.21	22.01	24.19					0.64	4.12	5.84	7.16
3250	17.73	21.72	23.69					0.65	4.18	5.93	7.27
3300	17.56	21.07						0.66	4.24	6.02	7.39
3350	16.82	20.03						0.67	4.31	6.12	7.50
3400	16.56	19.65						0.68	4.37	6.21	7.61
3450	16.02	18.87						0.69	4.44	6.30	7.72
3500	15.17	17.68						0.70	4.50	6.39	7.80

Table 17:
Section SPC: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	375	400	450	500	560	630	710	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	25.11	27.42	31.92	36.24	41.70	47.28	53.19	0.14	0.90	1.28	1.57
950	32.03	34.88	40.32	45.42	51.02	56.77	62.33	0.19	1.22	1.73	2.13
1450	41.52	44.66	50.94	55.51	59.36	61.37		0.29	1.86	2.65	3.25
2850								0.57	3.67	5.20	6.38
50	2.41	2.62	3.05	3.48	3.99	4.58	5.25	0.01	0.06	0.09	0.11
100	4.44	4.84	5.64	6.45	7.41	8.52	9.78	0.02	0.13	0.18	0.22
200	8.11	8.84	10.35	11.85	13.63	15.67	18.02	0.04	0.26	0.37	0.45
300	12.21	13.34	15.60	17.83	20.47	23.50	26.90	0.06	0.39	0.55	0.67
350	13.91	15.20	17.78	20.32	23.31	26.73	30.57	0.07	0.45	0.64	0.78
400	15.56	17.00	19.88	22.71	26.03	29.81	34.05	0.08	0.51	0.73	0.90
450	17.44	19.07	22.28	25.44	29.15	33.37	38.04	0.09	0.58	0.82	1.01
500	19.01	20.78	24.27	27.69	31.68	36.20	41.18	0.10	0.64	0.91	1.12
550	20.52	22.43	26.18	29.83	34.08	38.85	44.66	0.11	0.71	1.00	1.23
600	22.30	24.37	28.44	32.39	36.99	42.13	47.70	0.12	0.77	1.10	1.34
650	23.73	25.93	30.22	34.37	39.17	44.48	50.21	0.13	0.84	1.19	1.45
700	25.11	27.42	31.92	36.24	41.70	47.28	53.19	0.14	0.90	1.28	1.57
750	26.80	29.26	34.04	38.64	43.89	49.62	55.61	0.15	0.96	1.37	1.68
800	28.09	30.65	35.59	40.32	45.66	51.41	57.36	0.16	1.03	1.46	1.79
850	29.31	31.96	37.05	41.88	47.89	53.80	59.77	0.17	1.09	1.55	1.90
900	30.90	33.68	39.03	44.08	49.71	55.63	61.47	0.18	1.16	1.64	2.01
950	32.03	34.88	40.32	45.42	51.02	56.77	62.33	0.19	1.22	1.73	2.13
1000	33.09	35.99	41.51	47.21	52.92	58.71	64.08	0.20	1.29	1.83	2.24
1050	34.58	37.61	43.34	48.62	54.30	59.94	64.95	0.21	1.35	1.92	2.35
1100	35.53	38.60	44.34	49.57	55.07	60.34	65.50	0.22	1.41	2.01	2.46
1150	36.41	39.50	45.81	51.10	56.61	61.76	65.79	0.23	1.48	2.10	2.57
1200	37.80	40.99	46.90	52.16	57.52	62.33	65.72	0.24	1.54	2.19	2.69
1250	38.55	41.74	47.58	52.67	57.69	62.55	65.31	0.25	1.61	2.28	2.80
1300	39.23	42.40	48.82	53.90	58.81	62.73		0.26	1.67	2.37	2.91
1350	40.52	43.77	49.63	54.58	59.19	62.55		0.27	1.74	2.46	3.02
1400	41.06	44.27	49.95	54.61	59.37	62.16		0.28	1.80	2.56	3.13
1450	41.52	44.66	50.94	55.51	59.36	61.37		0.29	1.86	2.65	3.25
1500	42.68	44.95	51.44	55.76	59.15			0.30	1.93	2.74	3.36
1550	42.99	45.14	51.84	55.86				0.31	1.99	2.83	3.47
1600	43.79	46.90	52.10	55.81				0.32	2.06	2.92	3.58
1650	44.24	47.29	52.25	55.59				0.33	2.12	3.01	3.69
1700	44.29	47.50	52.75	54.51				0.34	2.19	3.10	3.80
1750	44.93	47.79	52.19	54.50				0.35	2.25	3.19	3.92
1800	45.16	47.91	51.97					0.36	2.31	3.29	4.03
1850	45.25	47.94	51.62					0.37	2.38	3.38	4.14
1900	45.39	47.87	51.14					0.38	2.44	3.47	4.25
1950	45.39	47.70	50.52					0.39	2.51	3.56	4.36
2000	45.88	47.44	49.76					0.40	2.57	3.65	4.48
2050	45.13	47.07						0.41	2.64	3.74	4.59
2100	44.87	46.60						0.42	2.70	3.83	4.70
2150	44.50	45.45						0.43	2.77	3.92	4.81
2200	44.08	45.33						0.44	2.83	4.02	4.92
2250	43.55	44.53						0.45	2.89	4.11	5.04

Table 18:
Section 8V: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)													Additional Power (kW) per Belt for speed ratio			
	335	355	375	425	450	475	500	530	560	600	630	710	800	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	25.53	28.45	31.34	38.40	41.84	45.21	48.52	52.40	56.18	61.06	64.59	74.10	82.35	0.28	1.83	2.60	3.18
950	32.09	35.77	39.37	48.03	52.17	56.17	60.03	64.47	68.68	73.95	77.62	86.13	93.33	0.38	2.48	3.52	4.32
1450	40.16	44.55	48.70	57.96	61.97	66.25	69.44	72.63	75.10		77.79			0.59	3.79	5.38	6.60
50	2.63	2.89	3.16	3.82	4.15	4.48	4.80	5.19	5.58	6.10	6.48	7.51	8.65	0.02	0.13	0.19	0.23
100	4.75	5.24	5.75	6.99	7.61	8.23	8.83	9.57	10.30	11.28	11.99	13.92	16.05	0.04	0.26	0.37	0.45
150	6.67	7.38	8.11	9.91	10.80	11.70	12.56	13.62	14.67	16.07	17.70	20.53	23.68	0.06	0.39	0.56	0.68
200	8.97	9.94	10.91	13.31	14.51	15.69	16.88	18.29	19.69	21.56	22.94	26.61	30.68	0.08	0.52	0.74	0.91
250	10.78	11.97	13.15	16.07	17.54	18.97	20.42	22.13	23.83	26.09	27.76	32.19	37.07	0.10	0.65	0.93	1.14
300	12.51	13.90	15.29	18.72	20.43	22.10	23.79	25.79	27.77	30.40	32.34	38.90	43.84	0.12	0.78	1.11	1.36
350	14.54	16.16	17.78	21.77	23.74	25.71	27.66	29.98	32.28	35.32	37.57	43.49	49.98	0.14	0.91	1.30	1.59
400	16.17	17.98	19.80	24.26	26.46	28.66	30.83	33.41	35.96	39.32	41.81	48.31	55.37	0.16	1.05	1.48	1.82
450	17.72	19.73	21.73	26.65	29.06	31.47	33.85	36.67	39.97	43.69	46.44	53.59	61.33	0.18	1.18	1.67	2.05
500	19.61	21.83	24.04	29.48	32.16	34.81	37.43	40.54	43.60	47.62	50.59	58.27	66.50	0.20	1.31	1.86	2.27
550	21.07	23.47	25.85	31.71	34.58	37.42	40.22	43.53	46.78	51.03	54.16	62.19	70.67	0.22	1.44	2.04	2.50
600	22.47	25.04	27.58	33.82	36.88	39.89	42.85	46.34	50.41	54.95	58.28	66.79	75.70	0.24	1.57	2.23	2.73
650	24.23	27.00	29.74	36.46	39.75	42.98	46.16	49.91	53.57	58.33	61.80	70.61	79.69	0.26	1.70	2.41	2.96
700	25.53	28.45	31.34	38.40	41.84	45.21	48.52	52.40	56.18	61.06	64.59	74.10	82.35	0.28	1.83	2.60	3.18
750	26.76	29.82	32.85	40.22	44.32	47.29	51.35	55.42	59.88	64.46	68.13	77.26	86.31	0.30	1.96	2.78	3.41
800	28.40	31.66	34.87	42.67	46.45	50.14	53.74	57.94	62.01	67.20	70.92	80.06	88.88	0.32	2.09	2.97	3.64
850	29.52	32.91	36.24	44.29	48.17	51.94	55.61	59.86	63.95	69.12	73.44	82.49	90.92	0.34	2.22	3.15	3.87
900	30.57	34.07	37.51	46.34	50.38	54.29	58.09	62.47	66.67	71.95	75.67	84.52	92.42	0.36	2.35	3.34	4.09
950	32.09	35.77	39.37	48.03	52.17	56.17	60.03	64.47	68.68	73.95	77.62	86.13	93.33	0.38	2.48	3.52	4.32
1000	33.02	36.79	40.48	49.29	53.47	57.49	61.34	65.73	70.48	75.68	79.25	87.31	93.63	0.40	2.61	3.71	4.55
1050	33.86	37.73	41.48	51.09	55.38	59.49	63.42	67.87	72.04	77.95	80.56	88.04	93.28	0.42	2.74	3.90	4.78
1100	35.27	39.29	43.19	52.45	56.79	60.93	64.85	69.27	73.36	78.28	81.53	88.30	92.28	0.44	2.88	4.08	5.00
1150	35.98	40.07	44.01	53.31	57.62	61.70	65.53	70.46	74.44	79.13	82.16	88.06	90.56	0.46	3.01	4.27	5.23
1200	36.61	41.28	45.33	54.82	59.20	63.32	67.17	71.42	75.25	79.66	82.42	87.31	88.14	0.49	3.14	4.45	5.46
1250	37.90	42.16	46.27	55.82	60.19	64.27	68.04	72.16	75.80	79.87	82.31	86.03		0.51	3.27	4.64	5.69
1300	38.38	42.67	46.78	56.23	60.50	65.04	68.71	72.65	76.06	79.74	81.80			0.53	3.40	4.82	5.91
1350	38.77	43.06	47.88	57.44	61.71	65.63	69.17	72.90	76.04	79.25	80.89			0.55	3.53	5.01	6.14
1400	39.93	44.34	48.54	58.04	62.24	66.04	69.42	72.90	75.72	79.56				0.57	3.66	5.19	6.37
1450	40.16	44.55	48.70	58.51	62.60	66.25	69.44	72.63	75.10	77.79				0.59	3.79	5.38	6.60
1500	40.93	45.37	49.56	58.84	62.80	66.27	69.24							0.61	3.92	5.57	6.82
1550	41.31	45.75	49.91	59.01	62.81	66.08	68.80							0.63	4.05	5.75	7.05
1600	41.62	45.64	50.10	59.10	62.65	65.69	68.11							0.65	4.18	5.94	7.28
1650	41.85	46.24	50.30	59.20	62.31	65.08	67.18							0.67	4.31	6.12	7.51
1700	41.99	46.34	50.33	58.61	61.77	64.25	65.99							0.69	4.44	6.31	7.73
1750	42.05	46.20	50.24	58.15	61.05	63.19	64.54							0.71	4.57	6.49	7.96
1800	42.03	46.10	50.04	57.52	60.12									0.73	4.70	6.68	8.19
1850	41.92	46.05	49.71	56.72	58.98									0.75	4.84	6.86	8.42
1900	41.42	45.52	49.26	55.75	57.64									0.77	4.97	7.05	8.64
1950	41.26	45.32	48.69	54.58	56.08									0.79	5.10	7.23	8.87
2000	41.04	44.79	47.93	53.23	54.31									0.81	5.23	7.42	9.10
2050	40.04	43.55	46.39											0.83	5.36	7.61	9.33
2100	39.97	43.40	46.16											0.85	5.49	7.79	9.55
2150	39.29	42.52	45.05											0.87	5.62	7.98	9.78
2200	38.50	41.53	43.79											0.89	5.75	8.16	10.01
2250	37.62	40.41	42.40											0.91	5.88	8.35	10.23

Table 19:
Section ZX: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)										Additional Power (kW) per Belt for speed ratio			
	40	45	50	56	63	71	80	90	100	112	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	0.21	0.27	0.32	0.36	0.43	0.50	0.58	0.66	0.75	0.84	0.00	0.02	0.03	0.04
950	0.27	0.37	0.39	0.48	0.54	0.63	0.73	0.84	0.95	1.08	0.01	0.02	0.04	0.05
1450	0.35	0.45	0.57	0.63	0.74	0.87	1.01	1.17	1.31	1.49	0.01	0.04	0.05	0.08
2850	0.53	0.69	0.83	1.00	1.19	1.40	1.63	1.87	2.11	2.38	0.02	0.07	0.11	0.16
100	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.00	0.00	0.00	0.01
200	0.09	0.11	0.13	0.13	0.15	0.18	0.20	0.23	0.26	0.30	0.00	0.01	0.01	0.01
300	0.11	0.17	0.15	0.18	0.21	0.25	0.29	0.33	0.37	0.42	0.00	0.01	0.01	0.02
400	0.14	0.23	0.22	0.23	0.27	0.32	0.37	0.42	0.47	0.53	0.00	0.01	0.01	0.02
500	0.16	0.29	0.24	0.28	0.33	0.38	0.44	0.50	0.57	0.64	0.00	0.01	0.02	0.03
600	0.19	0.30	0.27	0.32	0.38	0.44	0.51	0.59	0.66	0.75	0.00	0.02	0.02	0.03
700	0.21	0.30	0.32	0.36	0.43	0.50	0.58	0.66	0.75	0.84	0.00	0.02	0.03	0.04
800	0.23	0.31	0.34	0.40	0.47	0.55	0.64	0.74	0.83	0.94	0.01	0.02	0.03	0.05
900	0.25	0.35	0.36	0.44	0.52	0.61	0.70	0.81	0.91	1.03	0.01	0.02	0.03	0.05
950	0.27	0.37	0.39	0.48	0.54	0.63	0.73	0.84	0.95	1.08	0.01	0.02	0.04	0.05
1000	0.29	0.39	0.42	0.51	0.56	0.66	0.76	0.88	0.99	1.12	0.01	0.03	0.04	0.06
1100	0.29	0.39	0.45	0.55	0.61	0.71	0.82	0.94	1.06	1.20	0.01	0.03	0.04	0.06
1200	0.31	0.39	0.48	0.55	0.65	0.76	0.88	1.01	1.14	1.29	0.01	0.03	0.04	0.07
1300	0.34	0.43	0.51	0.58	0.69	0.80	0.93	1.07	1.21	1.37	0.01	0.03	0.05	0.07
1400	0.35	0.44	0.55	0.61	0.73	0.85	0.99	1.13	1.28	1.45	0.01	0.04	0.05	0.08
1450	0.35	0.45	0.57	0.63	0.74	0.87	1.01	1.17	1.31	1.49	0.01	0.04	0.05	0.08
1500	0.36	0.46	0.59	0.64	0.76	0.89	1.04	1.19	1.35	1.52	0.01	0.04	0.06	0.09
1600	0.38	0.47	0.61	0.68	0.80	0.94	1.09	1.25	1.41	1.60	0.01	0.04	0.06	0.09
1700	0.39	0.50	0.63	0.70	0.84	0.98	1.14	1.31	1.48	1.67	0.01	0.04	0.06	0.10
1800	0.41	0.53	0.66	0.73	0.87	1.02	1.19	1.37	1.54	1.74	0.01	0.05	0.07	0.10
1900	0.42	0.55	0.66	0.76	0.90	1.06	1.23	1.42	1.60	1.81	0.01	0.05	0.07	0.11
2000	0.43	0.55	0.66	0.79	0.94	1.10	1.28	1.47	1.66	1.88	0.01	0.05	0.07	0.11
2100	0.45	0.56	0.68	0.82	0.97	1.14	1.33	1.52	1.72	1.94	0.02	0.05	0.08	0.12
2200	0.46	0.57	0.71	0.84	1.00	1.18	1.37	1.58	1.77	2.00	0.02	0.06	0.08	0.13
2300	0.46	0.58	0.72	0.87	1.03	1.21	1.41	1.62	1.83	2.07	0.02	0.06	0.08	0.13
2400	0.47	0.60	0.73	0.89	1.06	1.25	1.45	1.67	1.88	2.13	0.02	0.06	0.09	0.14
2500	0.48	0.62	0.76	0.92	1.09	1.28	1.49	1.72	1.94	2.18	0.02	0.06	0.09	0.14
2600	0.50	0.64	0.78	0.94	1.12	1.32	1.53	1.77	1.99	2.24	0.02	0.07	0.10	0.15
2700	0.52	0.67	0.80	0.96	1.15	1.35	1.57	1.81	2.04	2.30	0.02	0.07	0.10	0.15
2800	0.53	0.69	0.82	0.98	1.17	1.38	1.61	1.85	2.08	2.35	0.02	0.07	0.10	0.16
2850	0.53	0.69	0.83	1.00	1.19	1.40	1.63	1.87	2.11	2.38	0.02	0.07	0.11	0.16
2900	0.54	0.70	0.85	1.01	1.20	1.42	1.65	1.90	2.13	2.40	0.02	0.07	0.11	0.17
3000	0.54	0.71	0.87	1.03	1.23	1.45	1.69	1.94	2.18	2.45	0.02	0.08	0.11	0.17
3100	0.55	0.71	0.88	1.05	1.25	1.48	1.72	1.98	2.22	2.50	0.02	0.08	0.11	0.18
3200	0.56	0.73	0.90	1.07	1.28	1.51	1.76	2.02	2.27	2.55	0.02	0.08	0.12	0.18
3300	0.56	0.74	0.92	1.09	1.30	1.54	1.79	2.06	2.31	2.59	0.02	0.08	0.12	0.19
3400	0.57	0.75	0.93	1.11	1.33	1.56	1.82	2.09	2.35	2.64	0.02	0.09	0.13	0.19
3500	0.58	0.76	0.93	1.13	1.35	1.59	1.85	2.13	2.39	2.68	0.02	0.09	0.13	0.20
3600	0.59	0.77	0.94	1.15	1.37	1.62	1.88	2.16	2.43	2.72	0.02	0.09	0.13	0.21
3700	0.61	0.78	0.96	1.16	1.39	1.65	1.92	2.20	2.46	2.76	0.03	0.09	0.14	0.21
3800	0.61	0.79	0.97	1.18	1.42	1.67	1.94	2.23	2.50	2.80	0.03	0.10	0.14	0.22
3900	0.62	0.81	0.99	1.20	1.44	1.70	1.97	2.26	2.53	2.83	0.03	0.10	0.14	0.22
4000	0.62	0.81	1.00	1.22	1.46	1.72	2.00	2.29	2.57	2.87	0.03	0.10	0.15	0.23
4100	0.63	0.82	1.01	1.23	1.48	1.74	2.03	2.32	2.60	2.90	0.03	0.10	0.15	0.23
4200	0.63	0.84	1.02	1.25	1.50	1.77	2.06	2.35	2.63	2.93	0.03	0.11	0.15	0.24
4300	0.64	0.85	1.04	1.26	1.52	1.79	2.08	2.38	2.66	2.96	0.03	0.11	0.16	0.25
4400	0.64	0.86	1.05	1.28	1.53	1.81	2.11	2.41	2.69	2.99	0.03	0.11	0.16	0.25
4500	0.65	0.86	1.06	1.29	1.55	1.83	2.13	2.43	2.71	3.01	0.03	0.12	0.17	0.26
4600	0.65	0.86	1.07	1.31	1.57	1.85	2.15	2.46	2.74	3.04	0.03	0.12	0.17	0.26
4700	0.65	0.87	1.08	1.32	1.59	1.87	2.17	2.48	2.76	3.06	0.03	0.12	0.17	0.27
4800	0.66	0.87	1.09	1.33	1.60	1.89	2.20	2.51	2.79	3.08	0.03	0.12	0.18	0.27
4900	0.67	0.88	1.10	1.35	1.62	1.91	2.22	2.53	2.81	3.10	0.03	0.13	0.18	0.28
5000	0.67	0.88	1.11	1.36	1.63	1.93	2.24	2.55	2.83	3.12	0.03	0.13	0.18	0.29
5100	0.67	0.90	1.12	1.37	1.65	1.95	2.26	2.57	2.85	3.13	0.03	0.13	0.19	0.29
5200	0.68	0.90	1.13	1.38	1.66	1.96	2.27	2.59	2.86	3.15	0.04	0.13	0.19	0.30
5300	0.68	0.91	1.14	1.39	1.68	1.98	2.29	2.60	2.88	3.16	0.04	0.14	0.20	0.30
5400	0.68	0.91	1.14	1.40	1.69	1.99	2.31	2.62	2.90	3.17	0.04	0.14	0.20	0.31
5500	0.69	0.92	1.15	1.41	1.70	2.01	2.32	2.64	2.91	3.18	0.04	0.14	0.20	0.31
5600	0.69	0.93	1.16	1.42	1.71	2.02	2.34	2.65	2.92	3.19	0.04	0.14	0.21	0.32
5800	0.69	0.94	1.17	1.44	1.74	2.05	2.37	2.68	2.94	3.20	0.04	0.15	0.21	0.33
6000	0.70	0.94	1.19	1.46	1.76	2.07	2.39	2.70	2.96	3.20	0.04	0.15	0.22	0.34
6200	0.70	0.95	1.20	1.48	1.78	2.09	2.41	2.71	2.96	3.19	0.04	0.16	0.23	0.35
6400	0.70	0.96	1.21	1.49	1.80	2.11	2.43	2.73	2.97	3.17	0.04	0.16	0.24	0.37
6600	0.70	0.97	1.22	1.50	1.81	2.13	2.44	2.73	2.96	3.15	0.04	0.17	0.24	0.38
6800	0.70	0.97	1.23	1.51	1.82	2.14	2.45	2.74	2.95	3.12	0.05	0.17	0.25	0.39
7000	0.70	0.97	1.23	1.52	1.83	2.15	2.46	2.73	2.94	3.08	0.05	0.18	0.26	0.40
7200	0.70	0.97	1.24	1.53	1.84	2.16	2.46	2.73	2.92	3.03	0.05	0.18	0.27	0.41
7400	0.69	0.97	1.24	1.54	1.85	2.16	2.46	2.72	2.89	2.98	0.05	0.19	0.27	0.42
7600	0.69	0.98	1.24	1.54	1.85	2.17	2.46	2.70			0.05	0.19	0.28	0.43
7800	0.69	0.97	1.25	1.54	1.86	2.17	2.45	2.68			0.05	0.20	0.29	0.45
8000	0.68	0.97	1.25	1.55	1.86	2.16	2.44	2.65			0.05	0.20	0.30	0.46
8200	0.68	0.97	1.24	1.55	1.86	2.16	2.42				0.06	0.21	0.30	0.47
8400	0.67	0.97	1.24	1.54	1.85	2.15	2.40				0.06	0.21	0.31	0.48

Table 21:
Section BX: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)																Additional Power (kW) per Belt for speed ratio			
	90	100	106	112	118	125	132	140	160	180	190	200	212	224	250	280	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	1.70	2.01	2.20	2.38	2.56	2.77	2.98	3.21	3.79	4.35	4.63	4.90	5.23	5.55	6.22	6.98	0.03	0.12	0.18	0.28
950	2.18	2.60	2.85	3.10	3.34	3.76	3.85	4.36	5.14	5.71	6.28	6.43	6.85	7.53	8.44	8.91	0.04	0.17	0.24	0.37
1450	2.93	3.51	3.85	4.18	4.52	4.90	5.28	5.70	6.74	7.74	8.22	8.70	9.25	9.79	10.73	12.16	0.07	0.26	0.37	0.57
2850	4.19	5.11	5.64	6.16	6.66	7.23	7.78	8.38	9.90	10.99	11.54	12.03	12.57	13.03	13.77		0.13	0.5	0.72	1.12
100	0.37	0.42	0.46	0.49	0.53	0.57	0.61	0.65	0.76	0.87	0.93	0.98	1.04	1.11	1.24	1.40	0.00	0.02	0.03	0.04
200	0.74	0.84	0.92	0.98	1.06	1.14	1.22	1.30	1.52	1.74	1.86	1.96	2.08	2.22	2.48	2.80	0.01	0.04	0.05	0.08
300	1.11	1.26	1.38	1.47	1.59	1.71	1.83	1.95	2.28	2.61	2.79	2.94	3.12	3.33	3.72	4.20	0.01	0.05	0.08	0.12
400	1.11	1.31	1.42	1.54	1.65	1.78	1.91	2.06	2.43	2.78	2.96	3.13	3.34	3.54	3.98	4.47	0.02	0.07	0.1	0.16
500	1.39	1.64	1.78	1.93	2.06	2.23	2.39	2.58	3.04	3.48	3.70	3.91	4.18	4.43	4.98	5.59	0.02	0.09	0.13	0.20
600	1.67	1.70	2.13	2.31	2.48	2.67	2.87	3.09	3.65	4.17	4.44	4.70	5.01	5.31	5.97	6.19	0.03	0.11	0.15	0.24
700	1.70	2.01	2.20	2.38	2.56	2.77	2.98	3.21	3.79	4.35	4.63	4.90	5.23	5.55	6.22	6.98	0.03	0.12	0.18	0.28
800	1.94	2.30	2.51	2.72	2.93	3.17	3.41	3.67	4.33	4.97	5.29	5.60	5.98	6.34	7.11	7.98	0.04	0.14	0.2	0.32
900	2.09	2.58	2.83	3.06	3.29	3.56	3.83	4.13	4.87	5.59	5.95	6.30	6.72	7.14	8.00	8.44	0.04	0.16	0.23	0.35
950	2.18	2.60	2.85	3.10	3.34	3.76	3.85	4.36	5.14	5.71	6.28	6.43	6.85	7.53	8.44	8.91	0.04	0.17	0.24	0.37
1000	2.19	2.61	2.86	3.11	3.35	3.78	3.91	4.44	5.25	5.72	6.29	6.44	6.86	7.54	8.45	9.12	0.05	0.18	0.25	0.39
1100	2.41	2.87	3.15	3.42	3.69	3.99	4.30	4.64	5.48	6.29	6.70	7.08	7.55	8.01	8.97	10.03	0.05	0.19	0.28	0.43
1200	2.63	3.13	3.43	3.73	4.02	4.36	4.69	5.06	5.98	6.86	7.31	7.73	8.23	8.74	9.78	10.34	0.06	0.21	0.31	0.47
1300	2.63	3.15	3.45	3.75	4.05	4.39	4.73	5.11	6.04	6.94	7.37	7.80	8.29	8.78	9.80	10.90	0.06	0.23	0.33	0.51
1400	2.83	3.39	3.72	4.04	4.36	4.73	5.09	5.50	6.50	7.47	7.94	8.40	8.93	9.46	10.55	11.74	0.07	0.25	0.36	0.55
1450	2.93	3.51	3.85	4.18	4.52	4.90	5.28	5.70	6.74	7.74	8.22	8.70	9.25	9.79	10.73	12.16	0.07	0.26	0.37	0.57
1500	3.00	3.63	3.98	4.33	4.67	5.07	5.46	5.90	6.97	8.00	8.50	9.00	9.57	10.06	10.74	12.20	0.07	0.26	0.38	0.59
1600	3.10	3.64	3.98	4.34	4.68	5.08	5.47	5.91	6.98	8.00	8.51	9.10	9.58	10.07	11.17	12.33	0.07	0.28	0.41	0.63
1700	3.20	3.85	4.23	4.57	4.97	5.40	5.81	6.28	7.42	8.50	9.02	9.53	10.13	10.70	11.87	13.08	0.08	0.30	0.43	0.67
1800	3.34	4.07	4.44	4.84	5.27	5.68	6.12	6.65	7.85	8.91	9.55	9.96	10.72	10.80	11.92	13.10	0.08	0.32	0.46	0.71
1900	3.35	4.08	4.45	4.85	5.28	5.69	6.13	6.66	7.91	8.92	9.56	9.97	10.73	11.12	12.25	13.38	0.09	0.33	0.48	0.75
2000	3.53	4.25	4.68	5.11	5.52	5.99	6.45	6.97	8.22	9.39	9.95	10.50	11.12	11.71	12.80	13.86	0.09	0.35	0.51	0.79
2100	3.70	4.47	4.85	5.36	5.72	6.22	6.70	7.32	8.63	9.70	10.44	10.77	11.13	11.72	12.80	14.02	0.10	0.37	0.53	0.83
2200	3.79	4.48	4.86	5.37	5.73	6.23	6.71	7.33	8.82	9.70	10.45	10.78	11.38	11.94	13.02	14.08	0.10	0.39	0.56	0.87
2300	3.81	4.61	5.08	5.54	5.99	6.51	7.02	7.58	8.91	10.14	10.72	11.27	11.50	12.34	13.34	14.19	0.11	0.41	0.58	0.91
2400	3.97	4.81	5.30	5.78	6.25	6.80	7.32	7.91	9.29	10.58	11.19	11.32	11.75	12.35	13.35	14.20	0.11	0.42	0.61	0.95
2500	3.98	4.82	5.31	5.79	6.26	6.81	7.33	7.92	9.39	10.59	11.19	11.40	11.89	12.51	13.46	14.21	0.12	0.44	0.64	0.99
2600	4.06	4.93	5.44	5.93	6.42	6.97	7.50	8.09	9.49	10.74	11.32	11.70	12.24	13.01	13.52		0.13	0.46	0.66	1.02
2700	4.11	5.01	5.53	6.16	6.66	7.10	7.76	8.20	9.85	10.79	11.33	11.71	12.25	13.01	13.55		0.13	0.48	0.69	1.06
2800	4.12	5.02	5.54	6.16	6.66	7.10	7.77	8.23	9.90	10.80	11.34	11.82	12.35	13.02	13.63		0.14	0.49	0.71	1.10
2850	4.19	5.11	5.64	6.16	6.66	7.23	7.78	8.38	9.90	10.99	11.54	12.03	12.57	13.03	13.77		0.14	0.50	0.72	1.12
2900	4.27	5.20	5.74	6.27	6.77	7.35	7.91	8.52	9.94	11.01	11.55	12.04	12.58	13.26	13.47		0.13	0.51	0.74	1.14
3000	4.41	5.38	5.80	6.48	6.85	7.61	7.92	8.82	9.95	11.03	11.55	12.05	12.45	12.84	13.37		0.14	0.53	0.76	1.18
3100	4.42	5.39	5.81	6.49	6.86	7.65	7.99	8.83	9.96	11.11	11.60	12.06					0.15	0.55	0.79	1.22
3200	4.45	5.43	6.00	6.54	7.08	7.67	8.25	8.87	10.28	11.21	11.65	12.42					0.15	0.56	0.81	1.26
3300	4.45	5.44	6.19	6.55	7.10	7.91	8.49	8.88	10.58	11.22	11.66	12.37					0.15	0.58	0.84	1.30
3400	4.46	5.45	6.20	6.56	7.11	7.92	8.50	8.89	10.59	11.24	11.66	12.36					0.16	0.60	0.86	1.34
3500	4.59	5.61	6.21	6.72	7.32	7.93	8.50	9.01	10.60	11.57	12.00	12.35					0.16	0.62	0.89	1.38
3600	4.60	5.62	6.25	6.73	7.53	7.95	8.62	9.02	10.39	11.23							0.17	0.63	0.92	1.42
3700	4.63	5.63	6.26	6.75	7.54	7.96	8.65	9.03	10.28	11.19							0.17	0.65	0.94	1.46
3800	4.64	5.75	6.36	6.93	7.55	7.98	8.67	9.27	10.27	11.18							0.18	0.67	0.97	1.50
3900	4.64	5.90	6.52	7.00	7.68	7.99	8.90	9.52	10.26	11.05							0.18	0.69	0.99	1.54
4000	4.65	5.92	6.53	7.01	7.69	7.99	8.95	9.09	10.20	10.94							0.19	0.71	1.02	1.58
4100	4.77	5.93	6.55	7.04	7.70	8.19	8.96	9.08	10.20								0.19	0.72	1.04	1.62
4200	4.88	5.98	6.63	7.21	7.78	8.39	8.96	9.07	10.11								0.20	0.74	1.07	1.65
4300	4.79	5.99	6.53	6.93	7.79	8.40	8.75	9.06	10.02								0.20	0.76	1.09	1.69
4400	4.83	5.99	6.52	6.93	7.80	8.21	8.74	9.05	10.00								0.21	0.78	1.12	1.73
4500	4.84	6.04	6.51	6.93	7.81	8.20	8.73	8.97	10.00								0.21	0.79	1.14	1.77
4600	4.83	5.78	6.37	6.93	7.75	7.97	8.65										0.22	0.81	1.17	1.81
4700	4.80	5.77	6.36	6.92	7.60	7.96	8.63										0.22	0.83	1.19	1.85
4800	4.79	5.76	6.35	6.91	7.59	7.94	8.44										0.22	0.85	1.23	1.89
4900	4.66	5.74	6.32	6.86	7.34	7.84	8.26										0.23	0.86	1.25	1.93
5000	4.65	5.72	6.31	6.85	7.33	7.83	8.23										0.23	0.88	1.27	1.97

Table 24: Section XPA: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)								Additional Power (kW) per Belt for speed ratio			
	71	75	80	90	100	112	118	125	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	0.96	1.13	1.33	1.75	2.15	2.63	2.87	3.16	0.02	0.13	0.19	0.23
950	1.20	1.41	1.69	2.23	2.76	3.40	3.72	4.09	0.03	0.18	0.26	0.31
1450	1.71	2.03	2.44	3.23	4.03	4.97	5.43	5.98	0.04	0.27	0.39	0.48
2850	2.85	3.45	4.19	5.66	7.10	8.79	9.62	10.58	0.08	0.54	0.77	0.94
100	0.19	0.21	0.25	0.31	0.38	0.46	0.49	0.54	0.00	0.02	0.03	0.03
200	0.33	0.37	0.44	0.56	0.69	0.84	0.90	0.99	0.01	0.04	0.05	0.07
300	0.45	0.51	0.62	0.78	0.97	1.19	1.27	1.41	0.01	0.06	0.08	0.10
400	0.56	0.63	0.78	0.99	1.24	1.52	1.63	1.81	0.01	0.08	0.11	0.13
500	0.66	0.74	0.92	1.18	1.49	1.84	1.97	2.19	0.01	0.09	0.13	0.16
600	0.86	1.00	1.18	1.54	1.89	2.31	2.52	2.77	0.02	0.11	0.16	0.20
700	0.96	1.13	1.33	1.75	2.15	2.63	2.87	3.16	0.02	0.13	0.19	0.23
800	1.06	1.24	1.48	1.95	2.40	2.94	3.22	3.54	0.02	0.15	0.22	0.26
900	1.16	1.36	1.62	2.14	2.64	3.25	3.55	3.91	0.03	0.17	0.24	0.30
950	1.20	1.41	1.69	2.23	2.76	3.40	3.72	4.09	0.03	0.18	0.26	0.31
1000	1.25	1.47	1.75	2.33	2.88	3.55	3.88	4.27	0.03	0.19	0.27	0.33
1100	1.41	1.66	1.98	2.60	3.23	3.97	4.33	4.76	0.03	0.21	0.30	0.36
1200	1.50	1.77	2.12	2.79	3.47	4.27	4.65	5.12	0.04	0.23	0.32	0.40
1300	1.58	1.88	2.25	2.97	3.70	4.55	4.97	5.47	0.04	0.25	0.35	0.43
1400	1.67	1.98	2.37	3.14	3.92	4.84	5.28	5.81	0.04	0.27	0.38	0.46
1450	1.71	2.03	2.44	3.23	4.03	4.97	5.43	5.98	0.04	0.27	0.39	0.48
1500	1.75	2.08	2.50	3.31	4.14	5.11	5.58	6.14	0.04	0.28	0.40	0.49
1600	1.89	2.25	2.69	3.58	4.46	5.50	6.01	6.61	0.05	0.30	0.43	0.53
1700	1.97	2.35	2.81	3.75	4.68	5.77	6.31	6.94	0.05	0.32	0.46	0.56
1800	2.04	2.44	2.93	3.92	4.89	6.04	6.60	7.26	0.05	0.34	0.48	0.59
1900	2.12	2.53	3.04	4.08	5.10	6.30	6.89	7.58	0.06	0.36	0.51	0.63
2000	2.18	2.62	3.16	4.24	5.30	6.55	7.16	7.88	0.06	0.38	0.54	0.66
2100	2.32	2.78	3.35	4.48	5.60	6.92	7.57	8.33	0.06	0.40	0.56	0.69
2200	2.39	2.87	3.46	4.64	5.80	7.17	7.84	8.63	0.06	0.42	0.59	0.73
2300	2.45	2.95	3.57	4.79	5.99	7.41	8.11	8.92	0.07	0.44	0.62	0.76
2400	2.52	3.03	3.67	4.93	6.18	7.65	8.37	9.21	0.07	0.45	0.65	0.79
2500	2.58	3.11	3.77	5.08	6.37	7.88	8.62	9.48	0.07	0.47	0.67	0.82
2600	2.71	3.26	3.95	5.32	6.66	8.24	9.02	9.92	0.08	0.49	0.70	0.86
2700	2.77	3.34	4.05	5.46	6.84	8.46	9.27	10.19	0.08	0.51	0.73	0.89
2800	2.83	3.41	4.14	5.60	7.02	8.68	9.50	10.45	0.08	0.53	0.75	0.92
2850	2.85	3.45	4.19	5.66	7.10	8.79	9.62	10.58	0.08	0.54	0.77	0.94
2900	2.88	3.48	4.24	5.73	7.19	8.89	9.73	10.70	0.08	0.55	0.78	0.96
3000	2.93	3.55	4.32	5.86	7.35	9.10	9.96	10.95	0.09	0.57	0.81	0.99
3100	3.05	3.70	4.50	6.09	7.64	9.45	10.34	11.36	0.09	0.59	0.83	1.02
3200	3.10	3.77	4.59	6.22	7.80	9.65	10.56	11.59	0.09	0.61	0.86	1.05
3300	3.15	3.83	4.67	6.34	7.96	9.84	10.76	11.90	0.10	0.63	0.89	1.09
3400	3.19	3.89	4.75	6.45	8.11	10.02	10.96	12.12	0.10	0.64	0.91	1.12
3500	3.23	3.95	4.83	6.57	8.25	10.20	11.16	12.33	0.10	0.66	0.94	1.15
3600	3.35	4.09	5.00	6.79	8.53	10.55	11.53	12.66	0.11	0.68	0.97	1.19
3700	3.39	4.15	5.07	6.90	8.67	10.72	11.71	12.86	0.11	0.70	0.99	1.22
3800	3.43	4.20	5.14	7.00	8.80	10.88	11.97	13.13	0.11	0.72	1.02	1.25
3900	3.46	4.25	5.21	7.10	8.93	11.04	12.14	13.31	0.11	0.74	1.05	1.29
4000	3.50	4.30	5.28	7.20	9.05	11.19	12.30	13.48	0.12	0.76	1.08	1.32
4100	3.62	4.43	5.44	7.41	9.32	11.52	12.58	13.78	0.12	0.78	1.10	1.35
4200	3.65	4.47	5.50	7.50	9.44	11.66	12.73	13.93	0.12	0.80	1.13	1.38
4300	3.68	4.52	5.56	7.64	9.61	11.87	12.95	14.18	0.13	0.81	1.16	1.42
4400	3.70	4.55	5.61	7.72	9.72	12.00	13.08	14.32	0.13	0.83	1.18	1.45
4500	3.73	4.59	5.66	7.80	9.82	12.11	13.20	14.44	0.13	0.85	1.21	1.48
4600	3.83	4.73	5.82	7.96	10.01	12.35	13.47	14.72	0.13	0.87	1.24	1.52
4700	3.85	4.76	5.87	8.03	10.10	12.45	13.58	14.83	0.14	0.89	1.26	1.55
4800	3.87	4.79	5.91	8.16	10.26	12.64	13.78	15.05	0.14	0.91	1.29	1.58
4900	3.88	4.82	5.95	8.22	10.34	12.73	13.87	15.14	0.14	0.93	1.32	1.62
5000	3.89	4.84	5.99	8.28	10.41	12.81	13.95	15.21	0.15	0.95	1.34	1.65
5100	4.00	4.97	6.15	8.43	10.60	13.04	14.19	15.47	0.15	0.97	1.37	1.68
5200	4.01	4.99	6.18	8.48	10.66	13.11	14.25	15.53	0.15	0.98	1.40	1.71
5300	4.04	5.01	6.21	8.59	10.80	13.27	14.42	15.70	0.16	1.00	1.42	1.75
5400	4.06	5.02	6.24	8.63	10.85	13.32	14.47	15.74	0.16	1.02	1.45	1.78
5500	4.09	5.03	6.26	8.67	10.90	13.36	14.50	15.76	0.16	1.04	1.48	1.81
5600	4.13	5.15	6.41	8.81	11.06	13.56	14.72	15.99	0.16	1.06	1.51	1.85
5700	4.13	5.16	6.43	8.84	11.09	13.59	14.74	15.99	0.17	1.08	1.53	1.88
5800	4.14	5.16	6.44	8.93	11.22	13.73	14.88	16.14	0.17	1.10	1.56	1.91
5900	4.15	5.16	6.45	8.95	11.24	13.74	14.88	16.15	0.17	1.12	1.59	1.94
6000	4.16	5.16	6.45	8.97	11.26	13.74	14.90	16.20	0.18	1.14	1.61	1.98
6100	4.18	5.28	6.59	9.09	11.41	13.90	15.06	16.23	0.18	1.16	1.64	2.01
6200	4.19	5.28	6.59	9.10	11.41	13.90	15.10	16.23	0.18	1.17	1.67	2.04
6300	4.20	5.28	6.60	9.18	11.51	13.96	15.14	16.25	0.18	1.19	1.69	2.08
6400	4.20	5.30	6.62	9.18	11.55	13.98	15.16	16.26	0.19	1.21	1.72	2.11
6500	4.21	5.32	6.64	9.26	11.58	13.98	15.18	16.30	0.19	1.23	1.75	2.14
6600	4.22	5.33	6.69	9.28	11.60	14.09	15.19	16.33	0.19	1.25	1.77	2.18
6700	4.22	5.34	6.69	9.30	11.62	14.11	15.19	16.29	0.20	1.27	1.80	2.21
6800	4.22	5.36	6.74	9.32	11.66	14.11	15.17	16.28	0.20	1.29	1.83	2.24
6900	4.21	5.36	6.75	9.34	11.67	14.08	15.15	16.20	0.20	1.31	1.86	2.27
7000	4.20	5.36	6.75	9.35	11.68	14.06	15.12	16.18	0.21	1.33	1.88	2.31

Table 24:
Section XPA: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	140	160	180	200	224	250	280	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	3.76	4.54	5.32	6.13	7.05	8.04	9.17	0.02	0.13	0.19	0.23
950	4.88	5.98	7.00	7.97	9.16	10.44	12.02	0.03	0.18	0.26	0.31
1450	7.13	8.71	10.19	11.66	13.37	15.16	17.17	0.04	0.27	0.39	0.48
2850	12.56	15.20	17.61	19.88	22.37	24.78	27.13	0.08	0.54	0.77	0.94
100	0.64	0.76	0.89	1.02	1.17	1.33	1.51	0.00	0.02	0.03	0.03
200	1.18	1.41	1.65	1.90	2.18	2.48	2.82	0.01	0.04	0.05	0.07
300	1.69	2.01	2.46	2.72	3.13	3.57	4.05	0.01	0.06	0.08	0.10
400	2.16	2.59	3.17	3.67	4.22	4.82	5.49	0.01	0.08	0.11	0.13
500	2.62	3.14	3.86	4.47	5.14	5.87	6.69	0.01	0.09	0.13	0.16
600	3.29	3.97	4.65	5.24	6.03	6.89	7.84	0.02	0.11	0.16	0.20
700	3.76	4.54	5.32	6.13	7.05	8.04	9.17	0.02	0.13	0.19	0.23
800	4.21	5.16	6.04	6.88	7.91	9.02	10.28	0.02	0.15	0.22	0.26
900	4.66	5.71	6.68	7.61	8.75	9.97	11.49	0.03	0.17	0.24	0.30
950	4.88	5.98	7.00	7.97	9.16	10.44	12.02	0.03	0.18	0.26	0.31
1000	5.09	6.24	7.31	8.46	9.73	11.08	12.61	0.03	0.19	0.27	0.33
1100	5.67	6.86	8.04	9.17	10.54	11.99	13.63	0.03	0.21	0.30	0.36
1200	6.10	7.38	8.65	9.86	11.32	12.88	14.62	0.04	0.23	0.32	0.40
1300	6.52	7.96	9.32	10.67	12.25	13.92	15.80	0.04	0.25	0.35	0.43
1400	6.93	8.46	9.90	11.33	13.00	14.76	16.72	0.04	0.27	0.38	0.46
1450	7.13	8.71	10.19	11.66	13.37	15.16	17.17	0.04	0.27	0.39	0.48
1500	7.33	8.95	10.47	11.98	13.73	15.56	17.61	0.04	0.28	0.40	0.49
1600	7.88	9.54	11.16	12.75	14.61	16.56	18.73	0.05	0.30	0.43	0.53
1700	8.27	10.01	11.71	13.36	15.30	17.31	19.54	0.05	0.32	0.46	0.56
1800	8.66	10.55	12.33	13.96	15.96	18.03	20.30	0.05	0.34	0.48	0.59
1900	9.03	11.00	12.85	14.71	16.81	18.98	21.35	0.06	0.36	0.51	0.63
2000	9.40	11.44	13.35	15.27	17.43	19.64	22.03	0.06	0.38	0.54	0.66
2100	9.92	11.99	14.00	15.81	18.01	20.25	22.66	0.06	0.40	0.56	0.69
2200	10.28	12.41	14.48	16.53	18.81	21.15	23.64	0.06	0.42	0.59	0.73
2300	10.62	12.91	15.05	17.03	19.35	21.70	24.17	0.07	0.44	0.62	0.76
2400	10.96	13.31	15.50	17.51	19.85	22.21	24.65	0.07	0.45	0.65	0.79
2500	11.28	13.69	15.92	18.19	20.62	23.04	25.55	0.07	0.47	0.67	0.82
2600	11.80	14.22	16.52	18.63	21.07	23.47	25.92	0.08	0.49	0.70	0.86
2700	12.11	14.58	16.92	19.04	21.48	23.85	26.22	0.08	0.51	0.73	0.89
2800	12.42	15.03	17.43	19.69	22.19	24.62	27.03	0.08	0.53	0.75	0.92
2850	12.56	15.20	17.61	19.88	22.37	24.78	27.13	0.08	0.54	0.77	0.94
2900	12.71	15.37	17.79	20.06	22.54	24.92	27.22	0.08	0.55	0.78	0.96
3000	12.99	15.69	18.13	20.40	22.86	25.17	27.33	0.09	0.57	0.81	0.99
3100	13.49	16.18	18.69	21.01	23.52	25.87		0.09	0.59	0.83	1.02
3200	13.76	16.48	19.00	21.30	23.77	26.03		0.09	0.61	0.86	1.05
3300	14.11	16.88	19.44	21.57	23.97	26.13		0.10	0.63	0.89	1.09
3400	14.36	17.15	19.71	22.14	24.58	26.75		0.10	0.64	0.91	1.12
3500	14.59	17.40	19.95	22.35	24.71	26.75		0.10	0.66	0.94	1.15
3600	14.97	17.84	20.45	22.53	24.80			0.11	0.68	0.97	1.19
3700	15.19	18.06	20.65	23.05	25.80			0.11	0.70	0.99	1.22
3800	15.50	18.42	21.03	23.17	25.81			0.11	0.72	1.02	1.25
3900	15.69	18.61	21.19	23.26	25.82			0.11	0.74	1.05	1.29
4000	15.87	18.78	21.31	23.74	25.82			0.12	0.76	1.08	1.32
4100	16.23	19.18	21.76	23.77				0.12	0.78	1.10	1.35
4200	16.39	19.32	21.84	23.90				0.12	0.80	1.13	1.38
4300	16.66	19.62	22.15	24.19				0.13	0.81	1.16	1.42
4400	16.79	19.72	22.18	24.12				0.13	0.83	1.18	1.45
4500	16.91	19.80	22.19	24.00				0.13	0.85	1.21	1.48
4600	17.23	20.16	22.56					0.13	0.87	1.24	1.52
4700	17.32	20.20	22.60					0.14	0.89	1.26	1.55
4800	17.56	20.44	22.73					0.14	0.91	1.29	1.58
4900	17.63	20.44	22.63					0.14	0.93	1.32	1.62
5000	17.68	20.60	22.49					0.15	0.95	1.34	1.65
5100	17.97	20.70						0.15	0.97	1.37	1.68
5200	17.99	20.80						0.15	0.98	1.40	1.71
5300	18.18	20.85						0.16	1.00	1.42	1.75
5400	18.18	20.85						0.16	1.02	1.45	1.78
5500	18.22	20.62						0.16	1.04	1.48	1.81
5600	18.30							0.16	1.06	1.51	1.85
5700	18.35							0.17	1.08	1.53	1.88
5800	18.49							0.17	1.10	1.56	1.91
5900	18.50							0.17	1.12	1.59	1.94
6000	18.40							0.18	1.14	1.61	1.98
6100	18.35							0.18	1.16	1.64	2.01
6200	18.32							0.18	1.17	1.67	2.04
6300	18.31							0.18	1.19	1.69	2.08
6400	18.30							0.19	1.21	1.72	2.11
6500	18.25							0.19	1.23	1.75	2.14

Table 25:
Section XPB/5VX: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)								Additional Power (kW) per Belt for speed ratio			
	112	118	125	132	140	150	160	180	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	2.87	3.26	3.71	4.16	4.68	5.32	5.96	7.24	0.04	0.29	0.41	0.50
950	3.75	4.27	4.87	5.47	6.16	7.01	7.86	9.56	0.06	0.39	0.55	0.68
1450	5.51	6.28	7.17	8.07	9.09	10.36	11.61	14.11	0.09	0.59	0.84	1.03
2850	9.73	11.14	12.76	14.37	16.18	18.39	20.57	24.77	0.18	1.17	1.65	2.03
100	0.48	0.54	0.61	0.67	0.75	0.85	0.95	1.14	0.01	0.04	0.06	0.07
200	0.90	1.01	1.15	1.27	1.42	1.62	1.81	2.18	0.01	0.08	0.12	0.14
300	1.29	1.46	1.66	1.84	2.06	2.35	2.64	3.18	0.02	0.12	0.17	0.21
400	1.72	1.95	2.21	2.47	2.78	3.15	3.53	4.27	0.03	0.16	0.23	0.28
500	2.10	2.38	2.70	3.03	3.41	3.87	4.34	5.25	0.03	0.20	0.29	0.36
600	2.47	2.81	3.19	3.57	4.03	4.57	5.13	6.21	0.04	0.25	0.35	0.43
700	2.87	3.26	3.71	4.16	4.68	5.32	5.96	7.24	0.04	0.29	0.41	0.50
800	3.23	3.67	4.18	4.69	5.28	6.01	6.73	8.18	0.05	0.33	0.46	0.57
900	3.58	4.07	4.64	5.21	5.87	6.68	7.49	9.10	0.06	0.37	0.52	0.64
950	3.75	4.27	4.87	5.47	6.16	7.01	7.86	9.56	0.06	0.39	0.55	0.68
1000	3.97	4.51	5.15	5.78	6.51	7.41	8.30	10.09	0.06	0.41	0.58	0.71
1100	4.31	4.90	5.60	6.29	7.09	8.07	9.04	10.99	0.07	0.45	0.64	0.78
1200	4.65	5.29	6.04	6.79	7.65	8.71	9.76	11.87	0.08	0.49	0.70	0.85
1300	5.02	5.72	6.53	7.34	8.27	9.42	10.56	12.83	0.08	0.53	0.75	0.93
1400	5.35	6.10	6.96	7.83	8.82	10.05	11.27	13.68	0.09	0.57	0.81	1.00
1450	5.51	6.28	7.17	8.07	9.09	10.36	11.61	14.11	0.09	0.59	0.84	1.03
1500	5.67	6.46	7.38	8.31	9.36	10.67	11.96	14.52	0.09	0.61	0.87	1.07
1600	6.02	6.87	7.86	8.84	9.96	11.35	12.73	15.45	0.10	0.65	0.93	1.14
1700	6.33	7.23	8.27	9.30	10.48	11.95	13.40	16.26	0.11	0.70	0.99	1.21
1800	6.63	7.58	8.67	9.76	11.00	12.53	14.05	17.04	0.11	0.74	1.05	1.28
1900	6.99	7.98	9.14	10.28	11.58	13.20	14.79	17.94	0.12	0.78	1.10	1.35
2000	7.28	8.32	9.53	10.72	12.08	13.76	15.42	18.69	0.13	0.82	1.16	1.42
2100	7.57	8.65	9.91	11.15	12.56	14.31	16.03	19.42	0.13	0.86	1.22	1.50
2200	7.91	9.04	10.35	11.66	13.13	14.96	16.76	20.29	0.14	0.90	1.28	1.57
2300	8.19	9.36	10.72	12.07	13.60	15.49	17.35	20.98	0.15	0.94	1.34	1.64
2400	8.45	9.67	11.07	12.48	14.05	16.00	17.91	21.65	0.15	0.98	1.39	1.71
2500	8.78	10.05	11.51	12.96	14.60	16.62	18.61	22.48	0.16	1.02	1.45	1.78
2600	9.04	10.35	11.85	13.34	15.03	17.11	19.15	23.10	0.16	1.06	1.51	1.85
2700	9.29	10.64	12.18	13.72	15.45	17.58	19.66	23.70	0.17	1.10	1.57	1.92
2800	9.61	11.00	12.60	14.19	15.98	18.17	20.33	24.49	0.18	1.15	1.63	1.99
2850	9.73	11.14	12.76	14.37	16.18	18.39	20.57	24.77	0.18	1.17	1.65	2.03
2900	9.85	11.27	12.91	14.54	16.37	18.61	20.81	25.04	0.18	1.19	1.68	2.06
3000	10.08	11.54	13.22	14.88	16.75	19.03	21.27	25.56	0.19	1.23	1.74	2.14
3100	10.38	11.89	13.62	15.33	17.26	19.61	21.91	26.32	0.20	1.27	1.80	2.21
3200	10.60	12.14	13.91	15.65	17.61	20.00	22.33	26.79	0.20	1.31	1.86	2.28
3300	10.80	12.38	14.18	15.95	17.95	20.38	22.74	27.22	0.21	1.35	1.92	2.35
3400	11.09	12.71	14.57	16.39	18.44	20.93	23.35	27.93	0.22	1.39	1.97	2.42
3500	11.28	12.93	14.82	16.67	18.75	21.27	23.71	28.31	0.22	1.43	2.03	2.49
3600	11.46	13.14	15.07	16.94	19.05	21.59	24.05	28.65	0.23	1.47	2.09	2.56
3700	11.75	13.47	15.43	17.36	19.51	22.12	24.62	29.32	0.23	1.51	2.15	2.63
3800	11.92	13.66	15.65	17.60	19.78	22.40	24.91	29.60	0.24	1.55	2.21	2.71
3900	12.07	13.85	15.86	17.83	20.02	22.67	25.18	29.85	0.25	1.60	2.26	2.78
4000	12.34	14.15	16.21	18.23	20.46	23.16	25.73	30.47	0.25	1.64	2.32	2.85
4100	12.48	14.31	16.39	18.43	20.68	23.38	25.95	30.65	0.26	1.68	2.38	2.92
4200	12.61	14.46	16.56	18.62	20.87	23.58	26.14	30.79	0.27	1.72	2.44	2.99
4300	12.87	14.75	16.90	18.99	21.29	24.04	26.64	31.37	0.27	1.76	2.50	3.06
4400	12.98	14.88	17.05	19.15	21.45	24.20	26.78	31.44	0.28	1.80	2.56	3.13
4500	13.08	15.00	17.18	19.29	21.59	24.33	26.89	31.47	0.28	1.84	2.61	3.20
4600	13.32	15.28	17.49	19.63	21.98	24.76	27.36	31.67	0.29	1.88	2.67	3.28
4700	13.40	15.38	17.60	19.74	22.09	24.85	27.42	31.77	0.30	1.92	2.73	3.35
4800	13.47	15.46	17.68	19.83	22.17	24.91	27.45	31.84	0.30	1.96	2.79	3.42
4900	13.70	15.71	17.98	20.16	22.53	25.31	27.60	32.30	0.31	2.00	2.85	3.49
5000	13.75	15.77	18.04	20.22	22.58	25.33	27.85	32.13	0.32	2.05	2.90	3.56
5100	13.79	15.81	18.09	20.26	22.60	25.46	27.90		0.32	2.09	2.96	3.63
5200	14.00	16.06	18.36	20.56	22.93	25.53	28.17		0.33	2.13	3.02	3.70
5300	14.02	16.08	18.38	20.57	23.03	25.62	28.20		0.34	2.17	3.08	3.77
5400	14.02	16.09	18.38	20.70	23.11	25.72	28.23		0.34	2.21	3.14	3.84
5500	14.10	16.30	18.63	20.83	23.17	25.85	28.22		0.35	2.25	3.19	3.92
5600	14.20	16.35	18.65	20.88	23.22				0.35	2.29	3.25	3.99
5700	14.22	16.40	18.70	20.93	23.24				0.36	2.33	3.31	4.06
5800	14.34	16.45	18.77	20.95	23.25				0.37	2.37	3.37	4.13
5900	14.37	16.47	18.80	20.96	23.24				0.37	2.41	3.43	4.20
6000	14.38	16.49	18.80	20.95	22.20				0.38	2.45	3.48	4.27

Table 25:
Section XPB/5VX: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	200	224	250	280	315	355	400	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	8.50	10.01	11.64	13.50	15.65	18.07	20.76	0.04	0.29	0.41	0.50
950	11.22	13.21	15.35	17.77	20.55	23.65	27.05	0.06	0.39	0.55	0.68
1450	16.55	19.44	22.49	25.93	29.80	34.02	38.48	0.09	0.59	0.84	1.03
2850	28.75	33.20	37.61	42.08	46.37			0.18	1.17	1.65	2.03
100	1.34	1.57	1.82	2.11	2.45	2.83	3.26	0.01	0.04	0.06	0.07
200	2.57	3.01	3.50	4.06	4.72	5.46	6.29	0.01	0.08	0.12	0.14
300	3.75	4.41	5.12	5.95	6.92	8.00	9.21	0.02	0.12	0.17	0.21
400	5.01	5.90	6.86	7.96	9.23	10.68	12.30	0.03	0.16	0.23	0.28
500	6.16	7.26	8.45	9.80	11.36	13.14	15.12	0.03	0.20	0.29	0.36
600	7.30	8.60	10.00	11.60	13.44	15.53	17.86	0.04	0.25	0.35	0.43
700	8.50	10.01	11.64	13.50	15.65	18.07	20.76	0.04	0.29	0.41	0.50
800	9.60	11.31	13.15	15.24	17.65	20.36	23.35	0.05	0.33	0.46	0.57
900	10.69	12.58	14.62	16.94	19.60	22.57	25.84	0.06	0.37	0.52	0.64
950	11.22	13.21	15.35	17.77	20.55	23.65	27.05	0.06	0.39	0.55	0.68
1000	11.85	13.95	16.20	18.76	21.70	24.99	28.59	0.06	0.41	0.58	0.71
1100	12.90	15.18	17.62	20.39	23.55	27.07	30.89	0.07	0.45	0.64	0.78
1200	13.93	16.39	19.00	21.96	25.33	29.06	33.07	0.08	0.49	0.70	0.85
1300	15.06	17.71	20.53	23.72	27.34	31.33	35.63	0.08	0.53	0.75	0.93
1400	16.06	18.87	21.85	25.21	29.00	33.15	37.57	0.09	0.57	0.81	1.00
1450	16.55	19.44	22.49	25.93	29.80	34.02	38.48	0.09	0.59	0.84	1.03
1500	17.03	19.99	23.13	26.64	30.58	34.86	39.35	0.09	0.61	0.87	1.07
1600	18.12	21.27	24.59	28.31	32.48	36.98	41.70	0.10	0.65	0.93	1.14
1700	19.05	22.34	25.79	29.64	33.92	38.48	43.20	0.11	0.70	0.99	1.21
1800	19.96	23.38	26.95	30.90	35.27	39.86	45.12	0.11	0.74	1.05	1.28
1900	21.01	24.60	28.35	32.49	37.03	41.82	46.61	0.12	0.78	1.10	1.35
2000	21.87	25.57	29.42	33.63	38.21	42.96	47.58	0.13	0.82	1.16	1.42
2100	22.70	26.50	30.43	34.70	39.28	44.52	49.16	0.13	0.86	1.22	1.50
2200	23.71	27.67	31.75	36.18	40.91	45.69	50.18	0.14	0.90	1.28	1.57
2300	24.49	28.53	32.67	37.11	41.79	46.40		0.15	0.94	1.34	1.64
2400	25.23	29.35	33.52	37.96	43.08	47.69		0.15	0.98	1.39	1.71
2500	26.20	30.45	34.76	39.32	44.02	48.49		0.16	1.02	1.45	1.78
2600	26.89	31.18	35.50	40.01	44.56			0.16	1.06	1.51	1.85
2700	27.54	31.87	36.18	41.08	45.62			0.17	1.10	1.57	1.92
2800	28.45	32.90	37.32	41.85	46.27			0.18	1.15	1.63	1.99
2850	28.75	33.20	37.61	42.08	46.37			0.18	1.17	1.65	2.03
2900	29.04	33.49	37.87	42.28	46.43			0.18	1.19	1.68	2.06
3000	29.58	34.03	38.35	43.17				0.19	1.23	1.74	2.14
3100	30.45	35.00	39.40					0.20	1.27	1.80	2.21
3200	30.93	35.44	39.74					0.20	1.31	1.86	2.28
3300	31.36	35.82	40.49					0.21	1.35	1.92	2.35
3400	32.16	36.72	40.94					0.22	1.39	1.97	2.42
3500	32.52	36.99	41.05					0.22	1.43	2.03	2.49
3600	32.83	37.20						0.23	1.47	2.09	2.56
3700	33.57	38.00						0.23	1.51	2.15	2.63
3800	33.80	38.30						0.24	1.55	2.21	2.71
3900	33.97	38.50						0.25	1.60	2.26	2.78
4000	34.65	38.84						0.25	1.64	2.32	2.85
4100	34.74							0.26	1.68	2.38	2.92
4200	34.77							0.27	1.72	2.44	2.99
4300	35.38							0.27	1.76	2.50	3.06
4400	35.54							0.28	1.80	2.56	3.13
4500	35.66							0.28	1.84	2.61	3.20

Table 26:
Section XPC: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	180	200	224	250	280	315	335	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	9.37	11.25	13.49	15.89	18.65	21.84	23.64	0.08	0.49	0.70	0.85
950	12.53	15.04	18.01	21.21	24.84	29.02	31.37	0.10	0.67	0.95	1.16
1450	18.48	22.12	26.43	30.97	36.06	41.77	44.91	0.16	1.02	1.44	1.77
2850	31.78	37.48	43.75	49.78	55.61			0.31	2.00	2.84	3.48
50	0.73	0.87	1.04	1.23	1.44	1.69	1.83	0.01	0.04	0.05	0.06
100	1.42	1.70	2.03	2.41	2.82	3.31	3.59	0.01	0.07	0.10	0.12
150	2.10	2.51	3.00	3.56	4.17	4.90	5.31	0.02	0.11	0.15	0.18
200	2.81	3.36	4.03	4.74	5.57	6.53	7.08	0.02	0.14	0.20	0.24
250	3.48	4.16	5.00	5.88	6.91	8.10	8.78	0.03	0.18	0.25	0.31
300	4.14	4.96	5.95	7.00	8.23	9.65	10.47	0.03	0.21	0.30	0.37
350	4.82	5.78	6.93	8.17	9.60	11.26	12.20	0.04	0.25	0.35	0.43
400	5.47	6.57	7.87	9.28	10.91	12.79	13.86	0.04	0.28	0.40	0.49
450	6.12	7.35	8.81	10.39	12.21	14.31	15.50	0.05	0.32	0.45	0.55
500	6.80	8.16	9.78	11.53	13.55	15.88	17.21	0.05	0.35	0.50	0.61
550	7.44	8.93	10.71	12.62	14.83	17.37	18.82	0.06	0.39	0.55	0.67
600	8.08	9.70	11.62	13.70	16.09	18.85	20.42	0.07	0.42	0.60	0.73
650	8.74	10.49	12.58	14.83	17.41	20.39	22.08	0.07	0.46	0.65	0.79
700	9.37	11.25	13.49	15.89	18.65	21.84	23.64	0.08	0.49	0.70	0.85
750	9.99	12.00	14.38	16.95	19.88	23.26	25.17	0.08	0.53	0.75	0.92
800	10.66	12.79	15.33	18.06	21.18	24.78	26.81	0.09	0.56	0.80	0.98
850	11.28	13.53	16.21	19.10	22.38	26.17	28.30	0.09	0.60	0.85	1.04
900	11.89	14.26	17.09	20.12	23.57	27.54	29.77	0.10	0.63	0.90	1.10
950	12.53	15.04	18.01	21.21	24.84	29.02	31.37	0.10	0.67	0.95	1.16
1000	13.13	15.76	18.87	22.21	26.00	30.35	32.79	0.11	0.70	1.00	1.22
1050	13.73	16.48	19.72	23.20	27.14	31.65	34.18	0.11	0.74	1.05	1.28
1100	14.37	17.24	20.64	24.27	28.39	33.10	35.73	0.12	0.77	1.10	1.34
1150	14.96	17.94	21.47	25.24	29.50	34.36	37.06	0.12	0.81	1.15	1.40
1200	15.54	18.63	22.29	26.18	30.58	35.59	38.36	0.13	0.84	1.20	1.47
1250	16.17	19.38	23.19	27.23	31.81	36.99	39.88	0.14	0.88	1.25	1.53
1300	16.74	20.06	23.99	28.15	32.86	38.17	41.12	0.14	0.91	1.29	1.59
1350	17.31	20.73	24.78	29.06	33.89	39.31	42.32	0.15	0.95	1.34	1.65
1400	17.93	21.47	25.66	30.09	35.07	40.68	43.78	0.15	0.98	1.39	1.71
1450	18.48	22.12	26.43	30.97	36.06	41.77	44.91	0.16	1.02	1.44	1.77
1500	19.03	22.77	27.18	31.83	37.02	42.82	46.00	0.16	1.05	1.49	1.83
1550	19.64	23.50	28.04	32.84	38.18	44.14	47.41	0.17	1.09	1.54	1.89
1600	20.17	24.13	28.77	33.67	39.10	45.13	48.42	0.17	1.12	1.59	1.95
1650	20.70	24.75	29.49	34.48	39.99	46.08	49.39	0.18	1.16	1.64	2.02
1700	21.29	25.46	30.34	35.45	41.11	47.36	50.74	0.18	1.19	1.69	2.08
1750	21.80	26.06	31.03	36.22	41.95	48.24	51.63	0.19	1.23	1.74	2.14
1800	22.81	26.65	31.71	36.98	42.76	49.08	52.46	0.20	1.30	1.79	2.20
1850	22.90	27.35	32.53	37.93	43.85	50.30	53.75	0.20	1.33	1.84	2.26
1900	23.39	27.92	33.18	38.64	44.61	51.07	54.50	0.21	1.37	1.89	2.32
1950	23.87	28.48	33.81	39.34	45.34	51.79	55.19	0.21	1.40	1.94	2.38
2000	24.44	29.16	34.61	40.26	46.38	52.95	56.40	0.22	1.44	1.99	2.44
2050	24.90	29.70	35.21	40.91	47.05	53.59	57.00	0.22	1.47	2.04	2.50
2100	25.36	30.22	35.80	41.54	47.69	54.18	57.53	0.23	1.51	2.09	2.56
2150	25.93	30.88	36.58	42.42	48.69	55.29	58.68	0.23	1.54	2.14	2.63
2200	26.37	31.38	37.13	43.00	49.27	55.80	59.12	0.24	1.58	2.19	2.69
2250	26.80	31.87	37.67	43.56	49.81	56.25	59.49	0.24	1.61	2.24	2.75
2300	27.35	32.52	38.42	44.42	50.76	57.29	60.56	0.25	1.65	2.29	2.81
2350	27.76	32.98	38.92	44.93	51.23	57.65	60.82	0.26	1.68	2.34	2.87
2400	28.16	33.43	39.40	45.41	51.67	57.96	61.57	0.26	1.72	2.39	2.93
2450	28.69	34.06	40.14	46.24	52.58	58.93	62.00	0.27	1.75	2.44	2.99
2500	29.07	34.48	40.59	46.67	52.95	59.14	62.08	0.27	1.79	2.49	3.05
2550	29.44	34.89	41.01	47.08	53.27	59.29		0.28	1.82	2.54	3.11
2600	29.97	35.95	41.71	47.86	54.13	60.18		0.28	1.86	2.59	3.18
2650	30.32	36.34	42.10	48.21	54.38	60.23		0.29	1.89	2.64	3.24
2700	30.66	36.71	42.46	48.53	54.59	60.80		0.29	1.93	2.69	3.30
2750	31.16	36.83	43.13	49.28	55.39	61.04		0.30	1.96	2.74	3.36
2800	31.48	37.17	43.45	49.55	55.52			0.30	2.00	2.79	3.42
2850	31.78	37.48	43.75	49.78	55.61			0.31	2.04	2.84	3.48
2900	32.28	38.05	44.40	50.48	56.35			0.31	2.06	2.89	3.54
2950	32.56	38.34	44.66	50.65	56.35			0.32	2.07	2.94	3.60
3000	32.83	38.61	44.89	50.79	56.31			0.33	2.11	2.99	3.66
3050	33.31	39.16	45.50	51.45				0.33	2.14	3.04	3.72
3100	33.56	39.40	45.69	51.53				0.34	2.18	3.09	3.79
3150	33.79	39.62	45.85	51.57				0.34	2.21	3.14	3.85
3200	34.24	40.14	46.43	52.19				0.35	2.25	3.19	3.91
3250	34.45	40.33	46.55	52.17				0.35	2.28	3.24	3.97
3300	34.64	40.49	46.63					0.36	2.32	3.29	4.03
3350	35.09	40.99	47.19					0.36	2.35	3.34	4.09
3400	35.26	41.12	47.23					0.37	2.39	3.39	4.15
3450	35.41	41.24	47.24					0.37	2.42	3.44	4.21
3500	35.83	41.71	47.75					0.38	2.46	3.49	4.27

Table 26:
Section XPC: Power rating “P” (kW) for arc of contact 180°

n (rpm)	Pitch diameter of the smaller pulley (mm)							Additional Power (kW) per Belt for speed ratio			
	355	400	450	500	560	630	710	1.01 to 1.05	1.06 to 1.26	1.27 to 1.57	For > 1.57
700	25.43	29.41	33.75	37.99	42.94	48.49	54.54	0.08	0.49	0.70	0.85
950	33.69	38.80	44.30	49.57	55.56	62.06	68.76	0.10	0.67	0.95	1.16
1450	47.95	54.42	60.95	66.69	72.42	78.01		0.16	1.02	1.44	1.77
2850								0.31	2.00	2.84	3.48
50	1.97	2.28	2.64	2.99	3.40	3.89	4.45	0.01	0.04	0.05	0.06
100	3.86	4.47	5.18	5.87	6.67	7.63	8.73	0.01	0.07	0.10	0.12
150	5.72	6.62	7.67	8.69	9.89	11.31	12.93	0.02	0.11	0.15	0.18
200	7.63	8.86	10.22	11.58	13.21	15.09	17.24	0.02	0.14	0.20	0.24
250	9.46	10.99	12.67	14.35	16.37	18.68	21.33	0.03	0.18	0.25	0.31
300	11.28	13.09	15.09	17.09	19.47	22.21	25.33	0.03	0.21	0.30	0.37
350	13.15	15.26	17.59	19.91	22.67	25.86	29.47	0.04	0.25	0.35	0.43
400	14.94	17.33	19.96	22.58	25.69	29.27	33.30	0.04	0.28	0.40	0.49
450	16.70	19.37	22.30	25.20	28.64	32.59	37.01	0.05	0.32	0.45	0.55
500	18.53	21.48	24.73	27.94	31.75	36.10	40.97	0.05	0.35	0.50	0.61
550	20.26	23.47	27.00	30.48	34.59	39.25	44.45	0.06	0.39	0.55	0.67
600	21.97	25.43	29.23	32.95	37.34	42.30	47.77	0.07	0.42	0.60	0.73
650	23.76	27.51	31.60	35.62	40.33	45.66	51.52	0.07	0.46	0.65	0.79
700	25.43	29.41	33.75	37.99	42.94	48.49	54.54	0.08	0.49	0.70	0.85
750	27.07	31.28	35.84	40.29	45.45	51.19	57.90	0.08	0.53	0.75	0.92
800	28.82	33.29	38.14	42.85	48.31	54.38	60.86	0.09	0.56	0.80	0.98
850	30.41	35.09	40.14	45.02	50.64	56.82	63.33	0.09	0.60	0.85	1.04
900	31.97	36.84	42.08	47.11	52.85	59.63	66.31	0.10	0.63	0.90	1.10
950	33.69	38.80	44.30	49.57	55.56	62.06	68.76	0.10	0.67	0.95	1.16
1000	35.19	40.47	46.13	51.50	57.56	64.04	70.56	0.11	0.70	1.00	1.22
1050	36.66	42.10	47.88	53.34	59.93	66.53	73.09	0.11	0.74	1.05	1.28
1100	38.32	43.99	50.00	55.67	61.97	68.55	74.95	0.12	0.77	1.10	1.34
1150	39.72	45.52	51.63	57.33	63.59	69.99	75.99	0.12	0.81	1.15	1.40
1200	41.09	47.00	53.17	58.89	65.70	71.21	78.00	0.13	0.84	1.20	1.47
1250	42.70	48.82	55.19	61.07	67.39	73.66	79.17	0.14	0.88	1.25	1.53
1300	43.99	50.19	56.59	62.42	68.58	74.49		0.14	0.91	1.29	1.59
1350	45.24	51.50	57.90	64.24	70.41	76.21		0.15	0.95	1.34	1.65
1400	46.79	53.23	59.80	65.68	71.72	77.21		0.15	0.98	1.39	1.71
1450	47.95	54.42	60.95	66.69	72.42	78.01		0.16	1.02	1.44	1.77
1500	49.07	55.55	62.52	68.28	72.94			0.16	1.05	1.49	1.83
1550	50.55	57.19	63.77	69.42				0.17	1.09	1.54	1.89
1600	51.57	58.19	64.64	70.04				0.17	1.12	1.59	1.95
1650	52.55	59.10	66.03	71.38				0.18	1.16	1.64	2.02
1700	53.97	60.65	67.03	72.19				0.18	1.19	1.69	2.08
1750	54.84	61.43	67.59	72.39				0.19	1.23	1.74	2.14
1800	55.66	62.12	68.78					0.20	1.30	1.79	2.20
1850	57.00	63.57	69.52					0.20	1.33	1.84	2.26
1900	57.71	64.11	69.75					0.21	1.37	1.89	2.32
1950	58.35	65.18	70.72					0.21	1.40	1.94	2.38
2000	59.61	65.89	71.17					0.22	1.44	1.99	2.44
2050	60.14	66.18						0.22	1.47	2.04	2.50
2100	61.11	67.08						0.23	1.51	2.09	2.56
2150	61.78	67.57						0.23	1.54	2.14	2.63
2200	62.12	67.59						0.24	1.58	2.19	2.69
2250	62.96	68.31						0.24	1.61	2.24	2.75

Table 27: Arc of contact factors (Fc)

$\frac{D-d}{C}$	Arc of contact on smaller pulley (Degrees)	Correction factor i.e. proportion of 180° rating
0.00	180°	1.00
0.05	177°	1.00
0.10	174°	1.00
0.15	171°	1.00
0.20	168°	0.99
0.25	165°	0.99
0.30	162°	0.99
0.35	160°	0.99
0.40	156°	0.99
0.45	153°	0.98
0.50	150°	0.98
0.55	147°	0.98
0.60	144°	0.98
0.65	141°	0.97
0.70	139°	0.97
0.75	136°	0.97
0.80	133°	0.96
0.85	130°	0.96
0.90	126°	0.96
0.95	123°	0.95
1.00	119°	0.94
1.05	115°	0.94
1.10	112°	0.93
1.15	109°	0.93
1.20	106°	0.92
1.25	103°	0.91
1.30	100°	0.91
1.35	96°	0.90
1.40	92°	0.88
1.45	88°	0.87
1.50	84°	0.86
1.55	80°	0.84
1.60	77°	0.83

Table 28: Pitch length correction factors (Fd)

Section: Z/ZX

Pitch Length (mm)	Fd
422	0.86
447	0.87
472	0.88
497	0.89
522	0.90
552	0.92
582	0.93
622	0.94
652	0.95
692	0.96
732	0.98
822	1.00
847	1.01
887	1.02
922	1.02
947	1.03
997	1.04
1022	1.05
1082	1.06
1142	1.07
1172	1.08
1202	1.08
1272	1.10
1342	1.11
1422	1.12
1522	1.14
1622	1.15

Section: A/AX

Pitch Length (mm)	Fd
660	0.80
740	0.82
780	0.83
830	0.85
880	0.86
930	0.87
980	0.88
1030	0.89
1090	0.90
1150	0.91
1210	0.92
1280	0.94
1350	0.95
1430	0.96
1530	0.97
1630	0.99
1730	1.00
1830	1.01
1930	1.02
2030	1.03
2150	1.05
2270	1.06
2390	1.07
2530	1.08
2680	1.10
2830	1.11
3030	1.12
3180	1.14
3380	1.15
3780	1.17
4030	1.19
4530	1.22
5030	1.24

Section: B/BX

Pitch Length (mm)	Fd
900	0.81
990	0.83
1040	0.84
1100	0.85
1140	0.85
1220	0.87
1290	0.88
1360	0.89
1440	0.90
1540	0.92
1640	0.93
1740	0.94
1840	0.95
1940	0.97
2040	0.98
2160	0.99
2280	1.00
2400	1.01
2590	1.03
2690	1.04
2840	1.05
3040	1.06
3190	1.07
3390	1.09
3590	1.10
3790	1.11
4040	1.13
4290	1.14
4540	1.15
4790	1.17
5040	1.18
5340	1.19
5640	1.20
6040	1.22
6340	1.23

Section: C/CX

Pitch Length (mm)	Fd
1458	0.80
1558	0.81
1658	0.83
1858	0.85
1958	0.86
2058	0.87
2178	0.88
2298	0.89
2418	0.90
2558	0.92
2708	0.93
2858	0.94
3058	0.95
3208	0.96
3608	0.99
3808	1.00
4058	1.01
4308	1.03
4558	1.04
4808	1.05
5058	1.06
5358	1.07
5658	1.09
6058	1.10
6358	1.11
6758	1.13
7158	1.14
7558	1.15
8058	1.17
9058	1.19
10058	1.22

Table 28: Pitch length correction factors (Fd)

Section: D

Pitch Length (mm)	Fd
3225	0.86
3425	0.87
3625	0.88
3825	0.89
4075	0.91
4325	0.92
4575	0.93
4825	0.94
5075	0.95
5375	0.96
5675	0.98
6075	0.99
6375	1.00
6775	1.01
7175	1.03
7575	1.04
8075	1.05
8575	1.06
9075	1.08
9575	1.09
10075	1.10
10675	1.11
11275	1.13
11875	1.14
12575	1.15
13275	1.16
14075	1.18
15075	1.19
16075	1.21

Section: E

Pitch Length (mm)	Fd
4830	0.92
5080	0.93
5380	0.94
5680	0.95
6080	0.96
6380	0.97
6780	0.99
7180	1.00
7580	1.01
8080	1.03
8580	1.04
9080	1.05
9580	1.06
10080	1.07
10680	1.09
11280	1.10
11880	1.11
12580	1.12
13280	1.14
14080	1.15
15080	1.17
16080	1.18

Section: SPZ/XPZ

Pitch Length (mm)	Fd
635	0.83
675	0.84
715	0.85
755	0.86
805	0.87
855	0.88
905	0.89
955	0.90
1005	0.91
1065	0.92
1125	0.93
1185	0.94
1255	0.95
1325	0.96
1405	0.98
1505	0.99
1605	1.00
1705	1.01
1805	1.02
1905	1.03
2005	1.04
2125	1.05
2245	1.06
2365	1.07
2505	1.08
2655	1.09
2805	1.10
3005	1.11
3155	1.12
3355	1.13
3555	1.15
3755	1.16
4005	1.17
4255	1.18
4505	1.19

Section: SPA/XPA

Pitch Length (mm)	Fd
805	0.81
855	0.82
905	0.83
955	0.84
1005	0.85
1065	0.86
1125	0.86
1185	0.87
1255	0.88
1325	0.89
1405	0.90
1505	0.91
1605	0.92
1705	0.93
1805	0.94
1905	0.95
2005	0.96
2125	0.97
2245	0.98
2365	0.99
2505	1.00
2655	1.01
2805	1.02
3005	1.03
3155	1.04
3355	1.05
3555	1.06
3755	1.07
4005	1.08
4255	1.09
4505	1.10
4755	1.11
5005	1.12
5305	1.13
5605	1.14
6005	1.15

Table 28: Pitch length correction factors (Fd)

Section: SPB/XPB

Pitch Length (mm)	Fd
1255	0.83
1325	0.84
1405	0.85
1505	0.86
1605	0.87
1705	0.88
1805	0.89
1905	0.90
2005	0.91
2125	0.92
2245	0.93
2365	0.93
2505	0.94
2655	0.95
2805	0.96
3005	0.97
3155	0.98
3355	0.99
3555	1.00
3755	1.01
4005	1.02
4255	1.03
4505	1.04
4705	1.04
5005	1.05
5305	1.06
5605	1.07
6005	1.08
6305	1.09
6705	1.10
7105	1.11
7505	1.12
8005	1.13
8505	1.14
9005	1.15
9505	1.16
10000	1.17

Section: SPC/XPC

Pitch Length (mm)	Fd
2005	0.85
2125	0.86
2245	0.86
2365	0.87
2505	0.88
2655	0.89
2805	0.90
3005	0.91
3155	0.91
3355	0.92
3555	0.93
3755	0.94
4005	0.95
4255	0.96
4505	0.97
4755	0.98
5005	0.98
5305	0.99
5605	1.00
6005	1.01
6305	1.02
6705	1.03
7105	1.04
7505	1.04
8005	1.05
8505	1.06
9005	1.07
9505	1.08
10005	1.09
10605	1.09
11205	1.10
11805	1.11
12505	1.12
13205	1.13
14005	1.14
15005	1.15

Section: 3V/3VX

Belt Reference	Outside Length (mm)	Fd
3V 270	686	0.84
3V 285	724	0.85
3V 305	775	0.86
3V 320	813	0.87
3V 340	864	0.88
3V 360	914	0.90
3V 380	965	0.91
3V 405	1029	0.92
3V 430	1092	0.93
3V 455	1156	0.94
3V 480	1219	0.95
3V 505	1283	0.96
3V 535	1359	0.97
3V 565	1435	0.98
3V 605	1537	0.99
3V 635	1613	1.00
3V 675	1715	1.01
3V 715	1816	1.02
3V 755	1918	1.03
3V 805	2045	1.04
3V 855	2172	1.05
3V 905	2299	1.07
3V 955	2426	1.07
3V 1005	2553	1.08
3V 1065	2705	1.09
3V 1125	2858	1.11
3V 1185	3010	1.11
3V 1255	3188	1.13
3V 1325	3366	1.14
3V 1405	3569	1.15
3V 1505	3823	1.16
3V 1605	4077	1.17
3V 1705	4331	1.18
3V 1805	4585	1.19
3V 1905	4839	1.20
3V 2005	5093	1.21

Section: 5V/5VX

Belt Reference	Outside Length (mm)	Fd
5V 505	1283	0.84
5V 535	1359	0.85
5V 565	1435	0.85
5V 605	1537	0.87
5V 635	1613	0.87
5V 675	1715	0.88
5V 715	1816	0.89
5V 755	1918	0.90
5V 805	2045	0.91
5V 855	2172	0.92
5V 905	2299	0.93
5V 955	2426	0.94
5V 1005	2553	0.95
5V 1065	2705	0.96
5V 1125	2858	0.96
5V 1185	3010	0.97
5V 1255	3188	0.98
5V 1325	3366	0.99
5V 1405	3569	1.00
5V 1505	3823	1.01
5V 1605	4077	1.02
5V 1705	4331	1.03
5V 1805	4585	1.04
5V 1905	4839	1.05
5V 2005	5093	1.06
5V 2125	5398	1.07
5V 2245	5702	1.07
5V 2365	6007	1.08
5V 2505	6363	1.09
5V 2655	6744	1.10
5V 2805	7125	1.11
5V 3005	7633	1.12
5V 3155	8014	1.13
5V 3355	8522	1.14
5V 3555	9030	1.15
5V 3755	9538	1.16
5V 4005	10173	1.17

Table 28: Pitch length correction factors (Fd)

Section: 8V/8VX

Belt Reference	Outside Length (mm)	Fd
8V 1005	2553	0.87
8V 1065	2705	0.87
8V 1125	2858	0.88
8V 1185	3010	0.89
8V 1255	3188	0.90
8V 1325	3366	0.91
8V 1405	3569	0.92
8V 1505	3823	0.93
8V 1605	4077	0.93
8V 1705	4331	0.94
8V 1805	4585	0.95
8V 1905	4839	0.96
8V 2005	5093	0.97
8V 2125	5398	0.98
8V 2245	5702	0.98
8V 2365	6007	0.99
8V 2505	6363	1.00
8V 2655	6744	1.01
8V 2805	7125	1.02
8V 3005	7633	1.03
8V 3155	8014	1.03
8V 3355	8522	1.04
8V 3555	9030	1.05
8V 3755	9538	1.06
8V 4005	10173	1.07
8V 4255	10808	1.08
8V 4505	11443	1.09
8V 4755	12078	0.09
8V 5005	12713	0.10
8V 5305	13475	0.11
8V 5605	14237	1.12
8V 6005	15253	1.13
8V 6305	16015	1.13

Table 29: Installation of V-Belts (take-up allowances)

PIX-X'set® Classical V-Belts

Minimum Inside Length (mm)	Min. take-up allowance "x" (mm)	Installation allowance "y" (mm)								
		8	Z/ZX	A/AX	B/BX	20	C/CX	25	D	E
> 250 = 315	5	10	10	-	-	-	-	-	-	-
> 315 = 670	10	10	10	10	10	-	-	-	-	-
> 670 = 1000	15	10	15	15	15	-	-	-	-	-
> 1000 = 1250	20	15	15	15	15	20	20	-	-	-
> 1250 = 1800	25	15	20	20	20	20	25	25	-	-
> 1800 = 2240	25	20	20	20	20	25	25	30	35	-
> 2240 = 3000	35	-	20	20	20	25	30	30	35	40
> 3000 = 4000	45	-	20	20	20	25	30	30	35	40
> 4000 = 5000	55	-	20	20	20	30	30	30	35	40
> 5000 = 6300	70	-	-	20	25	35	35	35	40	45
> 6300 = 8000	85	-	-	20	25	40	40	40	45	50
> 8000 = 10000	110	-	-	25	25	40	45	45	45	50
> 10000 = 12500	135	-	-	-	30	40	45	45	50	55
> 12500 = 15000	150	-	-	-	40	50	55	55	60	65
> 15000 = 18000	190	-	-	-	40	50	55	55	60	65

PIX-X'set® Wedge Belts

Pitch Length (mm)	Min. take-up allowance "x" (mm)	Installation allowance "y" (mm)				
		SPZ/XPZ	SPA/XPA	SPB/XPB	19	SPC/XPC
> 487 = 670	10	10	10	-	-	-
> 670 = 1000	15	15	15	-	-	-
> 1000 = 1250	20	15	15	-	-	-
> 1250 = 1800	25	20	20	20	25	-
> 1800 = 2240	25	20	20	20	25	25
> 2240 = 3000	35	20	20	20	30	30
> 3000 = 4000	45	20	20	20	30	30
> 4000 = 5000	55	20	20	25	30	30
> 5000 = 6300	70	25	25	30	35	35
> 6300 = 8000	85	25	25	35	40	40
> 8000 = 10000	110	30	30	35	46	45
> 10000 = 12500	135	-	-	35	46	45
> 12500 = 15000	150	-	-	45	-	55
> 15000 = 18000	190	-	-	45	-	55

PIX-X'set® Narrow V-Belts

Pitch Length (mm)	Outside Length (mm)	Min. take-up allowance "x" (mm)	Installation allowance "y" (mm)		
			3V / 3VX	5V / 5VX	8V
> 265 = 400	> 673 = 1016	15	15	-	-
> 400 = 475	> 1016 = 1206	20	15	-	-
> 475 = 710	> 1206 = 1803	25	20	20	-
> 710 = 850	> 1803 = 2159	25	20	20	-
> 850 = 1180	> 2159 = 2997	35	20	20	40
> 1180 = 1600	> 2997 = 4064	45	20	20	40
> 1600 = 2000	> 4064 = 5080	55	20	25	40
> 2000 = 2500	> 5080 = 6350	70	-	30	45
> 2500 = 3150	> 6350 = 8001	85	-	35	45
> 3150 = 4000	> 8001 = 10160	110	-	35	50
> 4000 = 5000	> 10160 = 12700	135	-	35	50
> 5000 = 6000	> 12700 = 15240	150	-	45	60
> 6000 = 7100	> 15240 = 18034	190	-	45	60

Installation of V-Belts (take-up allowances)

PIX-DuraBand® Banded Belts

Pitch Length (mm)	Min. take-up allowance "x" (mm)	Installation allowance "y" (mm)			
		HA	HB	HC	HD
1200 = 1800	25	30	35	-	-
>1800 = 2240	25	30	35	-	-
>2240 = 3000	35	30	35	50	85
>3000 = 4000	45	30	35	50	85
>4000 = 5000	55	30	40	55	90
>5000 = 6300	70	35	45	60	90
>6300 = 8000	85	45	55	65	100
>8000 = 10000	110	45	55	65	100
>10000 = 12500	135	50	60	75	100
>12500 = 15000	150	60	70	85	110
>15000 = 18000	190	70	85	95	125

Pitch Length (mm)	Outside Length (mm)	Min. take-up allowance "x" (mm)	Installation allowance "y" (mm)			
			3V / SPZ	5V / SPA, SPB	8V	SPC
> 475 = 710	> 1206 = 1803	25	35	40	-	-
> 710 = 850	> 1803 = 2159	25	35	40	-	-
> 850 = 1180	> 2159 = 2997	35	35	40	80	-
> 1180 = 1600	> 2997 = 4064	45	35	40	80	80
> 1600 = 2000	> 4064 = 5080	55	40	45	85	85
> 2000 = 2500	> 5080 = 6350	70	45	50	85	85
> 2500 = 3150	> 6350 = 8001	85	50	55	95	95
> 3150 = 4000	> 8001 = 10160	110	50	55	95	95
> 4000 = 5000	> 10160 = 12700	135	-	60	95	95
> 5000 = 6000	> 12700 = 15240	150	-	70	105	105
> 6000 = 7100	> 15240 = 18034	190	-	85	120	120

Note: For Banded Belts in sections SPZ, SPA, SPB and SPC please take into account pitch lengths
For Raw Edge Banded Belts, the same x/y values are to be referred

Idlers / Tension pulleys

Idlers are basically no-loaded-wheels that are used in a drive system under the following conditions.

- 1) Drives with fixed centre distance, so as to provide the required installation & take-up allowances
- 2) On longer and unsupported spans, such as dampers & guides where the chances of vibrations are more
- 3) As an outside idler when the arc-of-contact on one of the drive pulleys is too low. Also helps in reducing the slippage and the need to increase the number of required Belts
- 4) As a guide where the drive system pulleys are not in the same plane
- 5) To guide the Belts pass obstructions
- 6) As pneumatically, or spring loaded idlers to maintain the constant tension in the drive
- 7) As clutches where the driven pulley can be engaged or disengaged

The usage of idlers should be as far as possible avoided as they generate additional bending stresses in the Belt, leading to drastic reduction in the Belt life. However, under the conditions listed above where it may be absolutely essential to use the idlers, following criteria must be observed when designing the drive.

1. Idler configuration
2. Position of the idler in the Belt span
3. Shape of the idler
4. Allowance for idler-travel
5. Correction of power rating

Idler configuration

Principally idlers can be used internally or externally depending on the drive conditions. However, unless the drive requirement calls for an outside idler, possibly inside idler should be used. The inside idler can be either flat or a grooved pulley depending on the type of Belt used in the drive system. It is suggested that the flat inside idler be used only when classical section is used, while in all other cases a grooved pulley be used. However, the usage of inside idler reduces the arc of contact on the loaded wheels and with it consequently the arc-of-contact correction factor. Hence when designing the drive with inside idler the arc of contact correction factor should be selected for the position of the idler at the point of maximum Belt stretch (Refer table on Page number 123)

Outside idlers should always be flat because they run on the back of the Belt. Outside idlers invariably increase the arc-of-contact. Care should however be taken to see that the maximum Belt stretch is achieved and the contact with the opposite side of the span is avoided. The reverse bending caused because of the usage of the outside idler reduces the life of the Belt.

We suggest the usage of special construction PIX Belts on these drives. For further queries you may please get in touch with us at info@pixtrans.com

Idler positioning

Practice has shown that the placement of idler, whether it is an inside idler or an outside idler, should be on the slack side of the drive. This helps in significant reduction in the tension idler force.

Idlers / Tension pulleys

In the case of inside idlers, grooved pulley can be placed anywhere in the entire span length on the slack side of the drive. However, to obtain the best from your drive, it is suggested that wherever possible the arc-of-contact on both the drive pulleys should be brought as close as possible to each other when the idler reaches its limit position.

Flat pulleys, used as inside or outside idlers are to be placed as far as possible away from the grooved pulley, on which the Belt runs next. This will avoid any alignment errors between the idler, the pulley and the resultant sideways movement of the Belts on the pulley. Refer figures below.

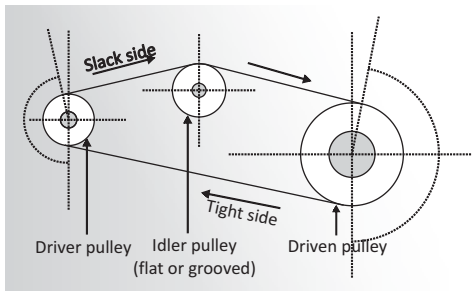
On drives where inside idler are used to break the longer spans, it is suggested that a grooved pulley be used because the usage of flat idler can result in transverse vibrations leading to the Belt turnover.

Minimum diameter recommended for idlers

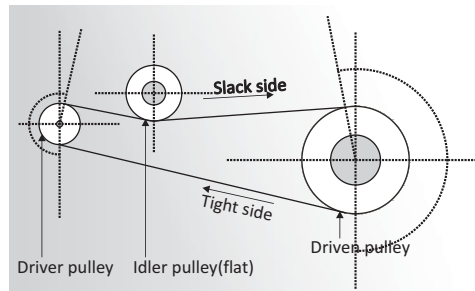
Inside Idler > smallest loaded pulley in the drive system or smallest permissible pulley diameter for section used.

Outside Idler > 1.5 times the smallest pulley in the drive system.

Inside Idler



Outside idler



Idler design

Grooved idlers should have the standard groove dimensions for optimum results. In case of long spans and the drives with severe vibrations, however, deep grooved pulleys are recommended. Flat pulleys on the other hand should always be cylindrical and not crowned. Wherever idlers are used as Belt guides, it is suggested that a flanged pulley be used with sharp corners to avoid the running over of the Belt over the flange causing turnover.

The distance between two flanges is governed by the following formula: $b = b_2 + m$, where

b = required face width (mm)

b_2 = face width of grooved pulley (mm)

m = additional value (mm)

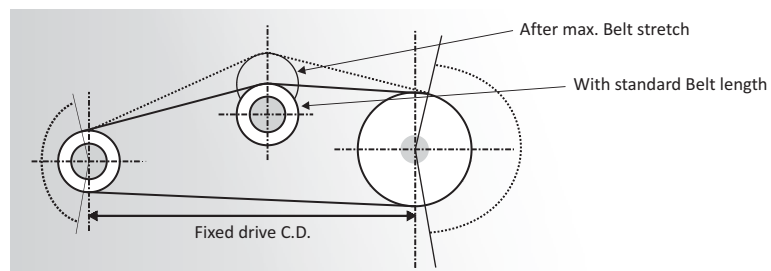
Idlers / Tension pulleys

Section	m (mm)
SPZ / XPZ / 3V / 3VX / Z / ZX	15
SPA / XPA / A / AX	20
SPB / XPB / 5V / 5VX / B / BX	25
SPC / XPC / C / CX	30
8V / 8VX	35
D	40
E	45

Number of Belts required

The usage of idlers invariably decreases the service life of Belts. To avoid the reduction in the Belt service life, idler correction factor is also to be considered while calculating the number of Belts required.

Arc of contact correction factor "C1"					
Angle (degree)	C1	Angle (degree)	C1	Angle (degree)	C1
75	0.82	140	0.96	195	1.01
80	0.84	145	0.97	200	1.01
85	0.86	150	0.97	205	1.01
90	0.88	155	0.98	210	1.01
95	0.90	160	0.98	215	1.01
100	0.91	165	0.99	220	1.01
105	0.92	170	0.99	225	1.01
110	0.93	175	0.99	230	1.01
115	0.94	180	1.00	240	1.02
125	0.95	185	1.00	250	1.02
130	0.96	190	1.00		



Drive calculations:

The calculations for the length required are same as for the drive with two pulleys. However the following details are required to be noted when designing the same.

- 1) The required Belt length is calculated using the standard procedure. (L_p)
- 2) If the Belt has to be used with fixed centre distance, then double the installation allowance be added to the pitch length calculated above, i.e., $L_{p_1} = L_p + 2y$
 where, L_{p_1} is the length considering installation allowances.
 L_p is the pitch length calculated in step 1.
 'y' is the installation allowance (see table no.29 on page number 119)
- 3) The next largest standard length L_p (standard) is to be chosen near to L_{p_1} , however care be taken to check that the Belt can be adequately tensioned with the idler in the outermost position. Length of the Belt for idler in the end position can be calculated as follows:

$$L_d (f) = L_p (\text{standard}) + 2x$$

where, $L_d (f)$ is the length for idler end position that is after maximum Belt stretch (final).
 L_p (standard) is the standard length selected as above.
 x is the take-up allowance (See table no.29, on page number 119)

No. of idlers	C4
0	1.00
1	0.91
2	0.86
3	0.81

Number of required Belts:

$$N = \frac{Pxc_2}{pxc_1xc_3xc_4}$$

- N = No. of required Belts
- P = Power in kW
- p = Power rating of the Belt
- c1 = From above table
- c2 = Service factor
- c3 = Belt length factor
- c4 = Idler correction factor as above

V-Flat drives

The V-flat drive comprises of one grooved pulley and one flat pulley. V-flat drives are generally used where; under certain conditions intermittent loading and large moment of inertia have to be considered. The conversion from a flat drive to a V-flat drive is a relatively low cost exercise because of the presence of the existing flat pulley.

Pre-requisites for a V-flat drive:

- 1) The smaller pulley should always be V-grooved pulley.
- 2) When using single Belts, only classical Belts are to be used because of higher top width to height ratio (1.6:1).
- 3) Wedge Belts should never be used on these drives because of their lower top width to height ratio (1.2 : 1), which makes these Belts more vulnerable to turning on their sides.
- 4) PIX-DuraBand® banded Belts are more justifiable on these drives. The reinforced band over the Belts provides the required lateral rigidity preventing the Belt from turning over even under the extreme adverse conditions.
- 5) V-flat drives are economical when 'K' lies between 0.5 & 1.15

$$\text{where } K = \frac{(D_a - d_d / d_a)}{a}$$

Da = outside diameter of flat pulley (mm)

dd = pitch diameter of grooved pulley (mm)

da = outside diameter of grooved pulley (mm)

a = centre distance (mm)

The ideal drive is achieved, when K = 0.85

The design procedure for V - flat drive is similar to that of normal V-Belt drives, except that the arc of contact correction factor has to be modified.

$K = \frac{(D_a - d_d / d_a)}{a}$	B (degree)	C_1
0.00	180	0.75
0.07	176	0.76
0.15	170	0.77
0.22	167	0.79
0.29	163	0.79
0.35	160	0.80
0.40	156	0.81
0.45	153	0.81
0.50	150	0.82
0.57	146	0.83
0.64	143	0.84
0.70	140	0.85
0.75	137	0.85
0.80	134	0.86
0.85	130	0.86
0.92	125	0.84
1.00	120	0.82
1.07	115	0.80
1.15	110	0.78
1.21	106	0.77
1.30	100	0.73
1.36	96	0.72
1.45	90	0.70

Classical V-Belts

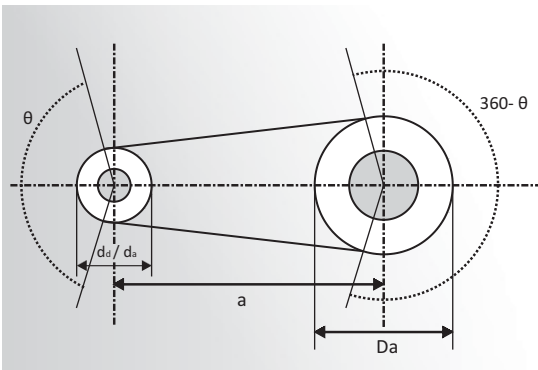
Section	Z	A	B	C	D	E
Dz	7	10	13	18	23	25

Banded Belts

Section	SPZ/3V	SPA	SPB/5V	SPC	8V
Dz	13	18	23	36	41

Calculation of Pitch Length

$$L_p = 2a + 1.57 (d_o + D_a + D_z) + \frac{(D_a + D_z - d_o)^2}{4a}$$



Calculation of outside length for Banded Belts:

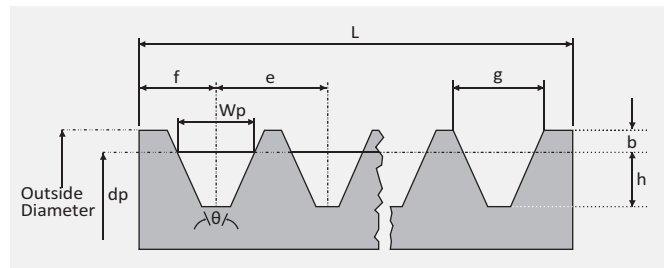
$$L_a = 2a + 1.57 (d_a + D_a + D_z) + \frac{(D_a + D_z - d_a)^2}{4a}$$

Based on above, the following recommendations are made to obtain the best from your V-flat drive.

	V-Belts	Banded Belts
Speed Ratio	$r = \frac{D_a}{d_d} \approx 3$	$r = \frac{D_a}{d_a} \approx 3$
Drive Centre Distance	$a = \frac{D_a - d_d}{0.85}$	$a = \frac{D_a - d_a}{0.85}$
"K" - Factor	$K = \frac{D_a - d_d}{a}$	$K = \frac{D_a - d_a}{a}$
	$0.5 \leq K \leq 1.15$	

Standard V-Grooved Pulleys

The maximum distance 'L' between the outside edges of the pulley, i.e. the face width is equal to $(x-1)e + 2f$ (where 'x' is the number of grooves).



Multi grooved pulley cross section

Cross section symbol	Groove pitch width (Wp)	Minimum distance from outside diameter to pitch diameter (b) (mm)	Minimum groove depth below pitch dia. (Note 4) (h) (mm)	Centre to centre of groove (see Note 2) (e) (mm)	Edge of pulley to 1st groove centre (see Note 3) (f) (mm)	Pitch diameter (dp) (mm)	Groove angle (θ) (mm)	Minimum top width of groove (g) (mm)
Z, SPZ, ZX, XPZ	8.5	2.00	9.0	12 ± 0.3	8.0 ± 1.0	Up to 80 Over 80	34 ± 0.5 38 ± 0.5	9.7 9.9
A, SPA, AX, XPA	11.0	2.75	11.0	15 ± 0.3	10.0 + 2.0 - 1.0	Up to 118 Over 118	34 ± 0.5 38 ± 0.5	12.7 12.9
B, SPB, BX, XPB	14.0	3.50	14.0	19 ± 0.4	12.5 + 2.0 - 1.0	Up to 190 Over 190	34 ± 0.5 38 ± 0.5	16.1 16.4
C, SPC, CX, XPC	19.0	4.80	19.0	25.5 ± 0.5	17.0 + 2.0 - 1.0	Up to 315 Over 315	34 ± 0.5 38 ± 0.5	21.9 22.3
D	27.0	8.10	19.9	37 ± 0.6	24.0 + 3.0 - 1.0	Up to 475 475 & over	36 ± 0.5 38 ± 0.5	32.3 32.6
E	32.0	9.60	23.4	44.5 ± 0.7	29.0 + 4.0 - 1.0	Up to 610 Over 610	36 ± 0.5 38 ± 0.5	38.8 39.3
3V, 3VX		0.64	8.0	10.3 ± 0.4	8.7 + 2.0 - 0.8	Up to 88 88 to 152 152 to 305 above 305	36 ± 0.5 38 ± 0.5 40 ± 0.5 42 ± 0.5	8.9
5V, 5VX		1.27	13.7	17.5 ± 0.4	12.7 + 3.0 - 1.0	Up to 254 254 to 406 above 406	38 ± 0.5 40 ± 0.5 42 ± 0.5	15.2
8V, 8VX		2.54	22.6	28.6 ± 0.4	19.0 + 6.0 - 1.5	Up to 406 406 to 569	38 ± 0.5 40 ± 0.5	25.4

Note:

- 1) See figure for symbol.
- 2) The tolerance on dimension apply to the distance between the centre of any two grooves whether adjacent or not.
- 3) It is recommended that the tolerance on dimension should be taken into account in the alignment of the pulleys.
- 4) When the pulleys are to be used for V-Belts Z, A, B, C only, dimension 'h' may be reduced by 20 %.
- 5) Only above dimension pulleys should be used for Banded Belts except for 'A' section, where $e = 15.9$ mm. The tolerance for side wobble and for run out (eccentricity), in mm per millimeter of pulley diameter shall be as follows:
 - Pulley diameter < 500 mm ± 0.001 mm
 - 500 mm $<$ Pulley diameter < 1500 mm ± 0.0015 mm
 - Pulley diameter > 1500 mm ± 0.002 mm

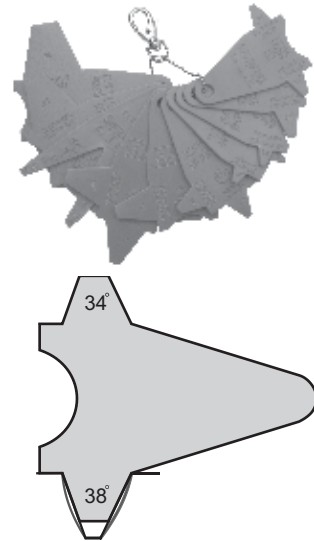
Service equipment

PIX Pulley gauges

PIX Pulley Gauges are specially designed for checking the profiles of the grooves of various conventional and dual section pulleys.

Groove checking procedure

1. Identify the pulley gauge to be used according to the section.
2. Measure the groove by inserting the gauge. Identify if any clearance lies between the side-walls of groove & the gauge.
3. Measure the present clearance using a Feeler Gauge.



PIX Belt length finder

PIX Belt Length Finder is used for checking the length of the Belt where size on the Belt is not clearly visible. It can also be used to confirm the size of the Belt.

There are three types of Length finders

- Conventional
- Flat Pulley
- Poly-V



The maximum Belt length which can be measured with these length finders is up to 120 inches.

Belt length measurement procedure

1. Place the Belt on the upper half of the pulley, which is fixed.
2. Slide down the lower half of pulley with the Belt along the scale till the Belt gets sufficiently stretched.
3. Marker at the lower position of the bottom half will show the reading in mm / inches.
4. Note down the reading and compare it with the Belt size mentioned on the Belt.

Service equipment

PIX digital tension meter:

PIX Digital version of tension meter is used to correct the tension factor in a drive, thus helping the users' to attain the optimum Belt tension.

This equipment works on frequency measurement phenomenon.

Advantages:

- Non-contact measurement with repeated accuracy
- Large range of measurement from 10Hz to 600Hz
- High level of accuracy
- Evaluation of the quality of measurement results
- Suppression of background noise
- Universal measuring head for convenient measurement
- Detachable measuring sensor for narrow spaces



Operating procedure:

Plug the microphone to the instrument either directly or through the extension lead. Turn the instrument "ON".

The symbols "A & m" will appear. ("m" will not appear if the microphone is not connected).

Place the microphone head just above or along-side the Belt under tension at the mid-point and cause the Belt to vibrate by tapping it or plucking it.

The measurement evaluation begins when a constant frequency is reached. This is indicated by the LED in the corner of the "ON" switch. The frequency result is displayed in Hz on the LCD.

The symbol "A" in the display is replaced by the number between "1" and "4". The number represents the number of successful iterations. If "E" appears after the number, it indicates one of the measurements was outside of the tolerance range.

If "1" or "E" appears it is strongly recommended that the measurement should be repeated once "A" re-appears on the display.

The measurement that appears on the display should be compared to the theoretical (calculated) frequency (Hz). The Belt tension should be adjusted depending on the measurement result and repeated until the calculated value is reached.

The reading on the meter is displayed for two minutes, after which the device automatically switches off. To re-start the device, press the "ON" switch.

Service equipment

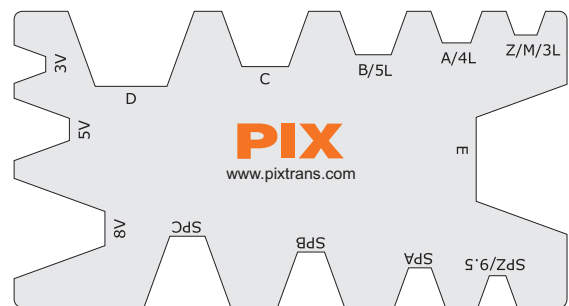
Technical data:

Range of measurement:	10 - 600 Hz
Measuring precision:	10 - 400 Hz \pm 1% 400 - 600 Hz \pm 2% \pm 1 digit
Measuring method:	Non contact acoustic with background noise suppression
Voltage supply:	2*1, 5V Mignon (LR06) AA
Power consumption:	< 25mA
Display:	LCD 2 lines of 8 characters
Working temperature:	0° to +50°C
Storage temperature:	-20 to +60°C

PIX Belt profile gauge

PIX Belt Profile Gauge is a simple tool to determine the Belt section, If the Belt marking or the printed label is not visible. Insert the Belt in the profile, which is made on Angle Gauge / Belt Profile Gauge for deciding the exact belt profile.

This is a sole template which can be used to judge the cross-sectional dimensions (Top width, thickness & included angle) of all wrapped belts w.r.t. profiles made on the gauge. It is light weighted, handy stencil, easy to understand and ensures effortless use.



PIX-X' Align® Laser-guided Pulley alignment instrument

PIX-X'Align® Laser-guided pulley alignment instrument is a robust and highly effective maintenance tool, used to correct the misalignment of pulleys in a drive, to help the user to obtain the maximum service life of the Belt.



Why Laser Alignment Tool?

Precise alignment of drives is an indispensable requisite for augmenting the performance and life of Belt drives.

Misaligned pulleys are a common problem in Belt driven machines. Pulleys that are not properly aligned cause increase in the noise, vibration levels, uneven tensioning of the Belts. This can further result in Belt slippage, premature Belt failure, wearing-out of the pulleys, expensive downtime of machine, short equipment life, and inefficient operation of the drive.

Hence, a well aligned drive system is the solution to avoid such problems in obtaining optimum Belt performance.

Traditional, low-tech methods on today's precision machinery involve plenty of trials and error, naked

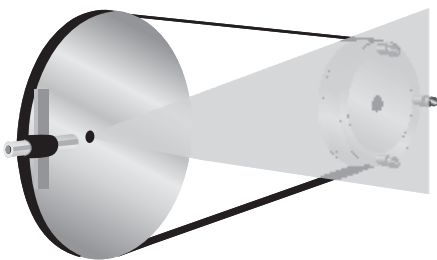
Service equipment

eye observation, approximation and estimation. Hence, major disadvantages of traditional Belt and Pulley alignment include both inaccuracy and wasted effort. All produce a wide margin for error, which is unacceptable for precision pulley alignment.

However, in today's aggressive global market, it is genuinely not affordable to gamble the productivity and profitability on the naked eye observations. The Laser alignment is the industry standard method for accurately realigning Belts, pulleys, sheaves, sprocket drives, and other wear components. PIX Laser alignment instrument presents usability, accuracy and durability on the job that is unparalleled by any other laser pulley alignment tools.

Features & Benefits:

- Proven in harsh environments
- Extremely robust - nickel plated brass
- Measurement span up to 8m
- Ensuring precise alignment for all drives
- Easy to use without any special training
- Small compact and handy
- Enhanced predictive maintenance



Technical Specifications:

Measurement	Distance up to 8m
Focus	2.0m
Optic	Line, gaussian light distribution, 90° fan angle
Output power	5mW
Laser class	1M (EN 60825-1:2007)
Wavelength	635nm
Laser color	Red
Accuracy	< 0.5mm/m
Parallelism	< 0.5mrad to the magnetic surface
Angle measurement	Better than 0.2°
Temperature range	-20°C to +40°C
Housing	Nickel plated brass laser transmitter Ø 20 x 120mm
Weight	With magnetic holder 250g
Securing	Magnetic; When non-magnetic: drives secure with double-sided adhesive tape
Supply voltage	battery, one 1.5V AA
Certified	CE approved, FDA approved

PIX V-Belt tension tester

Proper Belt tension is essential for optimum power transmission and also for the life of the Belt. To ensure optimum V-Belt drive operation, it is recommended to check the tension in the Belts by measuring the deflection force value (N) with the help of a tension measuring device.

Belt tension in most of the drives can be checked with adequate reliability by means of PIX V-Belt Tension Tester.

Service equipment

Tension Measurement Procedure

1. Measure the span-length of the Belt in mm. (refer below sketch drawings)
2. Tie a string or a thread on the two pulleys along with the length of the Belt and mark the center of the span on the Belt.
3. Calculate 1.5% of the span (say 'x') for Belt length less than 1000 mm and 1.0% of the span for Belt length more than 1000 mm. Adjust lower ring on the tension tester on the millimeter scale to coincide, "x" mm with the lower side of the ring. Adjust lower side of the upper ring at 0.00 N.
4. Place tension tester at the center of the span of the Belt. Apply force with the help of tension tester perpendicular to the span, till the lower surface of the lower ring touches the string.
5. Read the deflection force value (N) on the Newton scale by taking reading at the lower side of the upper ring.
6. Compare the deflection force value (N) with the values given in the Table 'A'. The deflection force value (N) should lie between the minimum and maximum values given in the Table 'A'. (Next page)
7. Deflection force less than the minimum recommended value in the range indicates an under-tensioned drive & deflection force higher than the maximum recommended value indicates an over-tensioned drive.

Important:

- 1) For new Belts the deflection force value (N) should be kept at maximum.
- 2) Maximum deflection force value (N) is recommended for pulsating & shock loads.
- 3) It is recommended to re-check the Belt tension after approximately 24 hours of running and adjust the tension, if necessary.

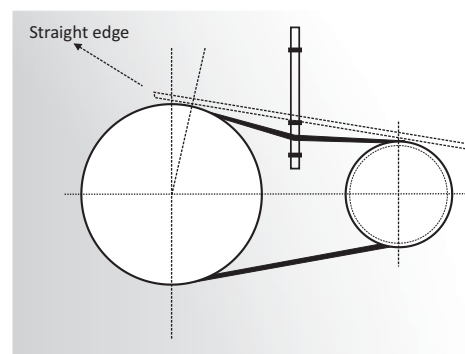
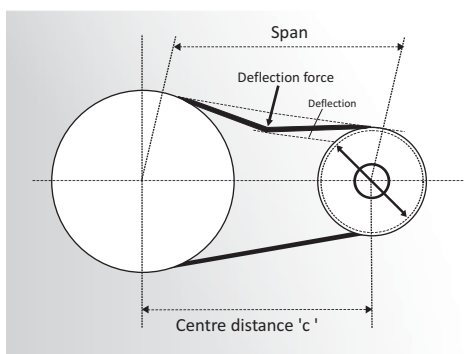


Table A

Deflection force required for measuring tension in V-Belt drives								
Cross Section	Smaller pulley diameter (mm)	Condition1 Deflection@1% of span, if span length is more than 1000mm			Condition2 Deflection@1.5% of span, if span length is less than 1000mm			
		Required deflection force 'F' at the centre of span for Belt speed			Required deflection force 'F' at the centre of span for Belt speed			
		0 m/s to 10 m/s Range (N)	10 m/s to 20 m/s Range (N)	< 20 m/s Range (N)	0 m/s to 10 m/s Range (N)	10 m/s to 20 m/s Range (N)	< 20 m/s Range (N)	
WRAPPED BELTS	CLASSICAL Belts							
	Z	50-100	4-6	4-5	3-4	5-8	5-7	4-5
		100 & above	6-9	6-7	5-6	8-12	8-9	7-8
	A	71-140	8-12	7-10	6-8	11-16	9-13	8-11
		140 & above	12-18	10-14	8-12	16-24	13-19	11-16
	B	112-200	16-24	13-19	10-16	21-32	17-25	13-21
		200 & above	24-35	19-29	16-24	32-47	25-39	21-32
	C	180-400	31-46	26-38	20-31	41-61	35-51	27-41
		400 & above	46-70	38-58	31-46	61-93	51-77	41-61
	D	315-600	62-90	52-76	42-62	83-120	69-101	56-83
		600 & above	90-134	76-115	62-90	120-179	101-153	83-120
	E	450-915	108-160	90-137	73-109	144-213	120-183	97-145
		915 & above	160-240	137-205	109-160	213-320	183-273	145-213
	WEDGE / NARROW Belts							
	SPZ / 3V	63-95	8-12	7-10	6-9	11-16	9-13	8-12
		95 & above	12-17	10-16	9-14	16-23	13-21	12-19
	SPA	90-140	14-20	12-17	10-14	19-27	16-23	13-19
		140 & above	20-31	17-26	14-22	27-41	23-35	19-29
SPB / 5V	140-265	25-36	20-32	18-27	33-48	27-43	24-36	
	265 & above	36-46	32-41	27-37	48-61	43-55	36-49	
SPC	224-355	46-66	38-58	32-52	61-88	51-77	43-69	
	355 & above	66-85	58-76	52-70	88-113	77-101	69-93	
8V	335-520	81-107	68-90	56-73	108-143	91-120	75-97	
	520 & above	107-167	90-140	73-113	143-223	120-187	97-151	
CUT EDGE BELTS	CLASSICAL V-Belts							
	ZX	40-100	5-7	5-6	3-5	6-9	6-8	5-6
		100 & above	7-10	7-8	6-7	9-14	9-11	8-9
	AX	63-140	9-14	8-12	7-9	12-18	11-15	9-12
		140 & above	14-21	12-16	9-14	18-28	15-21	12-18
	BX	90-200	18-28	15-22	12-18	25-37	20-29	15-25
		200 & above	28-40	22-33	18-28	37-54	29-44	25-37
	CX	140-400	36-53	30-44	23-36	48-71	40-58	31-48
		400 & above	53-81	44-67	36-53	71-107	58-89	48-71
	WEDGE / NARROW V-Belts							
	XPZ / 3VX	56-95	9-14	8-12	7-10	12-18	11-15	9-14
		95 & above	14-20	12-18	10-16	18-26	15-25	14-21
	XPA	71-140	16-23	14-20	12-16	21-31	18-26	15-21
		140 & above	23-36	20-30	16-25	31-48	26-40	21-34
XPB / 5VX	112-265	29-41	23-37	21-31	38-55	31-49	28-41	
	265 & above	41-53	37-47	31-43	55-71	49-63	41-57	
XPC	180-355	53-76	44-67	37-60	71-101	58-89	49-80	
	355 & above	76-98	67-87	60-81	101-130	89-117	80-107	

Note:

Maximum Belt linear speed (Classical section: up to 30 m/sec, Wedge: up to 42 m/sec, Narrow: up to 45 m/sec).

PIX Drive Design Software

PIX drive design software offers drive solution for Wrap Construction Belts, Raw Edge Cogged Belts, Poly / Ribbed V-Belts and Timing Belts considering two-pulley drive. The main interface is divided in two parts namely:

Quick calculations & Drive Design:

There is a provision for calculating parameters viz. centre distance, pitch length, tensioning and power rating with minimum required Input values.

The compact screen has a provision for required input values to offer detailed calculations for new drive design and existing drive.

- 1. Section selection:** The user has a choice to select from various sections or keep it unmarked to provide the scope for software to offer results for eligible sections.
- 2. Design parameters:** Design ID – The software provides unique identity for each drive calculations. Also we can choose from the various records saved earlier. There are two more fields which are not mandatory.
- 3. Existing drive parameters:** This field is for verification of requirements of an existing drive.
- 4. Design conditions:** It has provision for entering power, service factor and centre distance.
- 5. Driver pulley and driven pulley:** The motor and follower rpm can be entered. The diameters can either be entered or selected from the range available.

The recorded input data sheet can be saved and retrieved from the field “Design ID”. The next button is to go for detailed calculation sheet. The type of customer can be selected from the drop down window and a specific record number can be allocated to get in final print sheet for easy identification. Also, there is a provision to get the center distance for user specified pitch length. The desired section results can be printed by ticking it.

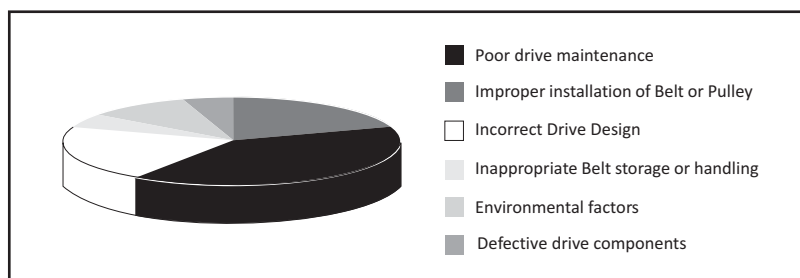


The final output is available in the form of following report.

PIX Drive Design		REPORT		
Design id: DDR/S/SPC				
Name of customer : XYZ		7/29/2015		
Design inputs:				
Sr no.	Parameters	Abb	Values	Unit
1	Motor power	P	160	kW
2	Driver speed	r	3000	rpm
3	Driven speed	R	1041	rpm
4	Driver pulley pitch diameter	d	234	mm
5	Driven pulley pitch diameter	D	675	mm
6	Nominal center distance	C	699	mm
7	Special condition			
8	Drive application		Compressor	
Design output:				
1	Design power	Pd	240.00	kW
2	Service factor	K	1.50	
3	Speed ratio	Sr	2.88	
4	Linear speed	v	36.76	m/s
5	Belt section selected		SPC	
6	Pitch length of standard Belt	Lp	2,895	mm
7	Centre distance for standard pitch length	CD	699.16	mm
8	Power rating	PR	28.81	kW
9	Arc of contact correction factor	Fc	0.97	
10	Length correction factor	Fd	0.90	
11	Calculated number of Belts	N	9.54	
12	Number of Belts considered	N	10	
13	Belt take-up allowance	x	35	mm
14	Belt installation allowance	y	-30	mm
15	Span length	L	664.39	mm
16	Weight per meter	m	0.37	Kg/m
17	Dynamic shaft loading	Dsl	7,138.45	Newton
18	Pulley section		SPC with 10 grooves	
19	Belt reference		SPC-2895	
Installation value:				
20	Static Belt tension	Tsi	1,091.71	Newton
21	Frequency	f	41.00	Hz
22	Static shaft loading	Sli	20,719.92	Newton
23	Belt deflection at the center of span length	di	9.97	mm
24	Deflection force required for measuring tension	Dfi	69	Newton
Retensioning value:				
25	Static Belt tension	Tsi	839.78	Newton
26	Frequency	f	36.00	Hz
27	Static shaft loading	Sli	15938.40	Newton
28	Belt deflection at the center of span length	di	11.01	mm
29	Deflection force required for measuring tension	Dfi	69	Newton
PIX-X'set® SPC-2895 Lp [10 - Number(s)]				
Driver pulley pitch diameter	234	mm		
Driven pulley pitch diameter	675	mm		
Nominal center distance	699	mm		

Maintenance of V-Belts

Drive problems can be caused due to:	%
<ul style="list-style-type: none"> • Improper Installation of Belt or Pulley Misalignment; improper tensioning; mishandling of Belts; interference of the guard 	20
<ul style="list-style-type: none"> • Poor drive maintenance No periodic drive checks; incorrect drive alignment & drive components; No re-tensioning; using worn grooves 	40
<ul style="list-style-type: none"> • Incorrect drive design Incorrect Belt type; under or overloaded drive; pulley diameters less than recommended 	20
<ul style="list-style-type: none"> • Inappropriate Belt storage or handling Exposure to sunlight, excessive heat, moisture; Belts stored for too long; temperature; high humidity 	05
<ul style="list-style-type: none"> • Environmental factors Rust; dust; heat/cold; water/humidity 	10
<ul style="list-style-type: none"> • Defective drive components Worn Belts; worn pulleys or grooves; improper idlers; weak mounting brackets 	05
Total	100



Augment drive performance

- Make it a practice of using standard / premium Belts
- Keep grooves or sprockets properly aligned
- If the grooves or sprockets are worn out, replace them
- Periodically review the Belt drive
- Review the Belt installation and maintenance procedure
- Re-tension the newly installed Belt, after 24 hours

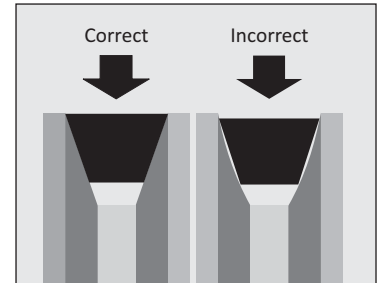
Installation of V-Belts

Installation procedure for V-Belts

Check the Pulley:

Before installation, check the pulleys for wear and for the presence of any foreign material. Worn out pulleys must be replaced to ensure good contact between the pulley and the Belt. Worn out pulleys, if not replaced may lead to-

- Early failure of the Belt
- Belt may tend to slip-off from the pulley groove
- Reduction in power transmission capacity
- Excessive vibrations, especially when the sides of the pulley are damaged



Always check the following before installation

- Check the pulley groove with the help of pulley gauges.
- The pulley groove surface area should be smooth and free of burrs; rough surface may lead to an unwanted abrasion of the Belts, reducing its life.

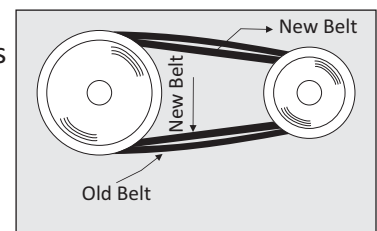
Checking pulley groove, key and the shaft :

Before replacing worn-out Belts, it is a must to check the fitting of the pulley with the shaft. If there is any gap or a play between the two, replace the worn-out component immediately. Make sure that the pulley is properly fitted with the shaft, improper fitting leads into jerks, resulting into earlier failure of the drive.

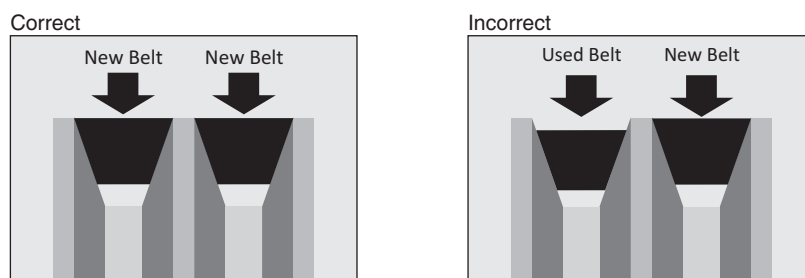
Do not mix old / new Belts :

Do not use newly purchased Belt with an old Belt on the same drive. This may lead into-

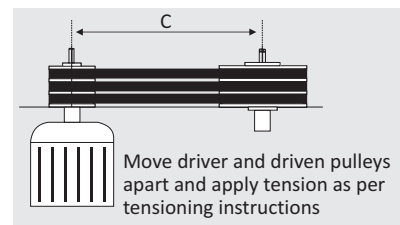
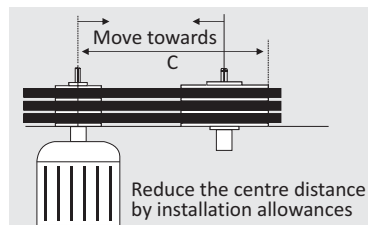
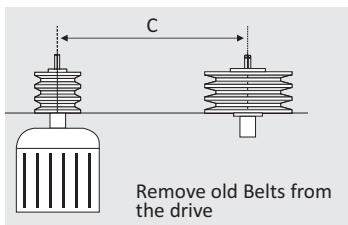
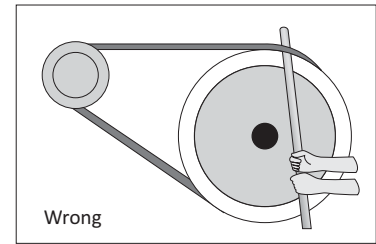
- Non uniform tensioning
- Reduction in power transfer
- Reduced working life of the new Belts
- Slippage of the old Belts



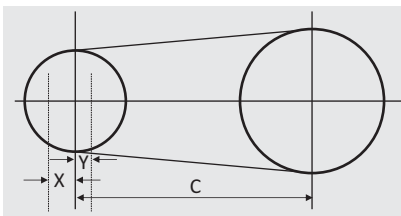
While replacing the Belts, always go for a set of new Belts from the same manufacturer



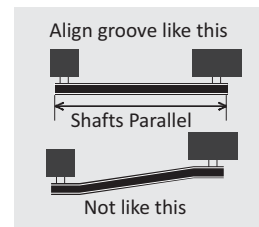
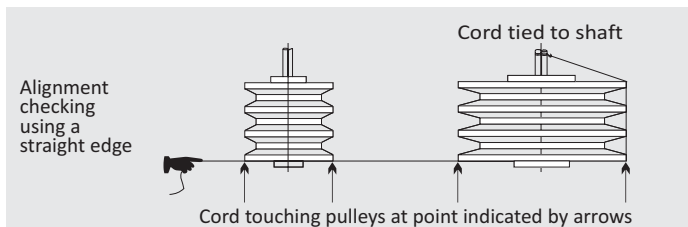
Installation of V-Belts



Installation of V-Belts (take-up allowances)



Checking Alignment: Proper alignment of pulleys is vital to attain better performance. Use following method to check the alignment of pulleys, if to be done without using the laser alignment tool.



Re-tensioning

Proper tensioning is required to achieve maximum output from the drive. For any new installation Belt tension should be checked for the first two days of operation and the Belts should be re-tensioned, if required.

Drive Guard

Once the installation is done, the drive should be covered with appropriate drive guard.

Preventive maintenance

Accessibility to the drive:

It is imperative to maintain safe access to the drive. The drive-area should be kept free from clutter, debris or any obstruction. Floor surface should be clean and free from oil or grease.

Drive Guard

The drive should always be guarded properly. Drive guard should be designed properly to -

- Enclose the drive completely
- Facilitate proper ventilation
- Offer easy access to the inspection doors
- Easy replacement
- Protect the drive from environmental damages

Inspection planning for preventive maintenance

Periodic inspection of the drive is suggested as a part of preventive maintenance. Look and listen for anything unusual. A perfectly designed drive will always function smooth and quietly.

Inspect the guard for vibrations if any, tighten it with the base, if it is loose. Avoid accumulation of dust and grime on the Belt guard as it will block the ventilation, leading into the rise in temperature and premature failure of the Belt.

Elevated temperature does affect the efficiency of the Belts. A rise of 20°C in the ambient temperature above 60°C will reduce the Belt life by 50%.

Prevent dripping of oil or grease on the Belt; this is very common, if the bearings are lubricated excessively. If it continues for a prolonged period, it may lead into the swelling of Belt resulting into premature failure.

Frequency of inspection

Certain factors are to be considered before deciding upon the frequency of inspection, they are -

- Operating speed of the drive
- Operating cycle of the drive
- Criticality of the drive
- Temperature extremities
- Environmental factors

If the drive is exposed to any of the above condition, it should be inspected periodically at shorter intervals.

To help the maintenance person to prepare his maintenance schedule, following guidelines can prove to be very helpful.

Critical drives

A quick visual & hearing inspection may be planned once a week.

Preventive maintenance

Normal drives

A quick visual & hearing inspection can be done once a month.

Complete inspection

Complete inspection should be carried out to check the entire drive, every three months.

Inspection

Checklist for the inspection of drive

- Switch-off the electrical supply
- Tension the Belts as per standard norms
- Re-tension the Belts after an initial run of 24-48 hours
- Put the drive guard in place
- Resume electrical supply, restart the drive, look & listen for anything unusual

Clothing

Never wear aprons or clothes which are too long or of loose fitting or neck-ties in the vicinity of Belt drive, the sleeves should also be rolled-up to avoid any accident.

Use hand-gloves while inspecting the sheaves as sometimes the pulleys are worn out or may have sharp edges.

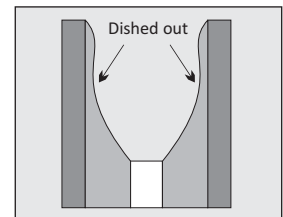


Belt inspection

Check the Belts for wear-out.

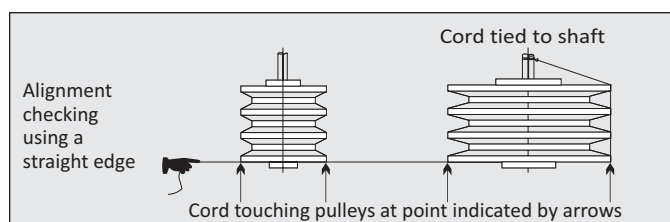
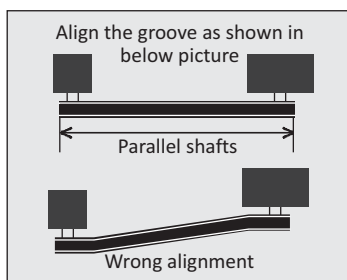
Pulley inspection

Inspect the sheaves for burrs, sharp edges, wear-out (eg. dish out) alignment.



Alignment

Alignment can be checked by using PIX-X'Align® Laser-guided Pulley alignment instrument or by a string pulled across the face of the pulleys. Misalignment can be seen in the form of a gap between the string and the pulley face.



Preventive maintenance

Probable causes of misalignment

Factors primarily contributing to misalignment are -

- Motor shafts and driven machine shafts are not parallel
- Pulleys are not properly located on the shafts
- Pulleys are tilted due to improper mounting

In general, the tolerance permissible for misalignment is 1° maximum. The greater the misalignment more are the chances of the Belt instability, increased Belt wear & Belt turn-over.

Belt guard inspection

Check the Belt guard for protruding parts or sharp edges, if any. Check for proper ventilation, clean if necessary.

Inspection of drive components

Check the bearings for proper lubrication, motor mounts for proper fitment and firmness. Keep the take up rails free from any foreign obstacles.

Check Belt tension

In many cases the drives fail prematurely and doesn't give satisfactory life due to improper tensioning. For efficient running of the drive an optimised Belt tension should be maintained as long as the Belt is in use.

Optimum Belt tension can be defined as minimum tensioning force at which the Belt will not slip under full-load condition.

Too low Belt tension will cause the Belts to slip abnormally. On the other hand too high tension will reduce the life of the Belt & bearings. Hence optimum Belt tension should be maintained on the drive.

Noise:

An ideal Belt drive should have the lowest noise levels. However, V-Belt and synchronous Belt drives generate noise while transmitting power. To overcome this problem and to achieve the quietest possible Belt drive, certain maintenance tips should be followed.

The Belt drive-noise can be reduced by following proper installation & maintenance

Tensioning

Proper tensioning of the Belt drive aids in reducing the noise levels. If the tensioning is improper the V-Belt can slip & squeal. In synchronous Belt drives, improper tension can affect the Belt fitment in the sprockets.

Proper tension minimizes tooth to groove interference, and thereby reduces Belt noise.

Preventive maintenance

Alignment

The interference created at the Belt's entry point into the sheaves in a misaligned V-Belt drive is noisier than a properly aligned drive. In synchronous Belt drive the interference between Belt teeth & the sprocket grooves is greater in a misaligned drive, making it much noisier than a properly aligned synchronous drive.

Noise barriers

Sheet metal drive guard can be used as a noise barrier. They obstruct the noise and reflect most of the noise back towards its point of origin.

Noise absorbers

They are acoustic insulators, used to lessen noise reflections and to dissipate noise energy.

The largest reduction in Belt drive-noise can be achieved with a combination of noise barrier (solid Belt guard) & noise absorber, when used in combination

The noise in the synchronous Belt drive is due to several causes:

1. Impact generated by the collision of Belt tooth against the bottom land of the sprocket at the beginning of meshing
2. Impact generated by the collision of sprocket tooth-tip against the bottom land of the synchronous Belt at the beginning of engagement
3. Collision between the flanks of the two teeth at the beginning of meshing
4. Transverse and torsional vibrations of the Belt
5. Vibrations of the pulleys
6. Airflow between the Belt and pulley
7. Friction due to the contact between Belt fabric and pulley material (steel, plastic or aluminum)

Preventive maintenance

Maintenance of V-Belts

General guidelines for the tensioning of V-Belt:

- 1) Ideal tension is the lowest tension at which the Belt will not slip under peak load conditions.
- 2) Check tension frequently during the first two days of operation.
- 3) Over tensioning, shortens the Belt and bearing life.
- 4) Keep Belts free from foreign material, which may cause slip.
- 5) Make V-drive inspection on a periodic basis.
- 6) Adjust tension when slipping of the Belt may occur. Never apply Belt dressing as this will damage the Belt and cause early failure.

Idlers:

An idler used in V-Belt drives is a wheel that is not 'loaded', it may be a grooved/flat pulley used for various reasons such as:

- a) To provide take-up for fixed center drives.
- b) To clear obstruction.
- c) To break-up long spans where, Belt vibrations may be a problem.
- d. To maintain tension to act as a clutching device.

Note:

Diameter of outside idler should be one and half times that of smaller pulley diameter or more and the diameter of inside idler should be approximately same as that of smaller pulley diameter or more.

Installation & take-up allowance:

The limiting values for adjustment of centers for the two transmissions pulley shall be as follows:

Lower limiting value:

Nominal center distance minus 1.5% L_p

Higher limiting value:

Nominal center distance plus 3% ' L_p '. Where ' L_p ' is the Pitch Length of the Belt.

Storage of V-Belts:

Maintaining, proper storage conditions at the users end as well as at the manufacturers place is an important parameter which requires due attention. Under favourable storage conditions, V-Belts retain their initial serviceability and dimensions. Good storage facilities and practices will allow the users to achieve the best value from Belts.

V-Belt should be stored in a cool & dry place with no direct sunlight. When stacked on the shelves, the stacks should be small enough to avoid excess weight on the Belts at the bottom, which may cause distortion. When stored in containers, the container size and the contents should be sufficiently limited to avoid distortion.

Preventive maintenance

Don'ts:

- Do not keep the Belts on the floor, they may get exposed to the moisture.
- Keep the Belts away from the window, any exposure to the direct sunlight or the moisture may have deteriorating effects; avoid keeping the Belts near the radiator or in high temperature areas
- Keep the Belts away from the transformer and electrical motors. These devices may generate ozone.
- Do not store Belts in heavy bent condition.

Methods of storage:

The common method of storing the V-Belts is to hang them on crescent shaped pegs or pin racks. Longer V-Belts should be coiled for easy and distortion free storage.

Variable speed Belts are more sensitive to distortion. It is recommended that they should never be stored on pegs. They should always be stored on shelves

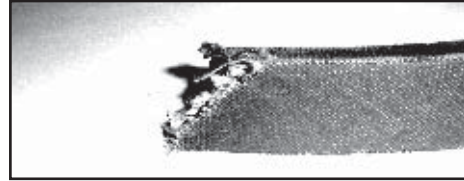
Effects of storage: A shelf life of six years can be obtained, if proper storage conditions are maintained i.e., ambient temperature not more than 30°C and relative humidity not more than 70%. If the storage temperature increases then the service expectancy from the Belts gets reduced. Under rough estimates, it can be said that for an increase of 20°C temperature, above the standard temperature range, the Belt life will be reduced by 50%.

It is always recommended that if a drive is out of use for a prolonged period, then the Belt tension should be relaxed and the necessary tension be provided when the drive is to be restarted.

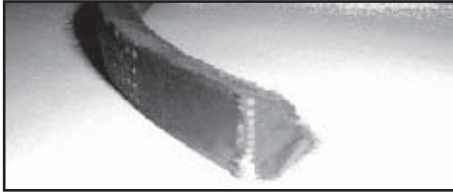
Types of failure



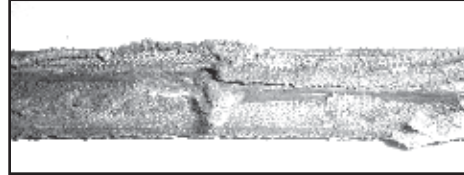
Bottom crack



Belt snapped due to breaking of cord while fitment



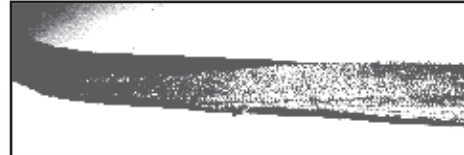
Belt snapped



Envelope-wear (side, bottom & top wear-out)



Shining surface due to high slippage



Belt twisted due to Belt turnover in the pulley



Stuck up and burnt

Trouble shooting (V-Belts)

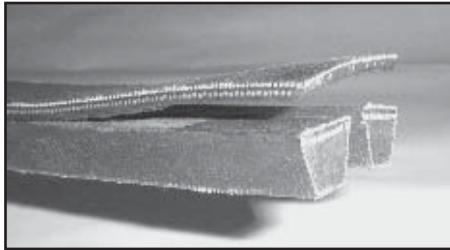
Problem	Causes	Remedy
Belt turnover in pulleys	<ul style="list-style-type: none"> a) Poor drive alignment b) Incorrect pulley groove or excessive wear of pulley groove c) Excessive Belt flap d) Low Belt tension e) Worn out Belts f) Ingress of foreign material 	<ul style="list-style-type: none"> a) Re-align b) Renew/replace pulleys c) Use idler on the slack side d) Re-tension e) Replace with new Belts f) Use more effective drive guard
Excessive wear	<ul style="list-style-type: none"> a) Incorrect pulley section b) Excessive wear of pulley groove c) Poor drive alignment d) Pulleys of improper diameter e) Belt catching on protruding parts 	<ul style="list-style-type: none"> a) Replace pulley b) Re-machine pulleys c) Realign d) Redesign using correct pulley diameter. e) Remove protrusion or move drive away
Excessive noise	<ul style="list-style-type: none"> a) Poor drive alignment b) Incorrect Belt tension c) Overloaded drive d) Unbalanced pulleys 	<ul style="list-style-type: none"> a) Realign b) Re-tension c) Check drive details and redesign d) Redesign the drive & balance the pulleys
Belt swelling or softening	<ul style="list-style-type: none"> a) Contamination by oil or other chemicals 	<ul style="list-style-type: none"> a) Protect the drive from contamination, clean pulley grooves with petrol/alcohol before putting new Belts.
Un-usual Belt stretch	<ul style="list-style-type: none"> a) Worn out badly damaged grooves b) Drive with old and new Belts together c) Belts from various manufacturers 	<ul style="list-style-type: none"> a) Re-machine or renew pulleys b) Replace with new set of V-Belts c) Use Belts from same manufacturer
Belt breaking after fitment	<ul style="list-style-type: none"> a) Forcing Belt over pulley when fitting, damaging cord and cover b) Ingress of foreign material c) Insufficient Belt or wrong section or drive d) Drive stalled 	<ul style="list-style-type: none"> a) Reduce drive center distance to fit Belt b) Use drive guard c) Design the drive & use correct section & number of Belts d) Ascertain cause and rectify
Cannot be re-tensioned	<ul style="list-style-type: none"> a) Insufficient allowance for stretch in drive design b) Excessive stretch caused by insufficient Belts or wrong Belt for the drive c) Incorrect Belt length d) Belt from different manufacturers used on the same drive 	<ul style="list-style-type: none"> a) Give sufficient allowance for take-up b) Recalculate drive design and modify c) Use a shorter Belt d) All the Belts must be from same manufacturer
Excessive slippage	<ul style="list-style-type: none"> a) Too low Belt tension b) Too small area of contact c) Overloaded drive d) Worn Belt pulley 	<ul style="list-style-type: none"> a) Increase Belt tension b) Increase shaft centre distance c) Redesign Belt drive d) Change to new Belt or pulley
Transversal cracking	<ul style="list-style-type: none"> a) Too small pulleys b) Outside idler pulleys 	<ul style="list-style-type: none"> a) Use standard size pulley or use PIX b) Use inside idler pulley on slack side

Trouble shooting (V-Belts)

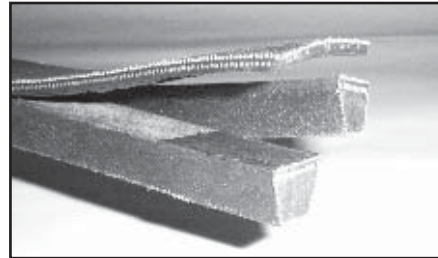
Problem	Causes	Remedy
Transversal cracking	<ul style="list-style-type: none"> c) Ambient temp. too high (above 60°C) d) Ambient temperature too low (below 18°C) e) Abnormal Belt slip 	<ul style="list-style-type: none"> c) Ensure good ventilation & protect from direct heat or use PIX AOH Belts d) Maintain proper temperature e) Check drive tension & check drive design to ensure correct number of Belts
Bottom & side of Belt burnt	<ul style="list-style-type: none"> a) Belt slipping under starting or stalling load b) Worn sheaves 	<ul style="list-style-type: none"> a) Replace Belt & tighten drive until the slipping stops b) Replace sheaves
Belts pulled apart (Snapped)	<ul style="list-style-type: none"> a) Extreme shock-load b) Misaligned drive c) Foreign particle in drive d) Belt turnover in pulley 	<ul style="list-style-type: none"> a) Remove cause of load b) Check drive alignment c) Use drive guard d) Excessive slippage
Severe Belt vibrations	<ul style="list-style-type: none"> a) Drive has sufficient belts b) Centre distance more than recommended c) High shock loading d) Too low belt tension e) Un-banded pulleys 	<ul style="list-style-type: none"> a) Check drive design & modify if necessary b) Shorten centre distance, use an inside idler in the drive slack side c) Use Banded belts or an inside idler pulley in the slack side d) Re-tension the belt e) Balance the pulleys
Cuts & splits in the base	<ul style="list-style-type: none"> a) Outside idler pulley in use b) Pulley diameter too small c) Ambient temperature too high d) Ambient temperature too low e) Abnormal belt slip f) Contamination by oil or chemical 	<ul style="list-style-type: none"> a) Replace with inside idler pulley on the slack side of drive b) Re-design using recommended minimum pulley pitch diameters c) Ensure good ventilation and protect the belts from direct heat. Contact us for better solution. d) Warm surrounding drive area e) Check drive design to ensure correct no. of belts, redesign if necessary, check drive tension f) Protect drive from contamination

Trouble shooting (V-Belts)

PIX-DuraBand® (Banded Belts)



Separation of tie due to improper Belt setting in the pulley groove.



Belts leaving tie due to improper setting and misalignment.

Problems	Causes	Remedy
Tie band separating	<ul style="list-style-type: none"> a) Worn sheaves b) Wrong pitch (e) dimensions of the pulley grooves 	<ul style="list-style-type: none"> a) Check sheave grooves & replace with standard groove sheaves b) Use standard pitch dimension pulley
One strand riding outside the sheave groove	<ul style="list-style-type: none"> a) Possible misalignment, lack of tension or foreign object forcing the Belt off from the sheave groove 	<ul style="list-style-type: none"> a) Properly align the drive, re-tension and remove any interference of foreign object
Outside Belt and adjacent to it have started to separate	<ul style="list-style-type: none"> a) Belt has jumped one groove forcing outside Belt off the sheave b) Improper tension or misalignment or presence of foreign object c) Wrong pitch (e) dim. of pulley grooves 	<ul style="list-style-type: none"> a) Replace the Belt and set it properly in aligned grooves b) Tension properly c) Use standard pitch dimension pulley
All Belts separated from the band	<ul style="list-style-type: none"> a) Riding outside and above sheave grooves b) Too loose contact 	<ul style="list-style-type: none"> a) Ensure proper maintenance of drives & installation of Belts b) Adjust shielding
Top tie band frayed or damaged	<ul style="list-style-type: none"> a) Obstructions interfering with normal operation of the Belt 	<ul style="list-style-type: none"> a) Re-align drive & remove the obstruction
Cracks at the bottom of the Belts	<ul style="list-style-type: none"> a) Belt slipping 	<ul style="list-style-type: none"> a) Check Belt tension

Drive design procedure for Ribbed V-Belts

This design manual should be used for industrial drive calculation with two standard pulleys only. Please contact us to know more about complex drive designs.

Step:1

Application Data

1. Type of machine to be driven
2. Nominal power (kW), P
3. Type & nominal speed of motor
4. Driven shaft speed
5. Duty cycle category
6. Approximate centre distance

Step:2

Determine the service factor & the design power

1. To determine the service factor (K) refer table 30 on page no.152
2. Design power: $P_d = P \times K$

Step:3

Select the Ribbed Belt Section

Refer to the cross section selection chart IV on page 152

Step:4

Select the effective diameter of the small pulley (de)

Refer table 31 on page 154

Step:5

Determine the speed ratio

$$S_R = R / r$$

R = speed of faster shaft

r = speed of slower shaft

Step:6

Calculate the Large pulley effective diameter (De)

$d_p = d_e + (2 \times h)$, for 'h' refer page 154

$$D_p = d_p \times S_R$$

$$D_e = D_p - (2 \times h)$$

Select the nearest pulley diameter from table 32 on page 155

D_p = Pitch Diameter of large pulley in mm

Step:7

Calculate the Belt linear speed

where,

d_p : Pitch Diameter of smaller pulley in mm

n: Speed of faster shaft (rpm)

$$v = \frac{\pi \times d_p \times n}{60000} \text{ m/s}$$

Step:8

Calculate the effective Belt length

$$L_e = 2C + \left[\frac{\pi}{2} \times (D_e + d_e) \right] + \frac{(D_e - d_e)^2}{4C}$$

Step:9

Calculate the centre distance corresponding to the standard effective length

$$C = \frac{X}{4} + \left[\frac{1}{2} \times \sqrt{\frac{X^2}{4} - \frac{(D_e - d_e)^2}{2}} \right]$$

where

$$X = L_e - \left[\frac{\pi}{2} \times (D_e + d_e) \right]$$

Step:10

Calculate the number of Belt ribs

1. Determine the length correction factor, C_l
2. Determine the arc of contact on the small pulley

$$a = 180 - \left[\frac{60 \times (D_e - d_e)}{C} \right]$$

3. Determine the arc of contact correction factor, C_a
4. Determine the speed ratio correction factor, C_r
5. Determine the basic power rating per rib (BPR) (Please refer appropriate tables for BPR)

6. Calculate the corrected power rating per rib
 $CPR = (BPR + Cr) \times C_l \times C_a$

7. Calculate the number of Belt ribs

(If the number of Ribs comes in fraction, use next whole number)

$$\text{Number} = \frac{\text{Design power}}{CPR}$$

Drive design example for Ribbed V-Belts

This Design Manual should be used for industrial drive calculation with two standard pulleys only. Please contact us to know more about complex drive designs.

Step:1

Application Data

1. Type of driven machine: Roto packer impeller drive
2. Nominal power P: 5.5 kW
3. Type & nominal speed of motor: DC Motor, 1440 rpm
4. Driven shaft speed: 648 rpm
5. Duty cycle category: Continuous, 24 hrs / day
6. Approximate centre distance: 535 mm

Step:2

Determine the service factor & the design power

1. To determine the service factor (K) refer table 30 on page no. 152 $K=1.3$
2. Design power: $P_d = P \times K$
 $P_d = 5.5 \times 1.3$
 $P_d = 7.15 \text{ kW}$

Step:3

Select Ribbed Belt Section

Section selected from the chart IV on page 152 is PL ($P_d=7.15 \text{ kW}$, $n=1440$)

Step:4

Select the effective diameter of the small pulley (de)

Refer to table 31 on page 154 $de = 85 \text{ mm}$

Step:5

Determine the speed ratio

$S_R = n/N$ $S_R = 1440 / 648$
 $n = \text{speed of faster shaft}$ $S_R = 2.22$
 $N = \text{speed of slower shaft}$

Step:6

Calculate the large pulley effective diameter (De)

$dp = de + (2 \times h)$
 for h refer Page no. 154
 $dp = 85 + (2 \times 2.3)$
 $dp = 89.6 \text{ mm}$

$D_p = dp \times S_R$ $D_p = 89.6 \times 2.22$
 $D_p = 198.91 \text{ mm}$

$De = D_p - (2 \times h)$ $De = 198.91 - (2 \times 2.3)$
 $De = 194.31 \text{ mm}$

Select the nearest pulley diameter from table 32 on page no. 155

Recommended standard pulley diameter $De = 200 \text{ mm}$

Step:7

Calculate the Belt linear speed

$$V = \frac{\pi \times dp \times n}{60000} \text{ m/s}$$

$$V = 3.14 \times 94.6 \times 1440 / 60000, V = 7.13 \text{ m/s}$$

Step:8

Calculate the effective Belt length

$$Le = 2C + \frac{\pi}{2} \times (De+de) + \frac{(De-de)^2}{4C}$$

$$Le = 2 \times 535 + \left[1.57 (200+85) \right] + \frac{(200-85)^2}{4 \times 535}$$

$$Le = 1523.63 \text{ mm}$$

Standard effective length, $Le = 1525 \text{ mm}$

Step:9

Calculate the centre distance corresponding to the standard effective length

$$C = \frac{X}{4} + \left[\frac{1}{2} \times \sqrt{\frac{X^2}{4} - \frac{(De-de)^2}{2}} \right]$$

$$\text{where } X = Le - \left[\frac{\pi}{2} \times (De+de) \right]$$

$$X = 1525 - [1.57 \times (200 + 85)], X = 1077.32$$

$$C = \frac{1077.32}{4} + \left[0.5 \times \sqrt{\frac{(1077.32)^2}{4} - \frac{(200-85)^2}{2}} \right]$$

$$C = 535.57 \text{ mm}$$

Step:10

Calculate the number of ribs

1. Determine the length correction factor from table 43, page no. 161, $Cl = 0.95$

2. Determine the arc of contact on the small pulley

$$a = 180 - \left[\frac{60 \times (De - de)}{C} \right]$$

$$a = 180 - \left[\frac{60 (200 - 85)}{500} \right] a = 167.10^\circ$$

3. Determine the arc of contact correction factor from table 44, page no. 161 $Ca=0.97$

4. Determine the speed ratio correction factor from table 42, page no. 161 $Cr=0.140$

5. Determine the basic power rating per rib (BPR) from table 41, page no. 160 = 1.112 kw

6. Calculate the corrected power rating per rib (CPR)

$$CPR = (BPR+Cr) \times Cl \times Ca = (1.112+0.14) \times 0.95 \times 0.97$$

$$CPR = 1.15 \text{ kw / rib}$$

7. Calculate the number of Belt ribs

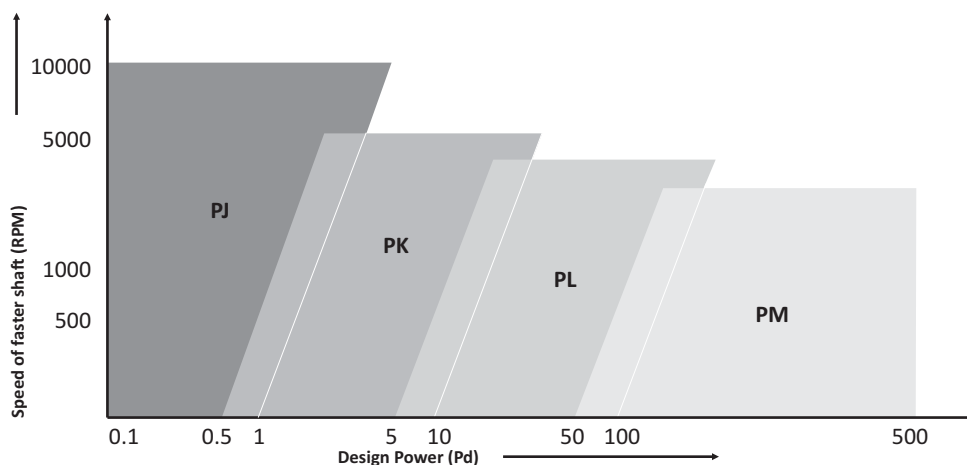
$$\text{Number} = \text{Design power} / \text{Corrected Power Rating}$$

$$= 7.15 / 1.15 = 6.21, \text{ Standard no. of ribs} = 6$$

Table 30:
Service factor selection

Driven Machine / Motor Class	Class A			Class B		
	D.C. Motors Shunt wound A.C. Motors Normal Torque Synchronous or Asynchronous DC Brushless Motors IC Engines Speed > 700 rpm Turbines			DC Motors Compound & Series wound AC Motors High Torque Vector Control Reluctance motors IC engines single cylinder Speed < 700 rpm Line shafts, clutches		
DUTY CYCLE CLASS	< 10H	10 - 16H	> 16 H	< 10 H	10 - 16 H	> 16 H
CLASS 1: Low even torque Vacuum cleaners, liquid agitators, Belt-conveyors, blowers, centrifugal fans, light conveyors	1.0	1.1	1.2	1.1	1.2	1.3
CLASS 2: Medium even torque Food agitators, mixers, laundry machines, generators, machine tools, blenders	1.1	1.2	1.3	1.2	1.3	1.4
CLASS 3: Torque Bakery & woodwork m/c, brick m/c, rotary-compressors, pumps, heavy duty conveyors, exciters, printing m/c, spraying m/c, axial fan	1.2	1.3	1.4	1.3	1.4	1.5
CLASS 4: Very uneven torque Hammer mills, cement works, piston compressors, bucket elevators, hoists, flour mills, piston pumps, winches, paper mills	1.4	1.5	1.6	1.5	1.6	1.8
CLASS 5: Very uneven torque with overloads Crushers, grinder m/c, ball grinders, dredging m/c, agricultural m/c, industrial rubber machinery (Calenders, extruders, mixers)	1.6	1.7	1.8	1.7	1.8	2.0

Chart IV - Cross section selection



Pulley groove dimensions (mm)

Cross section	Minimum recommended outer diameter	Groove angle(θ) ± 0.25 degrees	Pitch (p)	r_t +0.15 -0.00	2a	r_b	h_g Minimum	d_B ± 0.001	S_e
H / PH	13	40	1.60 ± 0.03	0.15	0.58	0.30 +0.00 -0.15	1.04	1.00	2.0 +0.5 -0.3
J / PJ	20	40	2.34 ± 0.03	0.20	0.76	0.40 +0.00 -0.15	1.77	1.50	3.0 +0.8 -0.4
K / PK	40	40	3.56 ± 0.05	0.25	0.96	0.50 +0.00 -0.15	3.16	3.00	3.0 +1.5 -0.0
L / PL	75	40	4.70 ± 0.05	0.40	1.54	0.40 +0.00 -0.15	4.63	4.00	10.0 +2.0 -1.0
M / PM	180	40	9.40 ± 0.08	0.75	2.88	0.75 +0.00 -0.25	9.74	7.00	13.0 +3.0 -1.0

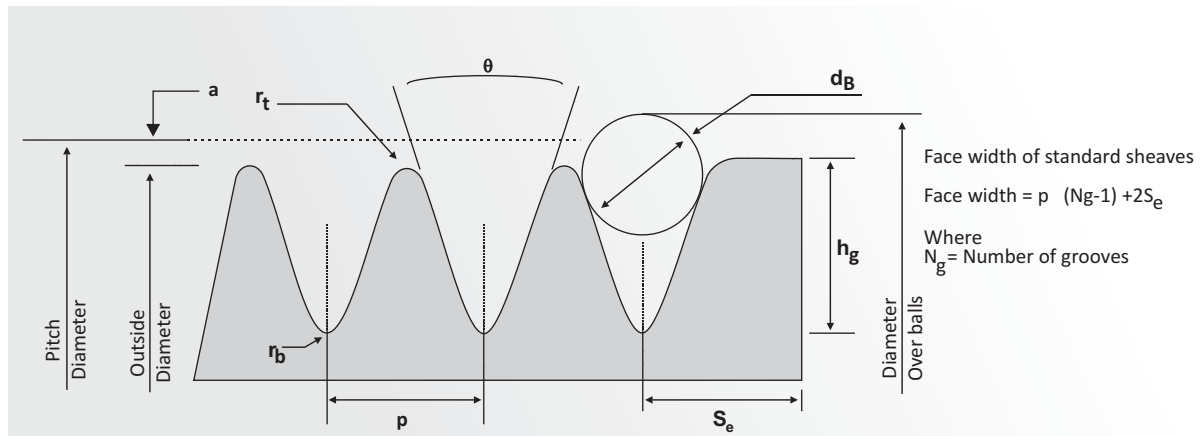


Figure: Standard groove dimensions

Definition of small pulley effective diameter (mm)

$$\text{Pitch Diameter (mm)} = \text{Effective Diameter (mm)} + (2 \times h)$$

Belt Section	PJ	PK	PL	PM
h (mm)	1.05	1.6	2.3	2.6

Table 31:
Determination of small pulley effective diameter (de)

n(rpm)	Design Power (kW)															
	0.25	0.5	1	2	4	7	10	20	30	50	75	100	125	150	175	200
100	45	60	75	95	125	160	180	224	250	315	355	400	450	500	500	500
300	40	50	63	80	106	125	140	180	212	250	280	315	355	355	400	400
500	35	45	60	75	95	112	125	160	180	224	250	280	315	315	355	355
750	35	45	56	67	85	106	118	150	170	200	224	250	280	280	315	315
1000	30	40	50	63	80	95	106	132	150	190	200	224	250	250	280	280
1500	30	35	45	60	71	85	95	125	140	170	180	200	212	224	236	250
2000	30	35	45	56	67	80	90	112	125	150	170	180	200	212	224	224
3000	25	30	40	50	60	71	80	100	112	132	150	160	170	180	190	200
4000	25	30	35	45	56	67	71	90	100	118	132	140	150	160	170	180
5000	20	30	35	40	50	60	67	80	95	106	125	132	140	150		
6000	20	25	30	40	50	56	63	75	85	100	112	125				
7000	20	25	30	40	45	56	60	75	85	95	106	118				
8000	20	25	30	35	45	50	56	71	80	90	100	112				
9000	20	20	30	35	40	50	56	67	75	85	95					
10000	20	20	30	35	40	45	50	63	75	80	90					

Table 32:
Standard pulleys

Effective Diameter (mm)	Section PJ no. of ribs 4,8,12,16,20	Section PK no. of ribs 6,8,10,12,16,20	Section PL no. of ribs 6,8,10,12,16,20	Section PM no. of ribs 6,10,16,20
20	•			
25	•			
30	•			
35	•			
40	•			
45	•			
50	•			
56	•	•		
60	•	•		
63	•	•		
67	•	•		
71	•	•		
75	•	•	•	
80	•	•	•	
85	•	•	•	
90	•	•	•	
95	•	•	•	
100	•	•	•	
106	•	•	•	
112	•	•	•	
118	•	•	•	
125	•	•	•	
132	•	•	•	
140	•	•	•	
150		•	•	
160	•	•	•	
170		•	•	
180	•	•	•	•
190		•	•	•
200	•	•	•	•
212		•	•	•
224	•	•	•	•
236		•	•	
250	•	•	•	•
280	•	•	•	•
315	•	•	•	•
355	•	•	•	•
400	•	•	•	•
450		•	•	•
500		•	•	•
560				•
630			•	•
710				•
800			•	



Ribbed V-Belts

Table 33: Section PJ: Basic power rating per rib (kW) for small pulley effective diameter (mm)

Table with columns for pulley diameter (de) and rows for belt sizes (100 to 10000). Each cell contains the basic power rating per rib in kW for a specific diameter and belt size combination.

Table 34:
Section PJ: Speed ratio correction factor (Cr)

Speed Ratio	1.00 to 1.01	1.02 to 1.04	1.05 to 1.09	1.10 to 1.16	1.17 to 1.26	1.27 to 1.40	1.41 to 1.65	above 1.66
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
560	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
700	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
720	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
800	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
900	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
960	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
1000	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
1200	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
1400	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
1440	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
1600	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
1800	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
2000	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
2200	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
2400	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02
2600	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02
2800	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.03
2880	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.03
3000	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.03
3200	0.00	0.00	0.01	0.01	0.02	0.02	0.03	0.03
3400	0.00	0.00	0.01	0.01	0.02	0.02	0.03	0.03
3600	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
3800	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.04
4000	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.04
4200	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.04
4400	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04
4500	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04
4600	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04
4800	0.00	0.01	0.01	0.02	0.03	0.03	0.04	0.05
5000	0.00	0.01	0.01	0.02	0.03	0.03	0.04	0.05
5200	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.05
5400	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.05
5500	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.05
5600	0.00	0.01	0.02	0.02	0.03	0.04	0.05	0.05
5800	0.00	0.01	0.02	0.02	0.03	0.04	0.05	0.06
6000	0.00	0.01	0.02	0.02	0.03	0.04	0.05	0.06
6200	0.00	0.01	0.02	0.03	0.03	0.04	0.05	0.06
6400	0.00	0.01	0.02	0.03	0.03	0.04	0.05	0.06
6600	0.00	0.01	0.02	0.03	0.04	0.04	0.05	0.06
6800	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06
7000	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07
7200	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07
7400	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07
7400	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07
7600	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07
7800	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07
8000	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.08
8200	0.00	0.01	0.02	0.03	0.04	0.06	0.06	0.08
8400	0.00	0.01	0.02	0.03	0.05	0.06	0.07	0.08
8600	0.00	0.01	0.02	0.04	0.05	0.06	0.07	0.08
8800	0.00	0.01	0.02	0.04	0.05	0.06	0.07	0.08
9000	0.00	0.01	0.02	0.04	0.05	0.06	0.07	0.09
9200	0.00	0.01	0.02	0.04	0.05	0.06	0.07	0.09
9400	0.00	0.01	0.03	0.04	0.05	0.06	0.08	0.09
9600	0.00	0.01	0.03	0.04	0.05	0.07	0.08	0.09
9800	0.00	0.01	0.03	0.04	0.05	0.07	0.08	0.09
10000	0.00	0.01	0.03	0.04	0.05	0.07	0.08	0.10

Table 35:
Length correction factor (Cl)

Effective Length	Correction Factor
Up to 200	0.60
200 - 350	0.80
350 - 500	0.85
500 - 700	0.90
700 - 900	0.95
900 - 1200	1.00
1200 - 1500	1.05
1500 - 2000	1.10
2000 - 2500	1.15
above 2500	1.20

Table 36: Arc of contact correction factor (Ca)

Arc of contact on small pulley	Correction Factor
100	0.72
110	0.76
120	0.80
130	0.84
140	0.88
150	0.91
160	0.94
170	0.97
180	1.00
190	1.02
200	1.05
210	1.07
220	1.09
230	1.11

Table 38:
Section PK: Speed ratio correction factor (Cr)

Speed Ratio	1.00 to 1.03	1.04 to 1.08	1.09 to 1.15	1.16 to 1.24	1.25 to 1.48	1.49 to 2.00	2.01 to 2.75	above 2.76
100	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
200	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02
300	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.02
400	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.03
500	0.00	0.01	0.01	0.02	0.03	0.03	0.04	0.04
560	0.00	0.01	0.02	0.02	0.03	0.04	0.04	0.05
600	0.00	0.01	0.02	0.02	0.03	0.04	0.04	0.05
700	0.00	0.01	0.02	0.03	0.04	0.04	0.05	0.06
720	0.00	0.01	0.02	0.03	0.04	0.05	0.05	0.06
800	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06
900	0.00	0.01	0.02	0.04	0.05	0.06	0.06	0.07
960	0.00	0.01	0.03	0.04	0.05	0.06	0.07	0.08
1000	0.00	0.01	0.03	0.04	0.05	0.06	0.07	0.08
1200	0.00	0.02	0.03	0.05	0.06	0.08	0.09	0.10
1400	0.00	0.02	0.04	0.06	0.08	0.09	0.10	0.11
1440	0.00	0.02	0.04	0.06	0.08	0.09	0.10	0.12
1600	0.00	0.02	0.04	0.06	0.09	0.10	0.11	0.13
1800	0.00	0.02	0.05	0.07	0.10	0.12	0.13	0.15
2000	0.00	0.03	0.05	0.08	0.11	0.13	0.14	0.16
2200	0.00	0.03	0.06	0.09	0.12	0.14	0.16	0.18
2400	0.00	0.03	0.06	0.10	0.13	0.15	0.17	0.19
2600	0.00	0.04	0.07	0.11	0.14	0.17	0.18	0.21
2800	0.00	0.04	0.08	0.11	0.15	0.18	0.20	0.23
2880	0.00	0.04	0.08	0.12	0.16	0.18	0.20	0.23
3000	0.00	0.04	0.08	0.12	0.16	0.19	0.21	0.24
3200	0.00	0.04	0.09	0.13	0.17	0.21	0.23	0.26
3400	0.00	0.05	0.09	0.14	0.18	0.22	0.24	0.28
3600	0.00	0.05	0.10	0.15	0.19	0.23	0.26	0.29
3800	0.00	0.05	0.10	0.15	0.21	0.24	0.27	0.31
4000	0.00	0.05	0.11	0.16	0.22	0.26	0.28	0.32
4200	0.00	0.06	0.11	0.17	0.23	0.27	0.30	0.34
4400	0.00	0.06	0.12	0.18	0.24	0.28	0.31	0.36
4500	0.00	0.06	0.12	0.18	0.24	0.29	0.32	0.36
4600	0.00	0.06	0.12	0.19	0.25	0.29	0.33	0.37
4800	0.00	0.06	0.13	0.19	0.26	0.31	0.34	0.39
5000	0.00	0.07	0.14	0.20	0.27	0.32	0.35	0.41
5200	0.00	0.07	0.14	0.21	0.28	0.33	0.37	0.42
5400	0.00	0.07	0.15	0.22	0.29	0.35	0.38	0.44
5500	0.00	0.07	0.15	0.22	0.30	0.35	0.39	0.45
5600	0.00	0.08	0.15	0.23	0.30	0.36	0.40	0.45
5800	0.00	0.08	0.16	0.23	0.31	0.37	0.41	0.47
6000	0.00	0.08	0.16	0.24	0.32	0.38	0.43	0.49
6200	0.00	0.08	0.17	0.25	0.33	0.40	0.44	0.50
6400	0.00	0.09	0.17	0.26	0.35	0.41	0.45	0.52
6600	0.00	0.09	0.18	0.27	0.36	0.42	0.47	0.53
6800	0.00	0.09	0.18	0.28	0.37	0.44	0.48	0.55
7000	0.00	0.09	0.19	0.28	0.38	0.45	0.50	0.57
7200	0.00	0.10	0.19	0.29	0.39	0.46	0.51	0.58
7400	0.00	0.10	0.20	0.30	0.40	0.47	0.52	0.60
7600	0.00	0.10	0.21	0.31	0.41	0.49	0.54	0.62
7800	0.00	0.11	0.21	0.32	0.42	0.50	0.55	0.63
8000	0.00	0.11	0.22	0.32	0.43	0.51	0.57	0.65
8200	0.00	0.11	0.22	0.33	0.44	0.53	0.58	0.66
8400	0.00	0.11	0.23	0.34	0.45	0.54	0.60	0.68
8600	0.00	0.12	0.23	0.35	0.46	0.55	0.61	0.70
8800	0.00	0.12	0.24	0.36	0.48	0.56	0.62	0.71
9000	0.00	0.12	0.24	0.36	0.49	0.58	0.64	0.73
9200	0.00	0.12	0.25	0.37	0.50	0.59	0.65	0.75
9400	0.00	0.13	0.25	0.38	0.51	0.60	0.67	0.76
9600	0.00	0.13	0.26	0.39	0.52	0.62	0.68	0.78
9800	0.00	0.13	0.26	0.40	0.53	0.63	0.69	0.79
10000	0.00	0.14	0.27	0.41	0.54	0.64	0.71	0.81

Table 39:
Length correction factor (Cl)

Effective Length	Correction Factor
Up to 1000	0.90
1000 - 1400	0.95
1400 - 2000	1.00
2000 - 2300	1.05
2300 - 2500	1.10
above 2500	1.15

Table 40:
Arc of contact correction factor (Ca)

Arc of Contact on Small Pulley	Correction Factor
100	0.72
110	0.76
120	0.80
130	0.84
140	0.88
150	0.91
160	0.94
170	0.97
180	1.00
190	1.02
200	1.05
210	1.07
220	1.09
230	1.11

Table 42:
Section PL: Speed ratio correction factor (Cr)

Speed Ratio	1.00 to 1.02	1.03 to 1.06	1.07 to 1.08	1.09 to 1.16	1.17 to 1.26	1.27 to 1.40	1.41 to 1.74	above 1.75
100	0.000	0.000	0.000	0.000	0.010	0.010	0.010	0.010
200	0.000	0.000	0.010	0.010	0.010	0.010	0.020	0.020
300	0.000	0.000	0.010	0.010	0.020	0.020	0.020	0.030
400	0.000	0.010	0.010	0.020	0.020	0.030	0.030	0.040
500	0.000	0.010	0.010	0.020	0.030	0.030	0.040	0.050
560	0.000	0.010	0.020	0.020	0.030	0.040	0.050	0.050
600	0.000	0.010	0.020	0.020	0.030	0.040	0.050	0.060
700	0.000	0.010	0.020	0.030	0.040	0.050	0.060	0.070
720	0.000	0.010	0.020	0.030	0.040	0.050	0.060	0.070
800	0.000	0.010	0.020	0.030	0.040	0.050	0.060	0.080
900	0.000	0.010	0.020	0.040	0.050	0.060	0.070	0.090
960	0.000	0.010	0.030	0.040	0.050	0.060	0.080	0.090
1000	0.000	0.010	0.030	0.040	0.050	0.070	0.080	0.090
1200	0.000	0.020	0.030	0.050	0.060	0.080	0.100	0.110
1400	0.000	0.020	0.040	0.060	0.080	0.090	0.110	0.130
1440	0.000	0.020	0.040	0.060	0.080	0.100	0.120	0.140
1600	0.000	0.020	0.040	0.060	0.090	0.110	0.130	0.150
1800	0.000	0.020	0.050	0.070	0.100	0.120	0.150	0.170
2000	0.000	0.030	0.050	0.080	0.110	0.140	0.160	0.190
2200	0.000	0.030	0.060	0.090	0.120	0.150	0.180	0.210
2400	0.000	0.030	0.060	0.100	0.130	0.160	0.190	0.230
2600	0.000	0.040	0.070	0.110	0.140	0.180	0.210	0.250
2800	0.000	0.040	0.080	0.110	0.150	0.190	0.230	0.260
2880	0.000	0.040	0.080	0.120	0.160	0.190	0.230	0.270
3000	0.000	0.040	0.080	0.120	0.160	0.200	0.240	0.280
3200	0.000	0.040	0.090	0.130	0.170	0.220	0.260	0.300
3400	0.000	0.050	0.090	0.140	0.180	0.230	0.280	0.320
3600	0.000	0.050	0.100	0.150	0.190	0.240	0.290	0.340
3800	0.000	0.050	0.100	0.150	0.210	0.260	0.310	0.360
4000	0.000	0.050	0.110	0.160	0.220	0.270	0.320	0.380
4200	0.000	0.060	0.110	0.170	0.230	0.280	0.340	0.400
4400	0.000	0.060	0.120	0.180	0.240	0.300	0.360	0.420
4500	0.000	0.060	0.120	0.180	0.240	0.300	0.360	0.430
4600	0.000	0.060	0.120	0.190	0.250	0.310	0.370	0.430
4800	0.000	0.060	0.130	0.190	0.260	0.320	0.390	0.450
5000	0.000	0.070	0.140	0.200	0.270	0.340	0.410	0.470
5200	0.000	0.070	0.140	0.210	0.280	0.350	0.420	0.490
5400	0.000	0.070	0.150	0.220	0.290	0.360	0.440	0.510
5500	0.000	0.070	0.150	0.220	0.300	0.370	0.450	0.520
5600	0.000	0.080	0.150	0.230	0.300	0.380	0.450	0.530
5800	0.000	0.080	0.160	0.230	0.310	0.390	0.470	0.550
6000	0.000	0.080	0.160	0.240	0.320	0.410	0.490	0.570
6200	0.000	0.080	0.170	0.250	0.330	0.420	0.500	0.590
6400	0.000	0.090	0.170	0.260	0.350	0.430	0.520	0.600
6600	0.000	0.090	0.180	0.270	0.360	0.450	0.530	0.620
6800	0.000	0.090	0.180	0.280	0.370	0.460	0.550	0.640
7000	0.000	0.090	0.190	0.280	0.380	0.470	0.570	0.660
7200	0.000	0.100	0.190	0.290	0.390	0.490	0.580	0.680
7400	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700
7600	0.000	0.100	0.210	0.310	0.410	0.510	0.620	0.720
7800	0.000	0.110	0.210	0.320	0.420	0.530	0.630	0.740
8000	0.000	0.110	0.220	0.320	0.430	0.540	0.650	0.760
8200	0.000	0.110	0.220	0.330	0.440	0.550	0.660	0.770
8400	0.000	0.110	0.230	0.340	0.450	0.570	0.680	0.790
8600	0.000	0.120	0.230	0.350	0.460	0.580	0.700	0.810
8800	0.000	0.120	0.240	0.360	0.480	0.590	0.710	0.830
9000	0.000	0.120	0.240	0.360	0.490	0.610	0.730	0.850
9200	0.000	0.120	0.250	0.370	0.500	0.620	0.750	0.870
9400	0.000	0.130	0.250	0.380	0.510	0.630	0.760	0.890
9600	0.000	0.130	0.260	0.390	0.520	0.650	0.780	0.910
9800	0.000	0.130	0.260	0.400	0.530	0.660	0.790	0.930
10000	0.000	0.140	0.270	0.410	0.540	0.680	0.810	0.950

Table 43:
Length correction factor (Cl)

Effective Length	Correction Factor
Up to 1300	0.90
1300 - 1750	0.95
1750 - 2500	1.00
2500 - 3750	1.05
3750 - 4500	1.10
4500 - 5250	1.15
above 5250	1.20

Table 44: Arc of contact correction factor (Ca)

Arc of Contact on Small Pulley	Correction Factor
100	0.72
110	0.76
120	0.80
130	0.84
140	0.88
150	0.91
160	0.94
170	0.97
180	1.00
190	1.02
200	1.05
210	1.07
220	1.09
230	1.11

Table 45:
Section PM: Basic power rating per rib (kW) for small pulley effective diameter (mm)

de	180	190	200	212	224	250	280	315	355	400	450	500	560	630	700
100	0.631	0.687	0.741	0.807	0.871	1.012	1.174	1.354	1.568	1.810	2.071	2.330	2.641	3.000	3.353
200	1.187	1.293	1.397	1.524	1.648	1.920	2.228	2.574	2.981	3.445	3.945	4.441	5.032	5.711	6.381
300	1.712	1.867	2.021	2.204	2.384	2.781	3.232	3.740	4.332	5.004	5.730	6.443	7.291	8.267	9.225
400	2.217	2.417	2.620	2.860	3.099	3.614	4.200	4.861	5.631	6.500	7.435	8.352	9.440	10.677	11.878
500	2.705	2.953	3.198	3.495	3.784	4.418	5.136	5.944	6.880	7.940	9.064	10.172	11.466	12.930	14.340
560	2.990	3.265	3.536	3.865	4.190	4.890	5.685	6.574	7.610	8.774	10.010	11.212	12.621	14.195	15.702
600	3.177	3.471	3.760	4.110	4.455	5.200	6.044	6.991	8.086	9.312	10.620	11.890	13.363	15.006	16.565
700	3.637	3.973	4.308	4.708	5.104	5.955	6.924	8.001	9.242	10.630	12.091	13.501	15.114	16.885	18.530
720	3.727	4.072	4.414	4.826	5.231	6.104	7.096	8.200	9.466	10.885	12.375	13.808	15.444	17.236	18.884
800	4.084	4.464	4.840	5.290	5.735	6.690	7.772	8.971	10.349	11.878	13.472	14.992	16.705	18.549	20.202
900	4.519	4.937	5.354	5.855	6.344	7.400	8.590	9.905	11.400	13.052	14.753	16.352	18.126	19.969	21.547
960	4.774	5.216	5.660	6.185	6.705	7.815	9.068	10.441	12.005	13.720	15.473	17.105	18.882	20.693	22.182
1000	4.940	5.400	5.857	6.402	6.941	8.084	9.377	10.795	12.396	14.150	15.932	17.572	19.350	21.120	22.531
1200	5.748	6.284	6.811	7.443	8.061	9.381	10.847	12.440	14.208	16.090	17.933	19.548	21.154	22.519	
1400	6.504	7.108	7.704	8.411	9.101	10.561	12.171	13.885	15.744	17.645	19.405	20.810			
1440	6.648	7.264	7.874	8.595	9.302	10.782	12.414	14.148	16.015	17.905	19.632	20.966			
1600	7.207	7.871	8.527	9.299	10.052	11.625	13.330	15.109	16.971	18.771	20.276				
1800	7.850	8.571	9.274	10.100	10.900	12.554	14.310	16.087	17.855	19.411					
2000	8.435	9.198	9.940	10.808	11.641	13.338	15.094	16.792	18.356						
2200	8.954	9.750	10.521	11.415	12.264	13.966	15.660	17.201							
2400	9.401	10.221	11.011	11.912	12.762	14.421	15.995	17.283							
2600	9.776	10.609	11.401	12.292	13.128	14.696	16.075								
2800	10.071	10.903	11.687	12.555	13.345	14.772									
2880	10.165	10.990	11.769	12.622	13.391	14.742									
3000	10.281	11.101	11.855	12.682	13.412	14.641									
3200	10.402	11.194	11.911	12.671	13.314										
3400	10.433	11.180	11.840	12.511	13.044										
3600	10.363	11.050	11.635	12.192											
3800	10.188	10.798	11.290												
4000	9.905	10.422													

s p e e d o f t h e s m a l l i p u l l e y r p m

Table 46:
Section PM: Speed ratio correction factor (Cr)

Speed of small pulley in rpm	Speed Ratio	1.00 to 1.01	1.02 to 1.04	1.05 to 1.06	1.07 to 1.14	1.15 to 1.24	1.25 to 1.48	1.49 to 2.00	above 2.01
	100	0.00	0.01	0.01	0.02	0.03	0.05	0.06	0.07
200	0.00	0.01	0.02	0.04	0.07	0.09	0.11	0.14	
300	0.01	0.02	0.03	0.06	0.10	0.14	0.17	0.20	
400	0.01	0.02	0.04	0.08	0.14	0.19	0.23	0.27	
500	0.01	0.03	0.05	0.10	0.17	0.24	0.29	0.34	
560	0.01	0.03	0.06	0.11	0.19	0.26	0.32	0.38	
600	0.01	0.03	0.06	0.12	0.20	0.28	0.34	0.41	
700	0.01	0.04	0.08	0.14	0.24	0.33	0.40	0.47	
720	0.01	0.04	0.08	0.15	0.24	0.34	0.41	0.49	
800	0.02	0.04	0.09	0.16	0.27	0.38	0.46	0.54	
900	0.02	0.05	0.10	0.18	0.30	0.43	0.52	0.61	
960	0.02	0.05	0.10	0.19	0.32	0.45	0.55	0.65	
1000	0.02	0.05	0.11	0.20	0.34	0.47	0.57	0.68	
1200	0.02	0.06	0.13	0.24	0.41	0.57	0.69	0.81	
1400	0.03	0.08	0.15	0.28	0.47	0.66	0.80	0.95	
1440	0.03	0.08	0.16	0.29	0.49	0.68	0.83	0.97	
1600	0.03	0.09	0.17	0.32	0.54	0.76	0.92	1.08	
1800	0.04	0.10	0.19	0.36	0.61	0.85	1.03	1.22	
2000	0.04	0.11	0.22	0.41	0.68	0.95	1.15	1.35	
2200	0.04	0.12	0.24	0.45	0.74	1.04	1.26	1.49	
2400	0.05	0.13	0.26	0.49	0.81	1.13	1.38	1.62	
2600	0.05	0.14	0.28	0.53	0.88	1.23	1.49	1.76	
2800	0.06	0.15	0.30	0.57	0.95	1.32	1.61	1.89	
2880	0.06	0.16	0.31	0.58	0.97	1.36	1.65	1.94	
3000	0.06	0.16	0.32	0.61	1.01	1.42	1.72	2.03	
3200	0.06	0.17	0.35	0.65	1.08	1.51	1.84	2.16	
3400	0.07	0.18	0.37	0.69	1.15	1.61	1.95	2.30	
3600	0.07	0.19	0.39	0.73	1.22	1.70	2.07	2.43	
3800	0.08	0.21	0.41	0.77	1.28	1.80	2.18	2.57	
4000	0.08	0.22	0.43	0.81	1.35	1.89	2.30	2.70	

Table 47: Length correction factor (Cl)

Effective Length	Correction Factor
Up to 2750	0.95
2750 - 3750	1.00
3750 - 5000	1.05
5000 - 7000	1.10
7000 - 9000	1.15
above 9000	1.20

Table 48: Arc of contact correction factor (Ca)

Arc of Contact on Small Pulley	Correction Factor
100	0.72
110	0.76
120	0.80
130	0.84
140	0.88
150	0.91
160	0.94
170	0.97
180	1.00
190	1.02
200	1.05
210	1.07
220	1.09
230	1.11

Installation & maintenance (Ribbed V-Belts)

- 1) Make sure that the power is turned-off and machine stops completely before setting the Belt or initiating the maintenance.
- 2) Do not use excessive force to set the Belt. Reduce center distance by using the motor slide for smooth setting, when using the tension pulley the Belt should be loosened beforehand.
- 3) Ensure that oil does not stick to the Belt while setting.
- 4) When the center distance is more, or while using PJ or PK section Belts with small pitch make sure that you do not mis-set the Belt by a ridge.
- 5) Tension the drive properly.
- 6) With multi Belt system make sure that the pulley groove dimensions are perfect.
- 7) Check if the pulley groove is worn or damaged in operation. If the pulley tip gets smaller (sharpened) replace the pulley, since it can cause shortened Belt life.

Installation procedure

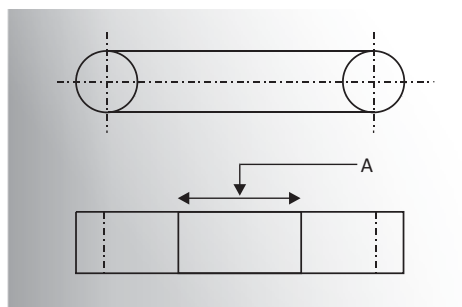
Following installation procedure should be strictly adhered, to achieve a satisfactory performance from the ribbed Belt drive.

- 1) Switch-off the main supply before commencing the installation.
- 2) Bring the pulleys closer to each other so that the Belt can be removed easily.
- 3) Inspect the pulley grooves for any scores, sharp edges, dirt or rust. Clean them if required.
- 4) Ensure the alignment of pulleys. Make sure that the shafts are also properly aligned.
- 5) Mount the ribbed Belt with no tension. Make sure that the ribs have been properly seated in the grooves.
- 6) Tension the Belts as per the procedure given below.
- 7) Give some running time to the drive so that the Belt is properly seated in the grooves.
- 8) Guard the drive properly.

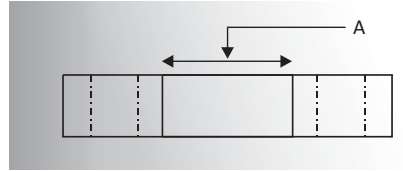
Tensioning procedure

Under or over tensioning can cause the ribbed Belt to fail prematurely. Following steps should be followed to ensure proper tension in the drive.

- 1) Fit the Belt on the pulleys with no tension.
- 2) Draw two perpendicular lines across the Belt at about 80% of the Belt span between the pulleys as shown in the figure. Say for example the lines are placed 1000 mm apart. (A).



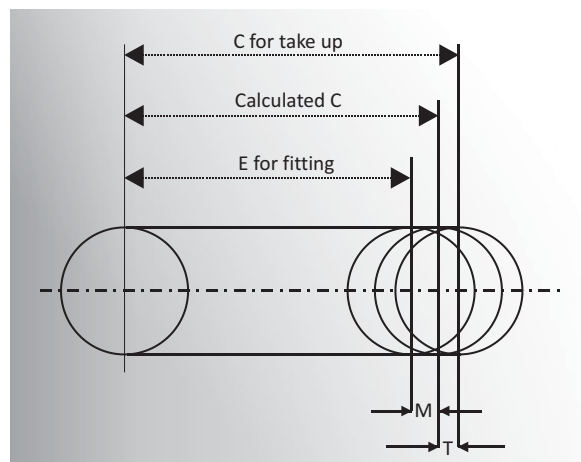
- 3) Increase the distance between two lines by 0.5 to 0.75% i.e. by 5 to 7.5 mm for an initial spacing of 1000 mm, so that the (A) now becomes 1007.5 mm.



- 4) Run the drive under load for about 10 minutes.
- 5) Check the tension of the Belt (spacing between two lines) and readjust, if necessary.

Installation & take-up allowances

L (mm)	PJ		PK		PL		PM	
	M	T	M	T	M	T	M	T
< 750	-10	+10	-11	+13				
750 to 1200	-10	+15	-12	+16	-15	+20		
1200 to 2000	-15	+20	-16	+22	-20	+20		
2000 to 3500	-20	+30	-23	+32	-30	+35	-40	+50
3500 to 5000					-40	+50	-50	+70



How to use the idler pulley

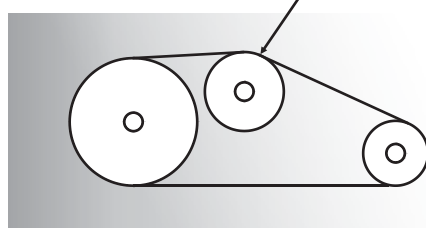
Be careful while using an idler pulley, since it might cause misalignment or may shorten the Belt service life, through flex fatigue. Idler pulley is used when the pulley is fixed, when you want to reduce the vibrations, or to increase the contact angle of the small pulley. When you use an idler pulley, please follow the instructions given below. Please contact us, if you use an outside idler, in particular, since it considerably reduces the Belt service life.

Instructions to use the idler pulley

- Use the idler pulley on the slack side of the Belt
- Use the idler pulley inside the Belt, rather than outside
- Do not place the idler pulley close to any other pulley
- The idler pulley should be flat, without any flanges
- Do not use the Belt for clutching device using idler
- Correct the power transmission capacity, if the contact angle is changed

1. When using inside idler pulley

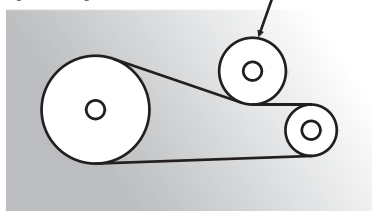
The idler pulley diameter should be larger than or equal to the smaller pulley diameter.



- Use an idler pulley with grooves
- Position the idler pulley near the larger pulley in order to maintain the same contact angle of smaller pulley

2. When using the outside idler pulley

The idler pulley diameter should be 1.5 times or more than the smaller pulley diameter.



- Use the flat idler pulley without the crown
- Position the idler pulley near the smaller pulley
- Minimum idler pulley diameter is shown in the table below

Idler pulley minimum diameter

Belt Type	J	PK	L	M
Minimum Diameter (mm)	50	90	150	300

Troubleshooting: Ribbed V-Belts

Problems	Causes	Remedies
Ribbed Belt breaking after a short period of running	<ul style="list-style-type: none"> a) Forcing of the Belt over pulley during installation b) Overloaded drive c) Ingress of foreign material d) Drive stalled 	<ul style="list-style-type: none"> a) Use proper installation techniques b) Re-check the drive design c) Fit an effective guard d) Check for lubrication
Cuts and splits in the ribs	<ul style="list-style-type: none"> a) Pulley diameter is too small b) Ambient temperature too high c) Abnormal Belt slip d) Contamination by chemicals 	<ul style="list-style-type: none"> a) Re-design using the minimum recommended pulley diameter b) Ensure good ventilation c) Check drive tension d) Protect the drive
Severe Belt vibrations	<ul style="list-style-type: none"> a) Overloaded drive b) Centre distance more than recommended c) High shock loading d) Too low Belt tension e) Unbalanced pulleys 	<ul style="list-style-type: none"> a) Redesigning drive may be necessary b) Use an inside idler on the slack side c) Use an inside idler on the slack side d) Re-tension the drive e) Balance the pulleys
Cannot be re-tensioned	<ul style="list-style-type: none"> a) Insufficient allowance for re-tensioning b) Excessive stretch caused by overloaded drive c) Incorrect Belt length 	<ul style="list-style-type: none"> a) Modify the drive b) Re-design the drive c) Use Belt of proper length
Excessive wear on ribs	<ul style="list-style-type: none"> a) Starting torque too high b) Incorrect pulleys c) Excessive wear of grooves d) Poor drive alignment e) Smaller than recommended minimum pulley diameter f) Belt catching on protruding parts g) Wrong section of Belt for pulleys h) Too low Belt tension 	<ul style="list-style-type: none"> a) Re-design the drive b) Re-machine the pulleys c) Re-machine pulleys d) Re-align the pulleys e) Re-design using correct pulley diameters f) Remove protrusions g) Correct the Belt section h) Re-tension the drive
Excessive Noise	<ul style="list-style-type: none"> a) Contamination by oil, grease or chemicals 	<ul style="list-style-type: none"> a) Protect the drive

Drive design procedure for Timing Belts

Belt drive selection procedure

Design Inputs:

Following inputs are required to design a Synchronous Belt drive

- Power to be transmitted
- Speed of the driver pulley
- Speed of the driven pulley
- Center distance between the pulleys
- Operational hours per day

The steps required to design the drive are as follows

Step I

Service factor

For better performance of the Synchronous Belt drive, it is very important to choose appropriate service factor while designing the drive. Service factor depends on the type of application, working conditions and working hours.

The basic service factor “Ka” can be found out using Table no. (B), on page no.169. However, if exact application cannot be matched in the table, find the service factor considering the similar functional machine in a column, where the load characteristics are similar to the machine which is being used.

If an idler is used in the drive, an additional value “Ki”, 0.2 is to be added in the service factor “Ka”. However, if the drive is ‘speed-increasing’, an additional value “ksu” is to be added to the service factor “Ka” by referring the table no. (A), on page no. 168.

Unusual shock loads, critical drive conditions and surrounding conditions demand a special attention to the drive and in such cases we recommend you to contact our Technical Services Department.

Table A : Speed up Ratio (Ksu)

Speed up Ratio	Additional value
1.00 - 1.25	0.0
1.25 - 1.75	0.1
1.75 - 2.50	0.2
2.50 - 3.50	0.3
3.50 & above	0.4

Step II

Calculate design power

Design Power = Required power x Service factor

$$P_d = P_r \times (K_a + K_i + K_{su})$$

Multiply the power required to be transmitted by the service factor considering all the three conditions, viz. Idler, speed up ratio and basic service factor.

Drive design procedure for Timing Belts

Table B : Service factor table (Ka)

Driving Unit / Driven Machine	AC motors : Normal torque, squirrel cage, synchronous and split phase DC motors : Shut wound, multiple cylinders internal Combustion engines.			AC motors : High torque, high slip, repulsion-induction, single phase series wound and slip ring DC motors : Series compound & compound wound, single cylinder internal combustion engines, line shafts, clutches		
	Intermittent service (3-8 hrs daily or seasonal)	Normal Service (8-15 hours daily)	Continuous Service (15-24 hours daily)	Intermittent service (3-8 hrs daily or seasonal)	Normal Service (8-15 hours daily)	Continuous Service (15-24 hours daily)
Sewing machines, display equipment, medical equipment, office machines, measuring devices	1.0	1.2	1.4	1.2	1.4	1.6
Screens, conveyor Belts, for light packaging, band saw, drums	1.1	1.3	1.5	1.3	1.5	1.7
Agitators and mixers, paper machineries, drill press, lathes, circular saw, planers, printing machines, laundry machines	1.2	1.4	1.6	1.5	1.7	1.9
Conveyor Belts for heavy products (coal, sand etc.) Grinders, shapers, machine tools, line shafts, milling machines, centrifugal pumps, textile machineries (reels), centrifugal compressors	1.3	1.5	1.7	1.6	1.9	2.0
Brick machineries, heavy conveyor Belts, bucket elevators, fans and blowers, centrifugal & induced draft exhaust, generators, rubber calendars, mills, extruders, saw mill machineries, looms, spinning	1.5	1.7	1.9	1.8	2.0	2.2
Hammer mills, conveyor : flight, screw paper pulp	1.6	1.8	2.0	1.9	2.1	2.3
Brick and clay mills, fans blowers, propellers mine fans, +ve blowers	1.7	1.9	2.1	2.0	2.2	2.4
Reciprocating compressors, ball mills, reciprocating pumps	1.8	2.0	2.2	2.1	2.3	2.5

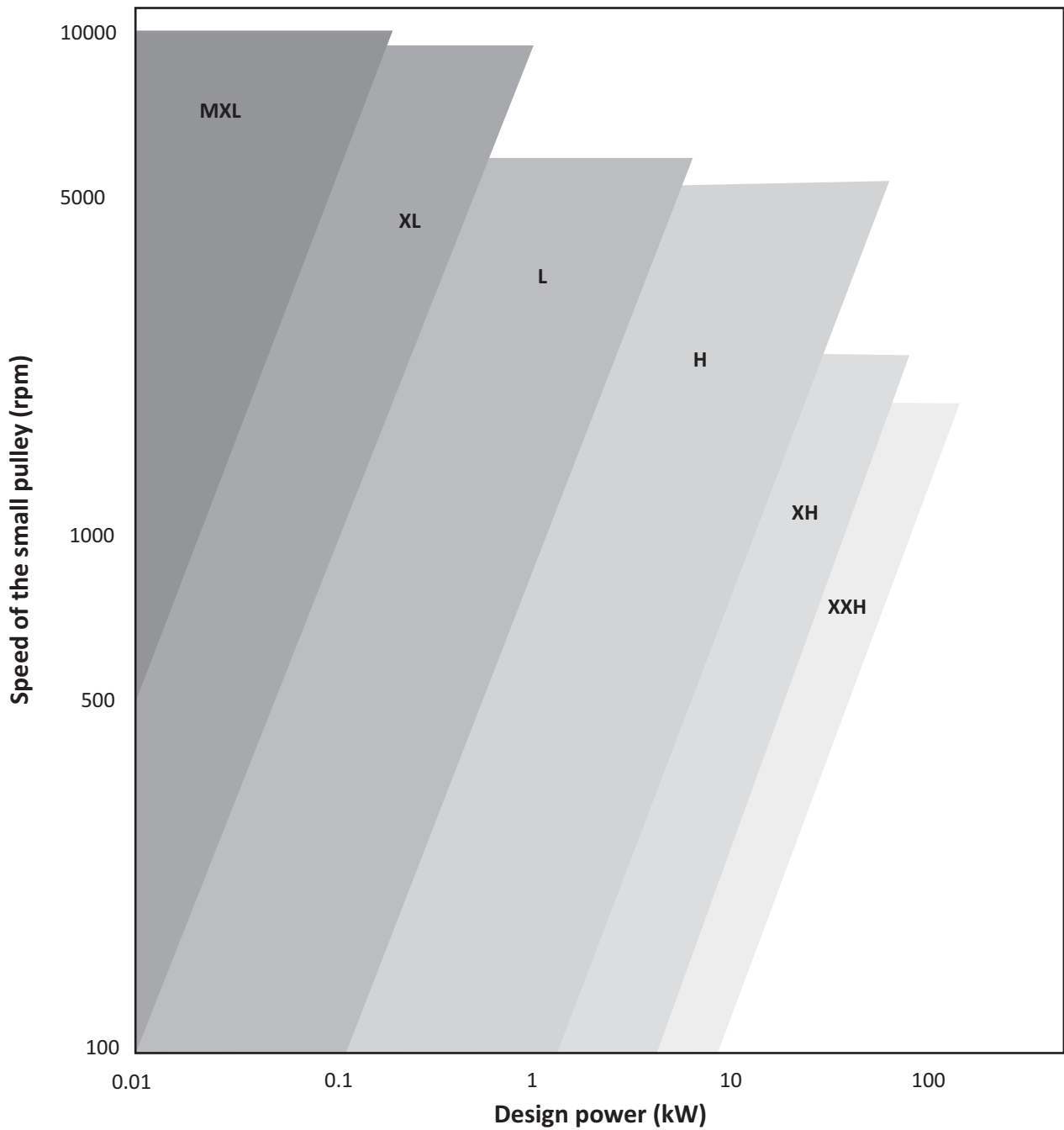
Step III

Locate the Belt section

To select a Belt section, refer Belt section selection graph on page 170. Belt section can be selected by locating the point of cross section of RPM of smaller pulley and the calculated design power. If the point of intersection lies in the vicinity of the line between two adjacent pitches, then the section can be selected by considering the size and economical factors.

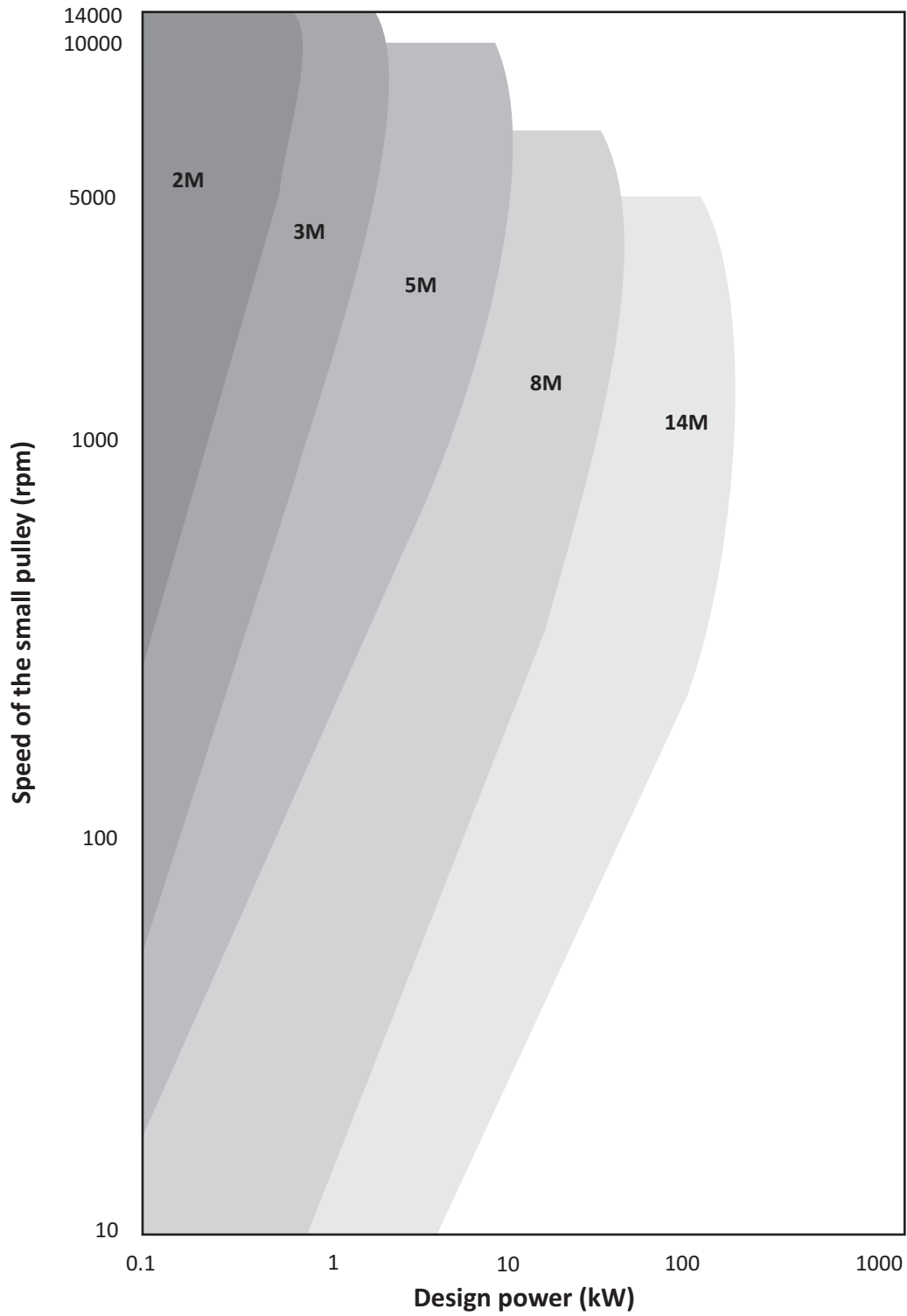
Drive design procedure for Timing Belts

PIX- X'act® Classical Belt section selection chart



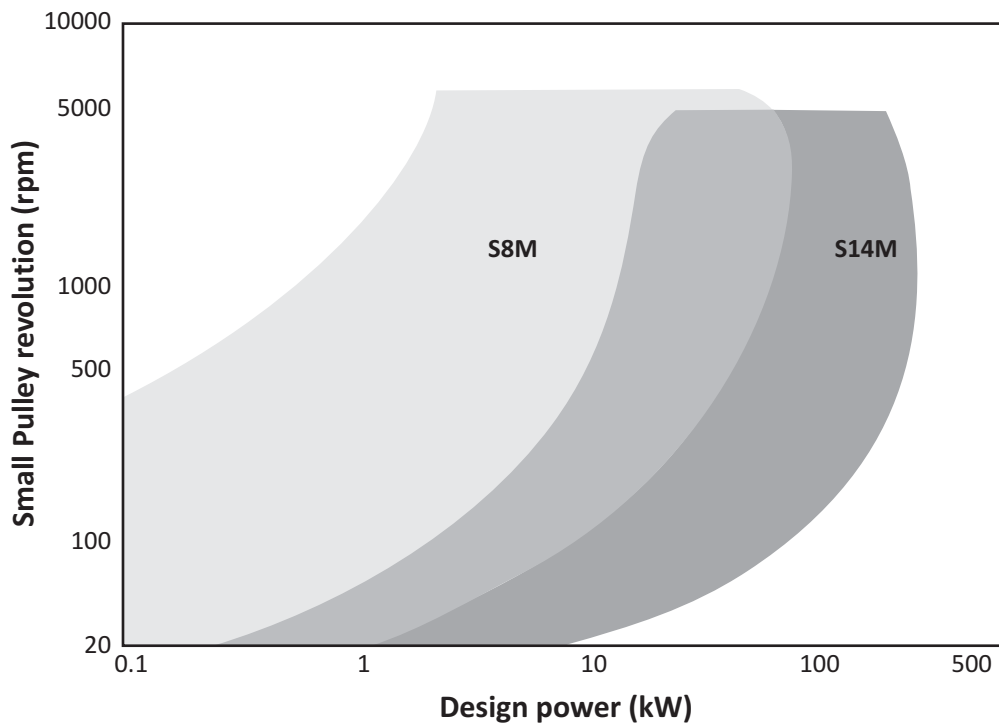
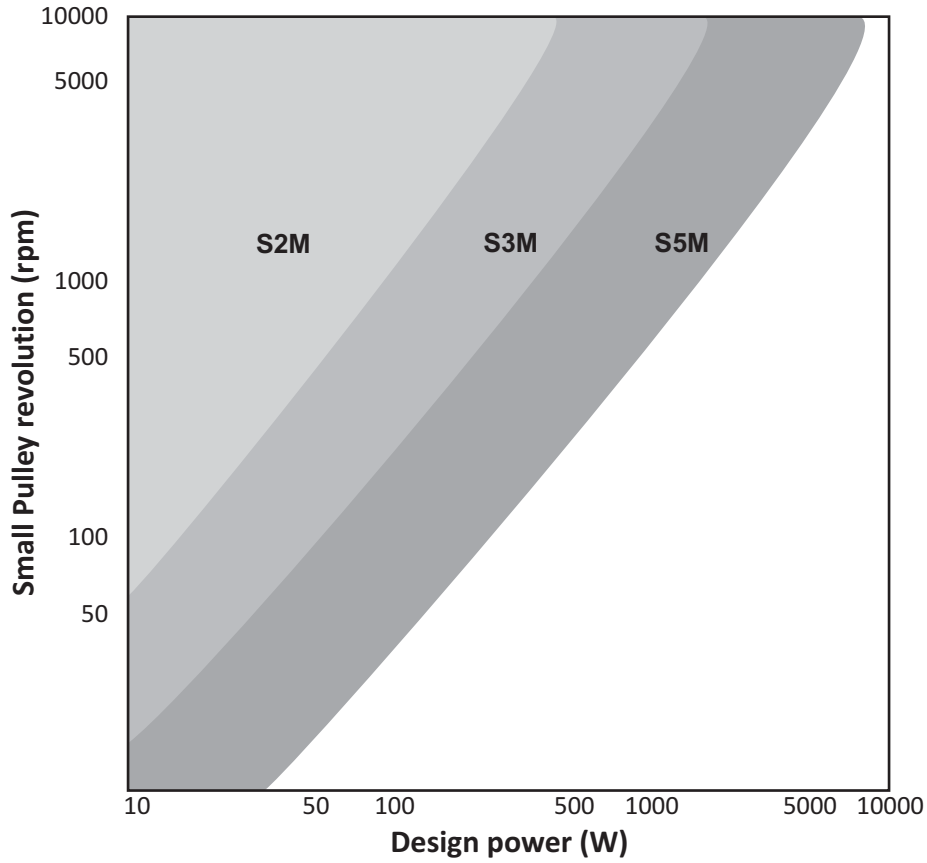
Drive design procedure for Timing Belts

PIX- X'act® HTD Belt section selection chart



Drive design procedure for Timing Belts

PIX- X'act® HTD Belt section selection chart



Drive design procedure for Timing Belts

Step IV

Selection of driver and driven pulley and Belt length

Find out the speed ratio by dividing the RPM of the smaller pulley with the RPM of the larger pulley. To select the pulley combination, please refer standard pulley dimensions from pages 267-271. Select the pulley dimensions according to the required speed ratio.

Belt pitch length (Lp) is calculated by using formula

$$2C + 1.57(D+d) + \frac{(D-d)^2}{4C}$$

Where,

D= Larger pulley pitch diameter

d= Smaller pulley pitch diameter

C = Center distance

Step V

Power rating

To find the power rating of the selected Belt section, refer the tables on page no. 176-263. The power rating of the Belt section in consideration can be located by the point of intersection of the row headed by RPM of the smaller pulley and the column headed by the number of grooves on the smaller pulley.

The power rating tables for a particular section are given for different Belt widths. If the power rating of the selected Belt with a particular width is less than the calculated design power, then the Belt with higher width may be considered to get the required power rating.

The power ratings provided in the tables are based on minimum six teeth of Belt in a mesh. If the number of teeth in mesh is less than six than the power rating should be multiplied with the teeth in mesh factor as given in the following table.

Teeth in mesh	6 or more	5	4	3	2
Factor	1.0	0.8	0.6	0.4	0.2

Drive design example for Timing Belts

Drive Inputs:

Power to be transmitted - 13 kW
 Driver Speed - 1000 RPM
 Driven Speed - 2000 RPM
 Working hours - 15 hrs/day
 Centre - Centre distance - 260 mm
 Type of application : Printing machine

Step I:

Service Factor

Selecting an appropriate service factor depending upon the application and working hours.

From Table B, (page no. 169) for AC motor with printing m/c and 15 hours a day working hours, the service factor is selected as, 'Ka' = 1.4

As the drive is speed-increasing with the speed ratio of $\frac{2000}{1000} = 2$ an extra value 'Ksu' = 0.2 is to be added to the service factor. (Page 168)

Step II:

Design power

Design Power = Required Power X Service Factor
 = P X (Ka + Ksu)
 = 13 X (1.4 + 0.2)
 = 20.8 kW

Step III:

Locate the Belt section

Refer page no. 170-172 to locate the Belt section.

Consider the speed of the smaller pulley i.e. 2000 RPM and the design power to select the suitable Belt section. For the design power of 20.8 kW and 2000 RPM the Belt section selected is 8M

Hence the required Belt section is 8M.

Step IV :

Selection of driver & driven pulleys and Belt pitch length

With the help of speed ratio of the drive, the combination of pulleys and Belt length can be selected from standard range of timing belts pulleys from page no. 268

Driver pulley teeth (z_1) selected = 72 teeth

$$\text{Therefore driver pulley PCD (D)} = \frac{z_1 \times p}{\pi} = \frac{72 \times 8}{\pi} = 183.35\text{mm}$$

Drive design example for Timing Belts

Driven pulley teeth (z_2) selected = 36 teeth

$$\text{Therefore driver pulley PCD (d)} = \frac{z_1 \times p}{\pi} = \frac{36 \times 8}{\pi} = 91.67 \text{ mm}$$

$$\text{Belt Pitch Length (Lp)} = 2C + 1.57(D+d) + \frac{(D-d)^2}{4C}$$

$$\begin{aligned} \text{Belt Pitch Length (Lp)} &= 2 \times 260 + 1.57(183.35 + 91.67) + \frac{(183.35 - 91.67)^2}{4 \times 260} \\ &= 959.86 \text{ mm} \end{aligned}$$

Hence, next standard pitch length selected = 960 mm

Step V:

Belt width & power rating

To decide the Belt width, refer page no. 236, giving power rating table of 8M HTD Belt with 85 mm Belt width. For the combination of small pulley grooves and its speed the power rating of the Belt is 34.35 kW. Since the design power is 20.8 kW, which is less than 34.35 kW, hence 85 mm Belt width is sufficient to transmit the required power.

Therefore, Belt width = 85 mm

The power rating tables are based on six teeth in a mesh. To calculate the power transmission capacity of a Belt, No. of teeth in a mesh is required which is calculated as follows ;

$$\text{teeth in a mesh} = \left[0.5 - \frac{D-d}{6C} \right] Z_1$$

Where,

D - Pitch diameter of larger pulley

d - Pitch diameter of smaller pulley

C - Centre Distance

Z_1 - No. of grooves on smaller pulley

$$\begin{aligned} \text{Hence, Teeth in a mesh} &= \left[0.5 - \frac{183.35 - 91.67}{6 \times 260} \right] \times 36 \\ &= 15.88 \text{ teeth} \end{aligned}$$

As the number of teeth in a mesh are more than 6, correction factor is 1 which indicates that the power rating of the Belt with 85 mm Belt width will remain unchanged.

Summary

Belt Section - 8M

Belt Length - 960 mm L_p

Belt Width - 85 mm

PIX Equivalent - 960 8M 85

Power rating- (W) PIX-X'act®-MXL Classical Belt with 4.8 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
100	0.60	0.76	0.83	0.98	1.06	1.21	1.29	1.44	1.59	1.66	1.81	1.89	2.04	2.19	2.27	2.42
200	1.21	1.44	1.66	1.89	2.19	2.42	2.65	2.87	3.10	3.33	3.63	3.86	4.08	4.31	4.54	4.76
300	1.81	2.19	2.49	2.87	3.25	3.63	3.93	4.31	4.69	5.07	5.37	5.75	6.12	6.50	6.80	7.18
400	2.42	2.87	3.33	3.86	4.31	4.76	5.29	5.75	6.20	6.73	7.18	7.64	8.16	8.62	9.15	9.60
500	3.02	3.63	4.16	4.76	5.37	5.97	6.58	7.18	7.79	8.39	9.00	9.60	10.21	10.81	11.42	12.02
600	3.63	4.31	5.07	5.75	6.50	7.18	7.94	8.62	9.37	10.05	10.81	11.49	12.25	12.93	13.68	14.36
700	4.50	5.07	5.90	6.73	7.56	8.39	9.22	10.05	10.89	11.72	12.55	13.38	14.29	15.12	15.95	16.78
800	4.76	6.00	6.73	7.64	8.62	9.60	10.51	11.49	12.47	13.46	14.36	15.35	16.33	17.24	18.22	19.20
900	5.37	6.50	8.00	8.62	9.68	10.81	11.87	12.93	13.99	15.12	16.18	17.24	18.37	19.43	20.49	21.55
1000	5.97	7.18	8.39	9.80	10.81	11.94	13.15	14.36	15.57	16.78	17.99	19.13	20.34	21.55	22.76	23.97
1100	6.58	7.94	9.22	10.51	12.00	13.15	14.52	15.80	17.16	18.45	19.73	21.09	22.38	23.74	25.02	26.38
1200	7.18	8.62	10.05	11.49	12.93	14.50	15.80	17.24	18.67	20.11	21.55	22.98	24.42	25.86	27.29	28.73
1300	7.79	9.37	10.89	12.47	14.06	15.57	17.50	18.67	20.26	21.77	23.36	24.87	26.46	28.05	29.56	31.15
1400	8.39	10.05	11.72	13.38	15.12	16.78	18.45	20.50	21.77	23.51	25.17	26.84	28.50	30.16	31.83	33.49
1500	9.00	10.81	12.55	14.36	16.18	17.99	19.73	21.55	23.50	25.17	26.91	28.73	30.54	32.28	34.10	35.91
1600	9.60	11.49	13.38	15.35	17.24	19.13	21.09	22.98	24.87	27.00	28.73	30.62	32.58	34.47	36.36	38.25
1700	10.21	12.25	14.29	16.25	18.37	20.34	22.38	24.42	26.46	28.50	31.00	32.58	34.62	36.59	38.63	40.67
1800	10.81	12.93	15.12	17.24	19.43	21.55	23.74	25.86	28.05	30.16	32.36	35.00	36.59	38.78	40.90	43.09
1900	11.42	13.68	15.95	18.22	20.49	22.76	25.02	27.29	29.56	31.83	34.10	36.36	39.00	40.90	43.17	45.44
2000	11.94	14.36	16.78	19.13	21.55	23.97	26.31	28.73	31.15	33.49	35.91	38.25	40.67	43.50	45.44	47.85
2100	12.55	15.12	17.61	20.11	22.68	25.17	27.67	30.16	32.66	35.23	37.72	40.22	42.71	45.21	48.00	50.20
2200	13.15	15.80	18.45	21.09	23.74	26.31	28.95	31.60	34.25	36.89	39.46	42.11	44.76	47.33	49.97	53.00
2300	13.76	16.56	19.28	22.00	24.80	27.52	30.32	33.04	35.76	38.56	41.28	44.00	46.72	49.44	52.24	54.96
2400	14.36	17.24	20.11	22.98	25.86	28.73	31.60	34.47	37.35	40.22	43.09	45.89	48.76	51.63	54.51	57.30
2500	14.97	17.99	20.94	23.97	26.99	29.94	32.89	35.91	38.86	41.88	44.83	47.78	50.80	53.75	56.70	59.65
2600	15.57	18.67	21.77	24.87	28.05	31.15	34.25	37.35	40.45	43.55	46.65	49.67	52.84	55.87	58.97	62.07
2700	16.18	19.43	22.60	25.86	29.11	32.28	35.53	38.78	41.96	45.21	48.38	51.63	54.81	57.99	61.24	64.41
2800	16.78	20.11	23.44	26.84	30.16	33.49	36.82	40.22	43.55	46.87	50.20	53.52	56.85	60.10	63.50	66.75
2900	17.39	20.87	24.34	27.75	31.22	34.70	38.18	41.66	45.06	48.54	52.01	55.41	58.89	62.29	65.70	69.10
3000	17.99	21.55	25.17	28.73	32.36	35.91	39.46	43.09	46.65	50.20	53.75	57.30	60.86	64.41	67.96	71.52
3100				29.71	33.42	37.12	40.75	44.53	48.16	51.86	55.57	59.19	62.90	66.53	70.23	73.86
3200				30.62	34.47	38.25	42.11	45.89	49.67	53.52	57.30	61.08	64.86	68.64	72.42	76.20
3300				31.60	35.53	39.46	43.39	47.33	51.26	55.19	59.12	62.97	66.91	70.76	74.69	78.55
3400				32.58	36.67	40.67	44.68	48.76	52.77	56.85	60.86	64.86	68.87	72.88	76.89	80.89
3500				33.49	37.72	41.88	46.04	50.20	54.36	58.51	62.67	66.75	70.91	75.00	79.15	83.24
3600				34.47	38.78	43.02	47.33	51.63	55.87	60.18	64.41	68.64	72.88	77.11	81.35	85.58
3700				35.38	39.84	44.23	48.61	53.07	57.38	61.84	66.15	70.53	74.92	79.23	83.61	87.92
3800				36.36	40.90	45.44	49.97	54.51	58.97	63.50	67.96	72.42	76.89	81.35	85.81	90.19
3900				37.35	42.03	46.65	51.26	55.87	60.48	65.17	69.70	74.31	78.93	83.46	88.00	92.53
4000				38.25	43.09	47.78	52.54	57.30	62.07	66.75	71.52	76.20	80.89	85.50	90.27	94.88
4100				39.24	44.15	48.99	53.83	58.74	63.58	68.42	73.26	78.02	82.86	87.62	92.46	97.22
4200				40.22	45.21	50.20	55.19	60.18	65.09	70.08	75.00	79.91	84.90	89.74	94.65	99.49
4300				41.13	46.27	51.33	56.47	61.61	66.60	71.74	76.81	81.80	86.86	91.85	96.84	101.83
4400				42.11	47.33	52.54	57.76	62.97	68.19	73.41	78.55	83.69	88.83	93.90	99.04	104.10
4500				43.02	48.46	53.75	59.04	64.41	69.70	75.07	80.29	85.50	90.80	96.01	101.23	106.44
4600				44.00	49.52	54.96	60.40	65.85	71.22	76.66	82.03	87.39	92.76	98.13	103.42	108.71
4700				44.98	50.58	56.10	61.69	67.28	72.73	78.32	83.84	89.28	94.80	100.17	105.61	111.06
4800				45.89	51.63	57.30	62.97	68.64	74.31	79.98	85.58	91.10	96.77	102.29	107.81	113.32
4900				46.87	52.69	58.51	64.26	70.08	75.83	81.57	87.32	92.99	98.73	104.33	110.00	115.59
5000				47.78	53.75	59.65	65.55	71.52	77.34	83.24	89.06	94.88	100.70	106.37	112.19	117.86

Power rating- (W) PIX-X'act®-MXL Classical Belt with 6.4 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
100	0.84	1.05	1.16	1.37	1.47	1.68	1.79	2.00	2.21	2.31	2.52	2.63	2.84	3.05	3.15	3.36
200	1.68	2.00	2.31	2.63	3.05	3.36	3.68	3.99	4.31	4.62	5.04	5.36	5.67	5.99	6.30	6.62
300	2.52	3.05	3.47	3.99	4.52	5.04	5.46	5.99	6.51	7.04	7.46	7.98	8.51	9.03	9.45	9.98
400	3.36	3.99	4.62	5.36	5.99	6.62	7.35	7.98	8.61	9.35	9.98	10.61	11.34	11.97	12.71	13.34
500	4.20	5.04	5.78	6.62	7.46	8.30	9.14	9.98	10.82	11.66	12.50	13.34	14.18	15.02	15.86	16.70
600	5.10	5.99	7.04	7.98	9.03	9.98	11.03	11.97	13.02	13.97	15.02	15.96	17.01	17.96	19.01	19.95
700	5.78	7.10	8.19	9.35	10.50	11.66	12.81	13.97	15.12	16.28	17.43	18.59	19.85	21.00	22.16	23.31
800	6.62	7.98	9.40	10.61	11.97	13.34	14.60	15.96	17.33	18.69	19.95	21.32	22.68	23.94	25.31	26.67
900	7.46	9.03	10.50	12.00	13.44	15.02	16.49	17.96	19.43	21.00	22.47	23.94	25.52	26.99	28.46	29.93
1000	8.30	9.98	11.66	13.34	15.50	16.59	18.27	19.95	21.63	23.31	24.99	26.57	28.25	29.93	31.61	33.29
1100	9.14	11.03	12.81	14.60	16.49	18.50	20.16	21.95	23.84	25.62	27.41	29.30	31.08	32.97	34.76	36.65
1200	9.98	11.97	13.97	15.96	17.96	19.95	22.00	23.94	25.94	27.93	29.93	31.92	33.92	35.91	37.91	39.90
1300	10.82	13.02	15.12	17.33	19.53	21.63	23.84	26.00	28.14	30.24	32.45	34.55	36.75	38.96	41.06	43.26
1400	11.66	13.97	16.28	18.59	21.00	23.31	25.62	27.93	30.50	32.66	34.97	37.28	39.59	41.90	44.21	46.52
1500	12.50	15.02	17.43	19.95	22.47	24.99	27.41	29.93	32.45	35.00	37.38	39.90	42.42	44.84	47.36	49.88
1600	13.34	15.96	18.59	21.32	23.94	26.57	29.30	31.92	34.55	37.28	40.00	42.53	45.26	47.88	50.51	53.13
1700	14.18	17.01	19.85	22.58	25.52	28.25	31.08	33.92	36.75	39.59	42.42	45.50	48.09	50.82	53.66	56.49
1800	15.02	17.96	21.00	23.94	26.99	29.93	32.97	35.91	38.96	41.90	44.94	47.88	51.00	53.87	56.81	59.85
1900	15.86	19.01	22.16	25.31	28.46	31.61	34.76	37.91	41.06	44.21	47.36	50.51	53.66	57.00	59.96	63.11
2000	16.59	19.95	23.31	26.57	29.93	33.29	36.54	39.90	43.26	46.52	49.88	53.13	56.49	59.75	63.50	66.47
2100	17.43	21.00	24.47	27.93	31.50	34.97	38.43	41.90	45.36	48.93	52.40	55.86	59.33	62.79	66.26	70.00
2200	18.27	21.95	25.62	29.30	32.97	36.54	40.22	43.89	47.57	51.24	54.81	58.49	62.16	65.73	69.41	72.98
2300	19.11	23.00	26.78	30.56	34.44	38.22	42.11	45.89	49.67	53.55	57.33	61.11	64.89	68.67	72.56	76.34
2400	19.95	23.94	27.93	31.92	35.91	39.90	43.89	47.88	51.87	55.86	59.85	63.74	67.73	71.72	75.71	79.59
2500	20.79	24.99	29.09	33.29	37.49	41.58	45.68	49.88	53.97	58.17	62.27	66.36	70.56	74.66	78.75	82.85
2600	21.63	25.94	30.24	34.55	38.96	43.26	47.57	51.87	56.18	60.48	64.79	68.99	73.40	77.60	81.90	86.21
2700	22.47	26.99	31.40	35.91	40.43	44.84	49.35	53.87	58.28	62.79	67.20	71.72	76.13	80.54	85.05	89.46
2800	23.31	27.93	32.55	37.28	41.90	46.52	51.14	55.86	60.48	65.10	69.72	74.34	78.96	83.48	88.20	92.72
2900	24.15	28.98	33.81	38.54	43.37	48.20	53.03	57.86	62.58	67.41	72.24	76.97	81.80	86.52	91.25	95.97
3000	24.99	29.93	34.97	39.90	44.94	49.88	54.81	59.85	64.79	69.72	74.66	79.59	84.53	89.46	94.40	99.33
3100				41.27	46.41	51.56	56.60	61.85	66.89	72.03	77.18	82.22	87.36	92.40	97.55	102.59
3200				42.53	47.88	53.13	58.49	63.74	68.99	74.34	79.59	84.84	90.09	95.34	100.59	105.84
3300				43.89	49.35	54.81	60.27	65.73	71.19	76.65	82.11	87.47	92.93	98.28	103.74	109.10
3400				45.26	50.93	56.49	62.06	67.73	73.29	78.96	84.53	90.09	95.66	101.22	106.79	112.35
3500				46.52	52.40	58.17	63.95	69.72	75.50	81.27	87.05	92.72	98.49	104.16	109.94	115.61
3600				47.88	53.87	59.75	65.73	71.72	77.60	83.58	89.46	95.34	101.22	107.10	112.98	118.86
3700				49.14	55.34	61.43	67.52	73.71	79.70	85.89	91.88	97.97	104.06	110.04	116.13	122.12
3800				50.51	56.81	63.11	69.41	75.71	81.90	88.20	94.40	100.59	106.79	112.98	119.18	125.27
3900				51.87	58.38	64.79	71.19	77.60	84.00	90.51	96.81	103.22	109.62	115.92	122.22	128.52
4000				53.13	59.85	66.36	72.98	79.59	86.21	92.72	99.33	105.84	112.35	118.76	125.37	131.78
4100				54.50	61.32	68.04	74.76	81.59	88.31	95.03	101.75	108.36	115.08	121.70	128.42	135.03
4200				55.86	62.79	69.72	76.65	83.58	90.41	97.34	104.16	110.99	117.92	124.64	131.46	138.18
4300				57.12	64.26	71.30	78.44	85.58	92.51	99.65	106.68	113.61	120.65	127.58	134.51	141.44
4400				58.49	65.73	72.98	80.22	87.47	94.71	101.96	109.10	116.24	123.38	130.41	137.55	144.59
4500				59.75	67.31	74.66	82.01	89.46	96.81	104.27	111.51	118.76	126.11	133.35	140.60	147.84
4600				61.11	68.78	76.34	83.90	91.46	98.91	106.47	113.93	121.38	128.84	136.29	143.64	150.99
4700				62.48	70.25	77.91	85.68	93.45	101.01	108.78	116.45	124.01	131.67	139.13	146.69	154.25
4800				63.74	71.72	79.59	87.47	95.34	103.22	111.09	118.86	126.53	134.40	142.07	149.73	157.40
4900				65.10	73.19	81.27	89.25	97.34	105.32	113.30	121.28	129.15	137.13	144.90	152.78	160.55
5000				66.36	74.66	82.85	91.04	99.33	107.42	115.61	123.69	131.78	139.86	147.74	155.82	163.70

Power rating- (W) PIX-X'act®-MXL Classical Belt with 9.5 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
100	1.32	1.65	1.81	2.14	2.31	2.64	2.80	3.13	3.46	3.63	3.96	4.12	4.45	4.78	4.95	5.28
200	2.64	3.13	3.63	4.12	4.78	5.28	5.77	6.26	6.76	7.25	7.91	8.41	8.90	9.40	9.89	10.39
300	3.96	4.78	5.44	6.26	7.09	7.91	8.57	9.40	10.22	11.04	11.70	12.53	13.35	14.18	14.84	15.66
400	5.28	6.26	7.25	8.41	9.40	10.39	11.54	12.53	13.52	14.67	15.66	16.65	17.80	18.79	19.95	20.94
500	6.59	7.91	9.07	10.39	11.70	13.02	14.34	15.66	16.98	18.30	19.62	20.94	22.25	23.57	24.89	26.21
600	8.00	9.40	11.04	12.53	14.18	15.66	17.31	18.79	20.44	21.93	23.57	25.06	26.71	28.19	29.84	31.32
700	9.07	11.50	12.86	14.67	16.49	18.30	20.11	21.93	23.74	25.55	27.37	29.18	31.16	32.97	34.78	36.60
800	10.39	12.53	15.00	16.65	18.79	20.94	22.91	25.06	27.20	29.34	31.32	33.46	35.61	37.59	39.73	41.87
900	11.70	14.18	16.49	19.00	21.10	23.57	25.88	28.19	30.50	32.97	35.28	37.59	40.06	42.37	44.67	46.98
1000	13.02	15.66	18.30	20.94	24.00	26.05	28.68	31.32	33.96	36.60	39.23	41.71	44.34	46.98	49.62	52.26
1100	14.34	17.31	20.11	22.91	25.88	29.00	31.65	34.45	37.42	40.22	43.03	45.99	48.80	51.76	54.57	57.53
1200	15.66	18.79	21.93	25.06	28.19	31.32	35.00	37.59	40.72	43.85	46.98	50.11	53.25	56.38	59.51	62.64
1300	16.98	20.44	23.74	27.20	30.66	33.96	37.42	41.00	44.18	47.48	50.94	54.24	57.70	61.16	64.46	67.92
1400	18.30	21.93	25.55	29.18	32.97	36.60	40.22	43.85	48.00	51.27	54.90	58.52	62.15	65.78	69.40	73.03
1500	19.62	23.57	27.37	31.32	35.28	39.23	43.03	46.98	50.94	55.00	58.69	62.64	66.60	70.39	74.35	78.30
1600	20.94	25.06	29.18	33.46	37.59	41.71	45.99	50.11	54.24	58.52	63.00	66.76	71.05	75.17	79.29	83.41
1700	22.25	26.71	31.16	35.44	40.06	44.34	48.80	53.25	57.70	62.15	66.60	71.50	75.50	79.79	84.24	88.69
1800	23.57	28.19	32.97	37.59	42.37	46.98	51.76	56.38	61.16	65.78	70.56	75.17	80.00	84.57	89.18	93.96
1900	24.89	29.84	34.78	39.73	44.67	49.62	54.57	59.51	64.46	69.40	74.35	79.29	84.24	89.50	94.13	99.07
2000	26.05	31.32	36.60	41.71	46.98	52.26	57.37	62.64	67.92	73.03	78.30	83.41	88.69	93.80	99.50	104.35
2100	27.37	32.97	38.41	43.85	49.46	54.90	60.34	65.78	71.22	76.82	82.26	87.70	93.14	98.58	104.02	110.00
2200	28.68	34.45	40.22	45.99	51.76	57.37	63.14	68.91	74.68	80.45	86.05	91.82	97.59	103.20	108.97	114.57
2300	30.00	36.10	42.04	47.97	54.07	60.01	66.10	72.04	77.97	84.07	90.01	95.94	101.88	107.81	113.91	119.85
2400	31.32	37.59	43.85	50.11	56.38	62.64	68.91	75.17	81.44	87.70	93.96	100.06	106.33	112.59	118.86	124.96
2500	32.64	39.23	45.66	52.26	58.85	65.28	71.71	78.30	84.73	91.33	97.76	104.19	110.78	117.21	123.64	130.07
2600	33.96	40.72	47.48	54.24	61.16	67.92	74.68	81.44	88.19	94.95	101.71	108.31	115.23	121.82	128.58	135.34
2700	35.28	42.37	49.29	56.38	63.47	70.39	77.48	84.57	91.49	98.58	105.50	112.59	119.52	126.44	133.53	140.45
2800	36.60	43.85	51.10	58.52	65.78	73.03	80.28	87.70	94.95	102.21	109.46	116.71	123.97	131.06	138.47	145.56
2900	37.92	45.50	53.08	60.50	68.08	75.67	83.25	90.83	98.25	105.83	113.42	120.84	128.42	135.84	143.25	150.67
3000	39.23	46.98	54.90	62.64	70.56	78.30	86.05	93.96	101.71	109.46	117.21	124.96	132.70	140.45	148.20	155.95
3100	---	---	---	64.79	72.86	80.94	88.85	97.10	105.01	113.09	121.16	129.08	137.16	145.07	153.15	161.06
3200	---	---	---	66.76	75.17	83.41	91.82	100.06	108.31	116.71	124.96	133.20	141.44	149.68	157.93	166.17
3300	---	---	---	68.91	77.48	86.05	94.62	103.20	111.77	120.34	128.91	137.32	145.89	154.30	162.87	171.28
3400	---	---	---	71.05	79.95	88.69	97.43	106.33	115.07	123.97	132.70	141.44	150.18	158.92	167.65	176.39
3500	---	---	---	73.03	82.26	91.33	100.39	109.46	118.53	127.59	136.66	145.56	154.63	163.53	172.60	181.50
3600	---	---	---	75.17	84.57	93.80	103.20	112.59	121.82	131.22	140.45	149.68	158.92	168.15	177.38	186.61
3700	---	---	---	77.15	86.88	96.44	106.00	115.72	125.12	134.85	144.24	153.81	163.37	172.76	182.32	191.72
3800	---	---	---	79.29	89.18	99.07	108.97	118.86	128.58	138.47	148.20	157.93	167.65	177.38	187.10	196.67
3900	---	---	---	81.44	91.66	101.71	111.77	121.82	131.88	142.10	151.99	162.05	172.10	181.99	191.89	201.78
4000	---	---	---	83.41	93.96	104.19	114.57	124.96	135.34	145.56	155.95	166.17	176.39	186.45	196.83	206.89
4100	---	---	---	85.56	96.27	106.82	117.37	128.09	138.64	149.19	159.74	170.13	180.68	191.06	201.61	212.00
4200	---	---	---	87.70	98.58	109.46	120.34	131.22	141.94	152.82	163.53	174.25	185.13	195.68	206.39	216.94
4300	---	---	---	89.68	100.89	111.93	123.14	134.35	145.23	156.44	167.49	178.37	189.41	200.29	211.17	222.05
4400	---	---	---	91.82	103.20	114.57	125.95	137.32	148.69	160.07	171.28	182.49	193.70	204.74	215.95	227.00
4500	---	---	---	93.80	105.67	117.21	128.75	140.45	151.99	163.70	175.07	186.45	197.98	209.36	220.73	232.11
4600	---	---	---	95.94	107.98	119.85	131.72	143.58	155.29	167.16	178.86	190.57	202.27	213.98	225.51	237.05
4700	---	---	---	98.09	110.28	122.32	134.52	146.72	158.59	170.78	182.82	194.69	206.72	218.43	230.30	242.16
4800	---	---	---	100.06	112.59	124.96	137.32	149.68	162.05	174.41	186.61	198.64	211.01	223.04	235.08	247.11
4900	---	---	---	102.21	114.90	127.59	140.12	152.82	165.34	177.87	190.40	202.77	215.29	227.49	239.86	252.06
5000	---	---	---	104.19	117.21	130.07	142.92	155.95	168.64	181.50	194.19	206.89	219.58	231.94	244.64	257.00

Power rating- (kW) PIX-X'act®-XL Classical Belt with 6.35 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.006	0.006	0.007
200	0.004	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.013	0.014
300	0.007	0.008	0.008	0.009	0.010	0.011	0.012	0.014	0.015	0.017	0.018	0.019	0.021
400	0.009	0.010	0.011	0.012	0.013	0.015	0.016	0.018	0.020	0.022	0.024	0.026	0.027
500	0.011	0.012	0.014	0.015	0.016	0.018	0.021	0.023	0.025	0.027	0.030	0.032	0.035
600	0.014	0.015	0.016	0.018	0.019	0.022	0.025	0.027	0.030	0.033	0.036	0.038	0.041
700	0.016	0.017	0.019	0.021	0.022	0.026	0.029	0.032	0.035	0.038	0.042	0.045	0.048
800	0.018	0.020	0.022	0.024	0.026	0.029	0.033	0.037	0.041	0.044	0.048	0.052	0.055
950	0.022	0.024	0.026	0.029	0.031	0.035	0.039	0.044	0.048	0.053	0.057	0.061	0.066
1100	0.025	0.028	0.030	0.033	0.035	0.041	0.045	0.051	0.056	0.061	0.066	0.071	0.076
1200	0.028	0.030	0.033	0.036	0.039	0.044	0.050	0.055	0.061	0.066	0.072	0.077	0.083
1300	0.030	0.033	0.036	0.039	0.042	0.048	0.054	0.060	0.066	0.072	0.078	0.084	0.090
1450		0.036	0.040	0.043	0.047	0.053	0.060	0.067	0.073	0.080	0.087	0.093	0.100
1600		0.041	0.044	0.048	0.052	0.059	0.066	0.074	0.081	0.088	0.096	0.103	0.110
1800		0.045	0.050	0.054	0.058	0.066	0.074	0.083	0.091	0.099	0.107	0.116	0.124
2000		0.051	0.055	0.060	0.065	0.074	0.083	0.092	0.101	0.110	0.119	0.129	0.138
2200		0.056	0.061	0.066	0.071	0.081	0.091	0.101	0.111	0.121	0.131	0.141	0.151
2400		0.061	0.066	0.072	0.077	0.088	0.099	0.110	0.121	0.132	0.143	0.153	0.164
2600		0.066	0.072	0.078	0.084	0.096	0.108	0.119	0.131	0.143	0.155	0.166	0.178
2850			0.079	0.085	0.092	0.105	0.118	0.131	0.143	0.156	0.169	0.181	0.194
3000			0.083	0.090	0.097	0.110	0.124	0.138	0.151	0.164	0.178	0.191	0.204
3200			0.088	0.095	0.103	0.117	0.132	0.146	0.161	0.175	0.189	0.203	0.216
3400			0.094	0.102	0.109	0.125	0.140	0.155	0.170	0.185	0.200	0.215	0.229
3600			0.099	0.108	0.116	0.132	0.148	0.164	0.180	0.196	0.211	0.227	0.242
3850			0.106	0.115	0.124	0.141	0.158	0.175	0.192	0.209	0.225	0.242	0.258
4000			0.110	0.119	0.128	0.146	0.164	0.182	0.199	0.216	0.233	0.250	0.267
4200			0.116	0.125	0.135	0.153	0.172	0.191	0.209	0.227	0.245	0.262	0.279
4400			0.121	0.131	0.141	0.161	0.180	0.199	0.218	0.237	0.255	0.273	0.291
4600			0.127	0.137	0.147	0.168	0.188	0.208	0.228	0.247	0.266	0.285	0.303
4800			0.132	0.143	0.153	0.175	0.196	0.217	0.237	0.257	0.277	0.296	0.315
5000					0.160	0.182	0.204	0.225	0.246	0.267	0.287	0.307	0.326
5500					0.175	0.200	0.223	0.246	0.269	0.291	0.313	0.334	0.354
6000					0.190	0.216	0.242	0.267	0.291	0.314	0.337	0.359	0.380
6500					0.206	0.233	0.261	0.287	0.312	0.337	0.361	0.383	0.405
7000					0.221	0.250	0.279	0.307	0.333	0.359	0.383	0.406	0.428
7500					0.236	0.267	0.297	0.326	0.354	0.380	0.405	0.428	0.449
8000					0.251	0.283	0.315	0.345	0.373	0.400	0.425	0.448	0.469
8500					0.265	0.299	0.332	0.362	0.392	0.419	0.443	0.466	0.486
9000					0.279	0.315	0.348	0.380	0.410	0.437	0.461	0.483	0.501
10000					0.307	0.344	0.380	0.413	0.442	0.468	0.491	0.510	0.524

Power rating- (kW) PIX-X'act®-XL Classical Belt with 7.94 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.005	0.005	0.005	0.005	0.004	0.005	0.006	0.006	0.007	0.008	0.008	0.009	0.009
200	0.006	0.007	0.007	0.008	0.009	0.010	0.011	0.013	0.014	0.015	0.016	0.018	0.019
300	0.009	0.011	0.012	0.012	0.013	0.015	0.017	0.019	0.021	0.023	0.025	0.027	0.029
400	0.013	0.014	0.015	0.016	0.018	0.020	0.023	0.026	0.028	0.031	0.033	0.036	0.038
500	0.016	0.017	0.019	0.021	0.022	0.026	0.029	0.032	0.035	0.038	0.042	0.045	0.048
600	0.019	0.021	0.023	0.025	0.027	0.030	0.034	0.038	0.042	0.046	0.050	0.054	0.058
700	0.022	0.024	0.027	0.029	0.031	0.036	0.040	0.045	0.049	0.054	0.058	0.063	0.067
800	0.026	0.028	0.031	0.033	0.036	0.041	0.046	0.051	0.057	0.062	0.067	0.072	0.077
950	0.031	0.034	0.037	0.040	0.043	0.049	0.055	0.061	0.067	0.074	0.080	0.086	0.092
1100	0.035	0.039	0.042	0.046	0.050	0.057	0.064	0.071	0.078	0.085	0.092	0.099	0.106
1200	0.039	0.043	0.046	0.050	0.054	0.062	0.070	0.077	0.085	0.093	0.101	0.108	0.116
1300	0.042	0.046	0.050	0.055	0.059	0.067	0.076	0.084	0.092	0.101	0.109	0.117	0.126
1450		0.051	0.056	0.060	0.065	0.075	0.084	0.093	0.102	0.112	0.121	0.130	0.140
1600		0.057	0.062	0.067	0.072	0.083	0.093	0.103	0.113	0.124	0.134	0.144	0.154
1800		0.063	0.069	0.075	0.081	0.093	0.104	0.116	0.127	0.139	0.150	0.162	0.173
2000		0.071	0.077	0.084	0.091	0.103	0.116	0.129	0.142	0.155	0.167	0.180	0.193
2200		0.078	0.085	0.092	0.099	0.113	0.127	0.142	0.156	0.169	0.184	0.197	0.211
2400		0.085	0.093	0.101	0.108	0.124	0.139	0.154	0.169	0.185	0.200	0.215	0.230
2600		0.092	0.101	0.109	0.117	0.134	0.151	0.167	0.184	0.200	0.216	0.232	0.249
2850			0.110	0.119	0.128	0.146	0.165	0.183	0.201	0.218	0.236	0.254	0.271
3000			0.116	0.126	0.135	0.155	0.173	0.193	0.211	0.230	0.249	0.267	0.285
3200			0.123	0.134	0.144	0.164	0.185	0.205	0.225	0.244	0.264	0.284	0.303
3400			0.131	0.142	0.153	0.175	0.196	0.217	0.239	0.259	0.280	0.301	0.321
3600			0.139	0.151	0.162	0.185	0.207	0.230	0.252	0.274	0.296	0.318	0.339
3850			0.149	0.161	0.173	0.198	0.222	0.245	0.269	0.293	0.316	0.338	0.361
4000			0.154	0.167	0.180	0.205	0.230	0.254	0.279	0.303	0.327	0.350	0.373
4200			0.162	0.175	0.189	0.215	0.241	0.267	0.292	0.318	0.342	0.367	0.391
4400			0.169	0.183	0.197	0.225	0.252	0.279	0.305	0.332	0.357	0.382	0.407
4600			0.177	0.192	0.206	0.235	0.263	0.291	0.319	0.346	0.373	0.399	0.424
4800			0.185	0.200	0.215	0.245	0.274	0.303	0.332	0.360	0.387	0.414	0.440
5000					0.224	0.255	0.285	0.315	0.345	0.374	0.402	0.429	0.456
5500					0.245	0.279	0.312	0.345	0.377	0.408	0.438	0.467	0.495
6000					0.266	0.303	0.339	0.373	0.407	0.440	0.472	0.502	0.532
6500					0.288	0.327	0.365	0.402	0.437	0.472	0.505	0.537	0.566
7000					0.309	0.350	0.391	0.429	0.467	0.503	0.537	0.569	0.599
7500					0.330	0.374	0.416	0.456	0.495	0.532	0.567	0.599	0.629
8000					0.351	0.396	0.441	0.483	0.522	0.560	0.595	0.627	0.656
8500					0.370	0.418	0.464	0.507	0.548	0.586	0.621	0.652	0.680
9000					0.391	0.441	0.488	0.532	0.574	0.611	0.646	0.676	0.702
10000					0.429	0.482	0.532	0.578	0.619	0.656	0.688	0.714	0.734

Power rating- (kW) PIX-X'act®-XL Classical Belt with 9.35 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.009	0.010	0.011	0.012	0.013
200	0.008	0.009	0.010	0.011	0.011	0.013	0.015	0.017	0.018	0.020	0.022	0.024	0.025
300	0.013	0.014	0.015	0.017	0.018	0.020	0.023	0.026	0.028	0.031	0.033	0.036	0.039
400	0.017	0.018	0.020	0.022	0.024	0.027	0.031	0.034	0.038	0.041	0.045	0.048	0.051
500	0.021	0.023	0.025	0.027	0.030	0.034	0.038	0.043	0.047	0.051	0.056	0.060	0.064
600	0.025	0.028	0.030	0.033	0.036	0.041	0.046	0.051	0.056	0.061	0.067	0.072	0.077
700	0.029	0.032	0.036	0.039	0.041	0.048	0.054	0.060	0.066	0.072	0.078	0.084	0.090
800	0.034	0.038	0.041	0.045	0.048	0.055	0.062	0.069	0.076	0.082	0.089	0.096	0.103
950	0.041	0.045	0.049	0.053	0.057	0.066	0.074	0.082	0.090	0.098	0.106	0.115	0.123
1100	0.047	0.052	0.057	0.061	0.066	0.076	0.085	0.094	0.104	0.113	0.123	0.132	0.142
1200	0.052	0.057	0.062	0.067	0.072	0.083	0.093	0.103	0.114	0.124	0.134	0.144	0.155
1300	0.056	0.062	0.067	0.073	0.078	0.090	0.101	0.112	0.123	0.134	0.145	0.157	0.168
1450		0.068	0.074	0.081	0.087	0.099	0.112	0.124	0.137	0.149	0.162	0.174	0.186
1600		0.076	0.082	0.089	0.096	0.110	0.124	0.137	0.151	0.165	0.178	0.192	0.206
1800		0.085	0.092	0.100	0.108	0.123	0.139	0.154	0.170	0.185	0.200	0.216	0.231
2000		0.095	0.103	0.112	0.121	0.138	0.155	0.172	0.189	0.206	0.223	0.240	0.257
2200		0.104	0.113	0.123	0.132	0.151	0.170	0.189	0.207	0.226	0.245	0.263	0.281
2400		0.113	0.124	0.134	0.144	0.165	0.185	0.206	0.226	0.246	0.267	0.286	0.306
2600		0.123	0.134	0.145	0.157	0.179	0.201	0.223	0.245	0.267	0.288	0.310	0.332
2850			0.147	0.159	0.171	0.195	0.220	0.244	0.267	0.291	0.315	0.338	0.361
3000			0.155	0.168	0.181	0.206	0.231	0.257	0.282	0.307	0.332	0.356	0.380
3200			0.165	0.178	0.192	0.219	0.246	0.273	0.300	0.326	0.352	0.378	0.404
3400			0.175	0.190	0.204	0.233	0.262	0.290	0.318	0.346	0.374	0.401	0.428
3600			0.185	0.201	0.216	0.246	0.276	0.306	0.336	0.365	0.395	0.423	0.452
3850			0.198	0.215	0.231	0.263	0.295	0.327	0.359	0.390	0.421	0.451	0.481
4000			0.206	0.222	0.239	0.273	0.306	0.339	0.372	0.404	0.436	0.467	0.498
4200			0.216	0.234	0.251	0.286	0.321	0.356	0.390	0.423	0.456	0.489	0.521
4400			0.226	0.244	0.263	0.300	0.336	0.372	0.407	0.442	0.476	0.510	0.543
4600			0.237	0.256	0.275	0.313	0.351	0.388	0.425	0.461	0.497	0.531	0.566
4800			0.246	0.267	0.286	0.326	0.365	0.404	0.442	0.480	0.516	0.552	0.587
5000					0.298	0.339	0.380	0.420	0.459	0.498	0.536	0.573	0.608
5500					0.327	0.372	0.416	0.460	0.502	0.543	0.584	0.623	0.661
6000					0.355	0.404	0.451	0.498	0.543	0.587	0.629	0.670	0.709
6500					0.384	0.436	0.486	0.535	0.583	0.629	0.673	0.715	0.755
7000					0.412	0.467	0.521	0.573	0.622	0.670	0.716	0.759	0.799
7500					0.440	0.498	0.554	0.608	0.660	0.709	0.755	0.799	0.838
8000					0.468	0.529	0.587	0.643	0.697	0.747	0.793	0.836	0.875
8500					0.494	0.558	0.619	0.676	0.731	0.781	0.828	0.870	0.907
9000					0.521	0.587	0.650	0.710	0.765	0.815	0.861	0.901	0.935
10000					0.572	0.643	0.709	0.770	0.825	0.874	0.917	0.951	0.979

Power rating- (kW) PIX-X'act®-XL Classical Belt with 10.9 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.005	0.006	0.006	0.007	0.007	0.008	0.009	0.011	0.012	0.013	0.014	0.015	0.016
200	0.010	0.011	0.012	0.013	0.014	0.016	0.019	0.021	0.023	0.025	0.027	0.029	0.032
300	0.016	0.018	0.019	0.021	0.022	0.026	0.029	0.032	0.035	0.039	0.042	0.045	0.048
400	0.021	0.023	0.025	0.027	0.029	0.034	0.038	0.043	0.047	0.051	0.056	0.060	0.064
500	0.026	0.029	0.032	0.034	0.037	0.043	0.048	0.053	0.059	0.064	0.070	0.075	0.081
600	0.032	0.035	0.038	0.041	0.044	0.051	0.057	0.064	0.070	0.077	0.083	0.090	0.096
700	0.037	0.041	0.044	0.048	0.052	0.060	0.067	0.075	0.082	0.090	0.097	0.105	0.112
800	0.043	0.047	0.051	0.056	0.060	0.069	0.077	0.086	0.095	0.103	0.112	0.120	0.129
950	0.051	0.056	0.061	0.067	0.071	0.082	0.092	0.102	0.112	0.123	0.133	0.143	0.153
1100	0.059	0.065	0.071	0.077	0.083	0.095	0.106	0.118	0.130	0.142	0.154	0.165	0.177
1200	0.064	0.071	0.077	0.084	0.090	0.103	0.116	0.129	0.142	0.155	0.168	0.181	0.194
1300	0.070	0.077	0.084	0.091	0.098	0.112	0.126	0.140	0.154	0.168	0.182	0.196	0.210
1450		0.085	0.093	0.101	0.109	0.124	0.140	0.155	0.171	0.187	0.202	0.217	0.233
1600		0.095	0.103	0.112	0.120	0.138	0.155	0.172	0.189	0.206	0.223	0.240	0.257
1800		0.106	0.116	0.125	0.135	0.154	0.174	0.193	0.212	0.231	0.251	0.270	0.288
2000		0.118	0.129	0.140	0.151	0.172	0.194	0.215	0.236	0.258	0.279	0.300	0.321
2200		0.130	0.142	0.154	0.165	0.189	0.212	0.236	0.259	0.282	0.306	0.329	0.352
2400		0.142	0.155	0.168	0.180	0.206	0.232	0.257	0.282	0.308	0.333	0.358	0.383
2600		0.154	0.168	0.182	0.196	0.223	0.251	0.279	0.306	0.334	0.361	0.387	0.414
2850			0.183	0.198	0.214	0.244	0.274	0.305	0.334	0.364	0.393	0.423	0.452
3000			0.194	0.210	0.226	0.258	0.289	0.321	0.352	0.383	0.414	0.445	0.475
3200			0.206	0.223	0.240	0.274	0.308	0.341	0.375	0.407	0.440	0.473	0.505
3400			0.219	0.237	0.255	0.291	0.327	0.362	0.398	0.432	0.467	0.501	0.535
3600			0.232	0.251	0.270	0.308	0.345	0.383	0.420	0.457	0.493	0.529	0.565
3850			0.248	0.268	0.289	0.329	0.369	0.409	0.449	0.488	0.526	0.564	0.601
4000			0.257	0.278	0.299	0.341	0.383	0.424	0.465	0.505	0.545	0.584	0.622
4200			0.270	0.292	0.314	0.358	0.401	0.445	0.487	0.529	0.571	0.611	0.651
4400			0.282	0.306	0.329	0.375	0.420	0.465	0.509	0.553	0.595	0.637	0.679
4600			0.296	0.320	0.344	0.392	0.439	0.485	0.531	0.577	0.621	0.664	0.707
4800			0.308	0.333	0.358	0.408	0.457	0.505	0.553	0.600	0.645	0.690	0.734
5000					0.373	0.424	0.475	0.525	0.574	0.623	0.670	0.716	0.761
5500					0.409	0.466	0.520	0.575	0.628	0.679	0.730	0.778	0.826
6000					0.444	0.505	0.564	0.622	0.679	0.734	0.786	0.837	0.886
6500					0.480	0.545	0.608	0.669	0.729	0.786	0.841	0.894	0.944
7000					0.515	0.584	0.651	0.716	0.778	0.838	0.895	0.948	0.998
7500					0.550	0.623	0.693	0.761	0.825	0.887	0.944	0.998	1.048
8000					0.585	0.661	0.734	0.804	0.871	0.933	0.992	1.045	1.093
8500					0.617	0.697	0.774	0.846	0.914	0.977	1.035	1.087	1.133
9000					0.651	0.734	0.813	0.887	0.956	1.019	1.076	1.126	1.169
10000					0.715	0.804	0.886	0.963	1.031	1.093	1.146	1.189	1.223

Power rating- (kW) PIX-X'act®-XL Classical Belt with 12.7 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.006	0.007	0.008	0.008	0.009	0.010	0.011	0.013	0.014	0.015	0.016	0.018	0.019
200	0.012	0.013	0.015	0.016	0.017	0.020	0.023	0.025	0.028	0.030	0.033	0.035	0.038
300	0.019	0.021	0.023	0.025	0.027	0.031	0.034	0.039	0.042	0.046	0.050	0.054	0.058
400	0.025	0.028	0.030	0.033	0.035	0.041	0.046	0.051	0.056	0.061	0.067	0.072	0.077
500	0.032	0.035	0.038	0.041	0.045	0.051	0.058	0.064	0.071	0.077	0.084	0.090	0.097
600	0.038	0.042	0.045	0.049	0.053	0.061	0.069	0.076	0.084	0.092	0.100	0.108	0.116
700	0.044	0.049	0.053	0.058	0.062	0.071	0.081	0.089	0.099	0.108	0.117	0.126	0.135
800	0.051	0.056	0.061	0.067	0.072	0.082	0.092	0.103	0.113	0.123	0.134	0.144	0.155
950	0.061	0.067	0.074	0.080	0.086	0.098	0.110	0.123	0.135	0.147	0.160	0.172	0.184
1100	0.071	0.078	0.085	0.092	0.099	0.113	0.127	0.142	0.156	0.170	0.184	0.198	0.213
1200	0.077	0.085	0.093	0.101	0.108	0.124	0.139	0.155	0.171	0.186	0.202	0.217	0.232
1300	0.084	0.092	0.101	0.109	0.118	0.134	0.151	0.168	0.185	0.202	0.218	0.235	0.252
1450		0.102	0.112	0.121	0.130	0.149	0.168	0.186	0.205	0.224	0.242	0.261	0.279
1600		0.113	0.123	0.134	0.144	0.165	0.186	0.206	0.227	0.247	0.268	0.288	0.309
1800		0.127	0.139	0.150	0.162	0.185	0.208	0.231	0.255	0.278	0.301	0.323	0.346
2000		0.142	0.155	0.168	0.181	0.207	0.232	0.258	0.284	0.309	0.334	0.360	0.385
2200		0.156	0.170	0.184	0.198	0.227	0.255	0.283	0.311	0.339	0.367	0.395	0.422
2400		0.170	0.186	0.201	0.216	0.247	0.278	0.309	0.339	0.370	0.400	0.430	0.459
2600		0.185	0.202	0.218	0.235	0.268	0.302	0.334	0.368	0.400	0.433	0.465	0.497
2850			0.220	0.238	0.257	0.293	0.329	0.365	0.401	0.437	0.472	0.507	0.542
3000			0.232	0.252	0.271	0.309	0.347	0.385	0.423	0.460	0.497	0.534	0.570
3200			0.247	0.267	0.288	0.328	0.369	0.409	0.449	0.489	0.528	0.567	0.606
3400			0.263	0.284	0.306	0.349	0.392	0.435	0.477	0.519	0.560	0.601	0.642
3600			0.278	0.301	0.324	0.370	0.415	0.459	0.504	0.548	0.592	0.635	0.677
3850			0.297	0.322	0.347	0.395	0.443	0.491	0.538	0.585	0.631	0.677	0.722
4000			0.308	0.333	0.359	0.409	0.459	0.509	0.558	0.606	0.654	0.701	0.747
4200			0.324	0.350	0.377	0.430	0.482	0.533	0.585	0.635	0.685	0.733	0.781
4400			0.339	0.367	0.394	0.449	0.504	0.558	0.611	0.663	0.714	0.765	0.814
4600			0.355	0.384	0.412	0.470	0.527	0.583	0.638	0.692	0.745	0.797	0.848
4800			0.370	0.400	0.430	0.489	0.548	0.606	0.664	0.719	0.774	0.828	0.881
5000					0.447	0.509	0.570	0.630	0.689	0.747	0.803	0.859	0.913
5500					0.491	0.559	0.625	0.690	0.753	0.815	0.876	0.934	0.991
6000					0.533	0.606	0.677	0.747	0.814	0.880	0.944	1.005	1.063
6500					0.576	0.654	0.730	0.803	0.875	0.944	1.010	1.073	1.133
7000					0.618	0.701	0.781	0.859	0.934	1.005	1.074	1.138	1.198
7500					0.660	0.747	0.832	0.913	0.990	1.064	1.133	1.198	1.257
8000					0.701	0.793	0.881	0.965	1.045	1.120	1.190	1.254	1.312
8500					0.741	0.837	0.928	1.015	1.096	1.172	1.242	1.305	1.360
9000					0.782	0.881	0.975	1.064	1.147	1.223	1.291	1.352	1.403
10000					0.858	0.964	1.063	1.155	1.238	1.311	1.375	1.427	1.468

Power rating- (kW) PIX-X'act®-XL Classical Belt with 15.7 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.008	0.009	0.010	0.011	0.012	0.014	0.015	0.017	0.019	0.021	0.022	0.024	0.026
200	0.017	0.018	0.020	0.022	0.023	0.027	0.031	0.034	0.038	0.041	0.044	0.048	0.052
300	0.026	0.029	0.031	0.034	0.036	0.042	0.047	0.052	0.058	0.063	0.068	0.074	0.079
400	0.034	0.038	0.041	0.044	0.048	0.055	0.062	0.070	0.076	0.083	0.091	0.097	0.104
500	0.043	0.047	0.052	0.056	0.060	0.070	0.078	0.087	0.096	0.104	0.113	0.122	0.131
600	0.051	0.056	0.062	0.067	0.072	0.083	0.093	0.104	0.115	0.125	0.136	0.146	0.157
700	0.060	0.066	0.072	0.079	0.084	0.097	0.109	0.121	0.134	0.146	0.158	0.170	0.183
800	0.070	0.076	0.083	0.091	0.097	0.112	0.125	0.140	0.154	0.168	0.182	0.196	0.210
950	0.083	0.091	0.100	0.108	0.116	0.133	0.150	0.166	0.183	0.200	0.217	0.233	0.250
1100	0.096	0.105	0.115	0.125	0.135	0.154	0.173	0.192	0.211	0.231	0.250	0.269	0.288
1200	0.105	0.116	0.126	0.137	0.147	0.168	0.189	0.210	0.231	0.253	0.274	0.294	0.315
1300	0.114	0.125	0.137	0.148	0.160	0.182	0.205	0.228	0.251	0.274	0.296	0.319	0.341
1450		0.139	0.152	0.164	0.177	0.202	0.227	0.253	0.278	0.304	0.329	0.354	0.379
1600		0.154	0.168	0.182	0.196	0.224	0.252	0.280	0.308	0.336	0.363	0.391	0.419
1800		0.172	0.188	0.204	0.220	0.251	0.283	0.314	0.345	0.377	0.408	0.439	0.470
2000		0.193	0.210	0.228	0.246	0.280	0.315	0.350	0.385	0.420	0.454	0.488	0.523
2200		0.211	0.231	0.250	0.269	0.308	0.346	0.384	0.422	0.460	0.498	0.536	0.573
2400		0.231	0.252	0.273	0.294	0.336	0.377	0.419	0.460	0.502	0.543	0.583	0.624
2600		0.251	0.274	0.296	0.319	0.364	0.409	0.454	0.499	0.543	0.587	0.631	0.675
2850			0.299	0.323	0.348	0.397	0.447	0.496	0.544	0.593	0.641	0.689	0.736
3000			0.315	0.341	0.368	0.420	0.471	0.523	0.573	0.624	0.675	0.724	0.774
3200			0.335	0.363	0.390	0.446	0.501	0.555	0.610	0.663	0.717	0.770	0.823
3400			0.356	0.386	0.416	0.474	0.532	0.590	0.648	0.704	0.760	0.816	0.872
3600			0.377	0.409	0.439	0.502	0.563	0.624	0.684	0.744	0.803	0.862	0.919
3850			0.404	0.437	0.470	0.536	0.601	0.666	0.731	0.794	0.857	0.918	0.979
4000			0.418	0.453	0.487	0.555	0.623	0.690	0.757	0.823	0.887	0.951	1.013
4200			0.439	0.475	0.512	0.583	0.654	0.724	0.793	0.862	0.929	0.995	1.060
4400			0.459	0.498	0.535	0.610	0.683	0.757	0.829	0.900	0.970	1.038	1.105
4600			0.482	0.521	0.560	0.638	0.715	0.791	0.865	0.939	1.011	1.082	1.151
4800			0.502	0.543	0.583	0.664	0.744	0.823	0.901	0.976	1.051	1.124	1.195
5000					0.607	0.691	0.773	0.855	0.935	1.014	1.090	1.166	1.239
5500					0.666	0.758	0.848	0.936	1.022	1.106	1.188	1.268	1.345
6000					0.723	0.823	0.919	1.013	1.105	1.195	1.281	1.363	1.443
6500					0.781	0.887	0.990	1.090	1.187	1.281	1.370	1.456	1.537
7000					0.839	0.951	1.060	1.166	1.267	1.364	1.457	1.544	1.626
7500					0.895	1.014	1.129	1.239	1.344	1.444	1.538	1.626	1.707
8000					0.952	1.076	1.196	1.310	1.418	1.520	1.615	1.702	1.781
8500					1.005	1.135	1.260	1.377	1.488	1.591	1.685	1.770	1.846
9000					1.061	1.196	1.324	1.444	1.557	1.659	1.752	1.834	1.904
10000					1.165	1.309	1.443	1.568	1.680	1.780	1.866	1.937	1.992

Power rating- (kW) PIX-X'act®-XL Classical Belt with 19.05 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.010	0.011	0.013	0.013	0.015	0.017	0.019	0.021	0.023	0.026	0.028	0.030	0.032
200	0.021	0.023	0.025	0.027	0.029	0.033	0.038	0.043	0.047	0.051	0.055	0.060	0.065
300	0.032	0.036	0.039	0.042	0.045	0.052	0.058	0.065	0.072	0.078	0.084	0.092	0.098
400	0.043	0.047	0.051	0.055	0.060	0.069	0.077	0.087	0.095	0.104	0.113	0.121	0.130
500	0.053	0.059	0.065	0.070	0.075	0.087	0.097	0.108	0.119	0.130	0.141	0.152	0.163
600	0.064	0.070	0.077	0.083	0.090	0.103	0.116	0.129	0.143	0.155	0.169	0.182	0.195
700	0.075	0.082	0.090	0.098	0.105	0.121	0.136	0.151	0.167	0.182	0.197	0.212	0.228
800	0.087	0.095	0.104	0.113	0.121	0.139	0.156	0.174	0.192	0.209	0.226	0.244	0.261
950	0.104	0.114	0.124	0.135	0.145	0.166	0.187	0.207	0.228	0.249	0.270	0.290	0.311
1100	0.119	0.131	0.143	0.155	0.168	0.192	0.215	0.239	0.263	0.288	0.312	0.335	0.359
1200	0.131	0.144	0.157	0.170	0.183	0.209	0.236	0.262	0.288	0.315	0.341	0.366	0.393
1300	0.142	0.156	0.170	0.185	0.199	0.227	0.256	0.284	0.312	0.341	0.368	0.397	0.425
1450		0.173	0.189	0.204	0.220	0.252	0.283	0.315	0.346	0.378	0.410	0.441	0.472
1600		0.192	0.209	0.226	0.244	0.279	0.314	0.349	0.383	0.418	0.452	0.487	0.522
1800		0.214	0.234	0.254	0.274	0.313	0.352	0.391	0.430	0.469	0.508	0.547	0.585
2000		0.240	0.262	0.284	0.306	0.349	0.393	0.436	0.479	0.523	0.565	0.608	0.651
2200		0.263	0.288	0.312	0.335	0.383	0.431	0.479	0.526	0.573	0.621	0.667	0.714
2400		0.288	0.314	0.340	0.366	0.418	0.470	0.522	0.573	0.625	0.676	0.726	0.777
2600		0.312	0.341	0.368	0.397	0.453	0.510	0.565	0.621	0.677	0.731	0.786	0.841
2850			0.372	0.403	0.434	0.495	0.557	0.618	0.678	0.738	0.798	0.858	0.917
3000			0.393	0.425	0.458	0.523	0.586	0.651	0.714	0.777	0.841	0.902	0.964
3200			0.417	0.452	0.486	0.555	0.624	0.692	0.760	0.826	0.893	0.959	1.025
3400			0.444	0.481	0.518	0.590	0.663	0.735	0.807	0.877	0.947	1.017	1.086
3600			0.470	0.509	0.547	0.625	0.701	0.777	0.852	0.927	1.000	1.074	1.145
3850			0.503	0.545	0.586	0.668	0.749	0.830	0.910	0.989	1.067	1.144	1.220
4000			0.521	0.564	0.607	0.692	0.776	0.860	0.943	1.025	1.105	1.184	1.262
4200			0.547	0.592	0.638	0.726	0.814	0.902	0.988	1.074	1.157	1.240	1.321
4400			0.572	0.620	0.667	0.760	0.851	0.943	1.032	1.121	1.208	1.293	1.377
4600			0.600	0.649	0.697	0.794	0.890	0.985	1.078	1.170	1.260	1.348	1.434
4800			0.625	0.676	0.726	0.827	0.927	1.025	1.122	1.216	1.309	1.400	1.489
5000					0.756	0.861	0.963	1.065	1.165	1.263	1.358	1.452	1.543
5500					0.830	0.944	1.056	1.166	1.273	1.378	1.480	1.579	1.675
6000					0.901	1.025	1.145	1.262	1.377	1.488	1.595	1.698	1.798
6500					0.973	1.105	1.233	1.358	1.479	1.595	1.707	1.814	1.915
7000					1.045	1.185	1.321	1.452	1.578	1.699	1.815	1.923	2.025
7500					1.115	1.263	1.406	1.543	1.674	1.798	1.916	2.025	2.126
8000					1.186	1.340	1.490	1.632	1.766	1.894	2.011	2.120	2.218
8500					1.252	1.414	1.569	1.715	1.853	1.982	2.099	2.205	2.299
9000					1.321	1.490	1.649	1.799	1.939	2.067	2.183	2.285	2.372
10000					1.451	1.630	1.798	1.953	2.092	2.217	2.325	2.413	2.481

Power rating- (kW) PIX-X'act®-XL Classical Belt with 22.1 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.012	0.014	0.015	0.016	0.018	0.021	0.023	0.026	0.028	0.031	0.034	0.036	0.039
200	0.025	0.028	0.030	0.033	0.035	0.040	0.046	0.052	0.057	0.062	0.067	0.072	0.078
300	0.039	0.043	0.047	0.051	0.055	0.063	0.071	0.079	0.087	0.095	0.102	0.111	0.119
400	0.052	0.057	0.062	0.067	0.072	0.083	0.094	0.105	0.115	0.126	0.137	0.147	0.157
500	0.065	0.071	0.078	0.084	0.091	0.105	0.118	0.131	0.144	0.157	0.171	0.184	0.198
600	0.077	0.085	0.093	0.101	0.109	0.125	0.141	0.157	0.173	0.188	0.205	0.220	0.237
700	0.090	0.100	0.109	0.119	0.127	0.146	0.165	0.183	0.202	0.220	0.239	0.257	0.276
800	0.105	0.115	0.126	0.137	0.147	0.169	0.189	0.211	0.232	0.253	0.274	0.296	0.316
950	0.126	0.138	0.151	0.163	0.175	0.201	0.226	0.251	0.276	0.302	0.327	0.352	0.377
1100	0.144	0.159	0.174	0.188	0.203	0.232	0.261	0.290	0.319	0.348	0.378	0.406	0.435
1200	0.158	0.175	0.190	0.206	0.222	0.254	0.286	0.317	0.349	0.381	0.413	0.444	0.476
1300	0.172	0.189	0.206	0.224	0.241	0.275	0.310	0.344	0.378	0.413	0.446	0.481	0.515
1450		0.209	0.229	0.248	0.267	0.305	0.343	0.382	0.420	0.458	0.496	0.534	0.572
1600		0.232	0.253	0.274	0.296	0.338	0.380	0.422	0.464	0.507	0.548	0.590	0.632
1800		0.260	0.284	0.308	0.332	0.379	0.427	0.474	0.521	0.568	0.616	0.662	0.709
2000		0.291	0.317	0.344	0.371	0.423	0.476	0.528	0.581	0.633	0.685	0.737	0.789
2200		0.319	0.348	0.378	0.406	0.464	0.522	0.580	0.637	0.694	0.752	0.808	0.864
2400		0.348	0.380	0.412	0.443	0.507	0.569	0.632	0.694	0.757	0.819	0.880	0.941
2600		0.378	0.413	0.446	0.481	0.549	0.617	0.685	0.753	0.820	0.886	0.952	1.018
2850			0.451	0.488	0.525	0.599	0.674	0.748	0.821	0.894	0.967	1.039	1.110
3000			0.476	0.515	0.555	0.633	0.710	0.789	0.865	0.942	1.018	1.093	1.168
3200			0.506	0.547	0.589	0.673	0.756	0.838	0.920	1.001	1.082	1.162	1.241
3400			0.538	0.582	0.627	0.715	0.803	0.890	0.977	1.062	1.147	1.232	1.315
3600			0.569	0.617	0.663	0.757	0.849	0.941	1.032	1.122	1.212	1.300	1.387
3850			0.609	0.660	0.710	0.809	0.907	1.005	1.103	1.198	1.293	1.385	1.477
4000			0.631	0.683	0.735	0.838	0.940	1.041	1.142	1.241	1.338	1.434	1.529
4200			0.663	0.717	0.772	0.880	0.986	1.092	1.197	1.300	1.402	1.502	1.600
4400			0.693	0.751	0.808	0.920	1.031	1.142	1.250	1.358	1.463	1.566	1.668
4600			0.727	0.786	0.845	0.962	1.078	1.193	1.305	1.417	1.526	1.632	1.737
4800			0.757	0.819	0.880	1.002	1.122	1.242	1.359	1.473	1.586	1.696	1.803
5000					0.916	1.042	1.167	1.290	1.411	1.530	1.645	1.759	1.869
5500					1.005	1.144	1.279	1.412	1.542	1.669	1.793	1.913	2.029
6000					1.091	1.241	1.386	1.529	1.668	1.803	1.932	2.057	2.178
6500					1.179	1.338	1.494	1.644	1.791	1.932	2.067	2.197	2.319
7000					1.266	1.435	1.600	1.759	1.912	2.058	2.198	2.330	2.453
7500					1.351	1.530	1.703	1.869	2.028	2.178	2.320	2.453	2.575
8000					1.436	1.624	1.804	1.976	2.140	2.294	2.436	2.568	2.687
8500					1.517	1.713	1.901	2.078	2.245	2.400	2.542	2.671	2.785
9000					1.600	1.804	1.997	2.179	2.349	2.503	2.644	2.767	2.873
10000					1.758	1.975	2.178	2.365	2.534	2.685	2.816	2.922	3.006

Power rating- (kW) PIX-X'act®-XL Classical Belt with 25.4 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.014	0.016	0.018	0.019	0.021	0.024	0.027	0.030	0.033	0.036	0.039	0.042	0.045
200	0.029	0.032	0.035	0.038	0.041	0.047	0.054	0.060	0.066	0.072	0.078	0.084	0.091
300	0.045	0.050	0.055	0.059	0.064	0.073	0.082	0.092	0.101	0.110	0.119	0.129	0.138
400	0.060	0.066	0.072	0.078	0.084	0.097	0.109	0.122	0.134	0.146	0.159	0.171	0.183
500	0.075	0.083	0.091	0.098	0.106	0.122	0.137	0.152	0.168	0.183	0.199	0.214	0.230
600	0.090	0.099	0.108	0.117	0.127	0.145	0.164	0.182	0.201	0.219	0.238	0.256	0.275
700	0.105	0.116	0.127	0.138	0.148	0.170	0.192	0.213	0.235	0.256	0.278	0.299	0.321
800	0.122	0.134	0.146	0.159	0.171	0.196	0.220	0.245	0.270	0.294	0.319	0.344	0.368
950	0.146	0.160	0.175	0.190	0.204	0.234	0.263	0.292	0.321	0.351	0.380	0.409	0.438
1100	0.168	0.185	0.202	0.219	0.236	0.270	0.303	0.337	0.371	0.405	0.439	0.472	0.506
1200	0.184	0.203	0.221	0.240	0.258	0.295	0.332	0.369	0.406	0.443	0.480	0.516	0.553
1300	0.200	0.220	0.240	0.260	0.280	0.320	0.360	0.400	0.440	0.480	0.519	0.559	0.599
1450		0.243	0.266	0.288	0.310	0.355	0.399	0.444	0.488	0.533	0.577	0.621	0.665
1600		0.270	0.294	0.319	0.344	0.393	0.442	0.491	0.540	0.589	0.637	0.686	0.735
1800		0.302	0.330	0.358	0.386	0.441	0.496	0.551	0.606	0.661	0.716	0.770	0.824
2000		0.338	0.369	0.400	0.431	0.492	0.553	0.614	0.675	0.736	0.796	0.857	0.917
2200		0.371	0.405	0.439	0.472	0.540	0.607	0.674	0.741	0.807	0.874	0.940	1.005
2400		0.405	0.442	0.479	0.515	0.589	0.662	0.735	0.807	0.880	0.952	1.023	1.094
2600		0.440	0.480	0.519	0.559	0.638	0.718	0.796	0.875	0.953	1.030	1.107	1.184
2850			0.524	0.567	0.611	0.697	0.784	0.870	0.955	1.040	1.124	1.208	1.291
3000			0.553	0.599	0.645	0.736	0.826	0.917	1.006	1.095	1.184	1.271	1.358
3200			0.588	0.636	0.685	0.782	0.879	0.974	1.070	1.164	1.258	1.351	1.443
3400			0.625	0.677	0.729	0.831	0.934	1.035	1.136	1.235	1.334	1.432	1.529
3600			0.662	0.717	0.771	0.880	0.987	1.094	1.200	1.305	1.409	1.512	1.613
3850			0.708	0.767	0.825	0.941	1.055	1.169	1.282	1.393	1.503	1.611	1.718
4000			0.734	0.794	0.855	0.974	1.093	1.211	1.328	1.443	1.556	1.668	1.778
4200			0.771	0.834	0.898	1.023	1.147	1.270	1.392	1.512	1.630	1.746	1.860
4400			0.806	0.873	0.939	1.070	1.199	1.328	1.454	1.579	1.701	1.821	1.939
4600			0.845	0.914	0.982	1.119	1.254	1.387	1.518	1.648	1.774	1.898	2.020
4800			0.880	0.952	1.023	1.165	1.305	1.444	1.580	1.713	1.844	1.972	2.097
5000					1.065	1.212	1.357	1.500	1.641	1.779	1.913	2.045	2.173
5500					1.169	1.330	1.487	1.642	1.793	1.941	2.085	2.224	2.359
6000					1.269	1.443	1.612	1.778	1.939	2.096	2.247	2.392	2.532
6500					1.371	1.556	1.737	1.912	2.083	2.247	2.404	2.555	2.697
7000					1.472	1.669	1.860	2.045	2.223	2.393	2.556	2.709	2.852
7500					1.571	1.779	1.980	2.173	2.358	2.533	2.698	2.852	2.994
8000					1.670	1.888	2.098	2.298	2.488	2.667	2.833	2.986	3.124
8500					1.764	1.992	2.210	2.416	2.610	2.791	2.956	3.106	3.238
9000					1.861	2.098	2.322	2.534	2.731	2.911	3.074	3.218	3.341
10000					2.044	2.296	2.532	2.750	2.947	3.122	3.274	3.398	3.495

Power rating- (kW) PIX-X'act®-XL Classical Belt with 31.8mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.018	0.021	0.023	0.025	0.027	0.031	0.035	0.039	0.043	0.046	0.050	0.054	0.058
200	0.037	0.041	0.045	0.049	0.053	0.061	0.070	0.077	0.085	0.093	0.101	0.108	0.117
300	0.058	0.065	0.071	0.076	0.083	0.094	0.106	0.119	0.130	0.142	0.154	0.166	0.178
400	0.077	0.085	0.093	0.101	0.108	0.125	0.141	0.157	0.173	0.188	0.205	0.221	0.236
500	0.097	0.107	0.117	0.126	0.137	0.157	0.177	0.196	0.217	0.236	0.257	0.276	0.297
600	0.116	0.128	0.139	0.151	0.164	0.187	0.212	0.235	0.259	0.283	0.307	0.330	0.355
700	0.135	0.150	0.164	0.178	0.191	0.219	0.248	0.275	0.303	0.330	0.359	0.386	0.414
800	0.157	0.173	0.188	0.205	0.221	0.253	0.284	0.316	0.348	0.379	0.412	0.444	0.475
950	0.188	0.206	0.226	0.245	0.263	0.302	0.339	0.377	0.414	0.453	0.490	0.528	0.565
1100	0.217	0.239	0.261	0.283	0.304	0.348	0.391	0.435	0.479	0.522	0.566	0.609	0.653
1200	0.237	0.262	0.285	0.310	0.333	0.381	0.428	0.476	0.524	0.571	0.619	0.666	0.713
1300	0.258	0.284	0.310	0.335	0.361	0.413	0.464	0.516	0.568	0.619	0.670	0.721	0.773
1450		0.313	0.343	0.372	0.400	0.458	0.515	0.573	0.630	0.688	0.744	0.801	0.858
1600		0.348	0.379	0.412	0.444	0.507	0.570	0.633	0.697	0.760	0.822	0.885	0.948
1800		0.390	0.426	0.462	0.498	0.569	0.640	0.711	0.782	0.853	0.924	0.993	1.063
2000		0.436	0.476	0.516	0.556	0.635	0.713	0.792	0.871	0.949	1.027	1.106	1.183
2200		0.479	0.522	0.566	0.609	0.697	0.783	0.869	0.956	1.041	1.127	1.213	1.296
2400		0.522	0.570	0.618	0.664	0.760	0.854	0.948	1.041	1.135	1.228	1.320	1.411
2600		0.568	0.619	0.670	0.721	0.823	0.926	1.027	1.129	1.229	1.329	1.428	1.527
2850			0.676	0.731	0.788	0.899	1.011	1.122	1.232	1.342	1.450	1.558	1.665
3000			0.713	0.773	0.832	0.949	1.066	1.183	1.298	1.413	1.527	1.640	1.752
3200			0.759	0.820	0.884	1.009	1.134	1.256	1.380	1.502	1.623	1.743	1.861
3400			0.806	0.873	0.940	1.072	1.205	1.335	1.465	1.593	1.721	1.847	1.972
3600			0.854	0.925	0.995	1.135	1.273	1.411	1.548	1.683	1.818	1.950	2.081
3850			0.913	0.989	1.064	1.214	1.361	1.508	1.654	1.797	1.939	2.078	2.216
4000			0.947	1.024	1.103	1.256	1.410	1.562	1.713	1.861	2.007	2.152	2.294
4200			0.995	1.076	1.158	1.320	1.480	1.638	1.796	1.950	2.103	2.252	2.399
4400			1.040	1.126	1.211	1.380	1.547	1.713	1.876	2.037	2.194	2.349	2.501
4600			1.090	1.179	1.267	1.444	1.618	1.789	1.958	2.126	2.288	2.448	2.606
4800			1.135	1.228	1.320	1.503	1.683	1.863	2.038	2.210	2.379	2.544	2.705
5000					1.374	1.563	1.751	1.935	2.117	2.295	2.468	2.638	2.803
5500					1.508	1.716	1.918	2.118	2.313	2.504	2.690	2.869	3.043
6000					1.637	1.861	2.079	2.294	2.501	2.704	2.899	3.086	3.266
6500					1.769	2.007	2.241	2.466	2.687	2.899	3.101	3.296	3.479
7000					1.899	2.153	2.399	2.638	2.868	3.087	3.297	3.495	3.679
7500					2.027	2.295	2.554	2.803	3.042	3.268	3.480	3.679	3.862
8000					2.154	2.436	2.706	2.964	3.210	3.440	3.655	3.852	4.030
8500					2.276	2.570	2.851	3.117	3.367	3.600	3.813	4.007	4.177
9000					2.401	2.706	2.995	3.269	3.523	3.755	3.965	4.151	4.310
10000					2.637	2.962	3.266	3.548	3.802	4.027	4.223	4.383	4.509

Power rating- (kW) PIX-X'act®-XL Classical Belt with 38.1mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	10	11	12	13	14	16	18	20	22	24	26	28	30
100	0.022	0.025	0.028	0.030	0.033	0.037	0.042	0.047	0.051	0.056	0.061	0.066	0.070
200	0.045	0.050	0.055	0.059	0.064	0.073	0.084	0.094	0.103	0.112	0.122	0.131	0.142
300	0.070	0.078	0.086	0.092	0.100	0.114	0.128	0.144	0.158	0.172	0.186	0.201	0.215
400	0.094	0.103	0.112	0.122	0.131	0.151	0.170	0.190	0.209	0.228	0.248	0.267	0.285
500	0.117	0.129	0.142	0.153	0.165	0.190	0.214	0.237	0.262	0.285	0.310	0.334	0.359
600	0.140	0.154	0.168	0.183	0.198	0.226	0.256	0.284	0.314	0.342	0.371	0.399	0.429
700	0.164	0.181	0.198	0.215	0.231	0.265	0.300	0.332	0.367	0.399	0.434	0.466	0.501
800	0.190	0.209	0.228	0.248	0.267	0.306	0.343	0.382	0.421	0.459	0.498	0.537	0.574
950	0.228	0.250	0.273	0.296	0.318	0.365	0.410	0.456	0.501	0.548	0.593	0.638	0.683
1100	0.262	0.289	0.315	0.342	0.368	0.421	0.473	0.526	0.579	0.632	0.685	0.736	0.789
1200	0.287	0.317	0.345	0.374	0.402	0.460	0.518	0.576	0.633	0.691	0.749	0.805	0.863
1300	0.312	0.343	0.374	0.406	0.437	0.499	0.562	0.624	0.686	0.749	0.810	0.872	0.934
1450		0.379	0.415	0.449	0.484	0.554	0.622	0.693	0.761	0.831	0.900	0.969	1.037
1600		0.421	0.459	0.498	0.537	0.613	0.690	0.766	0.842	0.919	0.994	1.070	1.147
1800		0.471	0.515	0.558	0.602	0.688	0.774	0.860	0.945	1.031	1.117	1.201	1.285
2000		0.527	0.576	0.624	0.672	0.768	0.863	0.958	1.053	1.148	1.242	1.337	1.431
2200		0.579	0.632	0.685	0.736	0.842	0.947	1.051	1.156	1.259	1.363	1.466	1.568
2400		0.632	0.690	0.747	0.803	0.919	1.033	1.147	1.259	1.373	1.485	1.596	1.707
2600		0.686	0.749	0.810	0.872	0.995	1.120	1.242	1.365	1.487	1.607	1.727	1.847
2850			0.817	0.885	0.953	1.087	1.223	1.357	1.490	1.622	1.753	1.884	2.014
3000			0.863	0.934	1.006	1.148	1.289	1.431	1.569	1.708	1.847	1.983	2.118
3200			0.917	0.992	1.069	1.220	1.371	1.519	1.669	1.816	1.962	2.108	2.251
3400			0.975	1.056	1.137	1.296	1.457	1.615	1.772	1.927	2.081	2.234	2.385
3600			1.033	1.119	1.203	1.373	1.540	1.707	1.872	2.036	2.198	2.359	2.516
3850			1.104	1.197	1.287	1.468	1.646	1.824	2.000	2.173	2.345	2.513	2.680
4000			1.145	1.239	1.334	1.519	1.705	1.889	2.072	2.251	2.427	2.602	2.774
4200			1.203	1.301	1.401	1.596	1.789	1.981	2.172	2.359	2.543	2.724	2.902
4400			1.257	1.362	1.465	1.669	1.870	2.072	2.268	2.463	2.654	2.841	3.025
4600			1.318	1.426	1.532	1.746	1.956	2.164	2.368	2.571	2.767	2.961	3.151
4800			1.373	1.485	1.596	1.817	2.036	2.253	2.465	2.672	2.877	3.076	3.271
5000					1.661	1.891	2.117	2.340	2.560	2.775	2.984	3.190	3.390
5500					1.824	2.075	2.320	2.562	2.797	3.028	3.253	3.469	3.680
6000					1.980	2.251	2.515	2.774	3.025	3.270	3.505	3.732	3.950
6500					2.139	2.427	2.710	2.983	3.249	3.505	3.750	3.986	4.207
7000					2.296	2.604	2.902	3.190	3.468	3.733	3.987	4.226	4.449
7500					2.451	2.775	3.089	3.390	3.678	3.951	4.209	4.449	4.671
8000					2.605	2.945	3.273	3.585	3.881	4.161	4.419	4.658	4.873
8500					2.752	3.108	3.448	3.769	4.072	4.354	4.611	4.845	5.051
9000					2.903	3.273	3.622	3.953	4.260	4.541	4.795	5.020	5.212
10000					3.189	3.582	3.950	4.290	4.597	4.870	5.107	5.301	5.452

Power rating- (kW)

PIX-X'act®-L Classical Belt with 9.53mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05
200	0.02	0.03	0.03	0.04	0.04	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10
300	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.10	0.11	0.12	0.14	0.15
400	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.12	0.13	0.15	0.17	0.19	0.20
500	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.17	0.18	0.21	0.23	0.25
600	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.20	0.23	0.25	0.28	0.31
700	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.21	0.24	0.27	0.29	0.32	0.35
800	0.10	0.11	0.13	0.15	0.17	0.18	0.20	0.24	0.27	0.30	0.34	0.37	0.40
950	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.28	0.32	0.36	0.40	0.44	0.48
1100	0.14	0.16	0.18	0.21	0.23	0.25	0.28	0.32	0.37	0.42	0.46	0.51	0.55
1200	0.15	0.18	0.20	0.23	0.25	0.28	0.31	0.36	0.41	0.46	0.50	0.55	0.60
1300	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.38	0.43	0.49	0.54	0.59	0.64
1450		0.21	0.24	0.27	0.30	0.33	0.36	0.42	0.48	0.54	0.60	0.66	0.71
1600		0.24	0.27	0.31	0.34	0.37	0.41	0.47	0.54	0.60	0.66	0.72	0.78
1700		0.25	0.29	0.32	0.36	0.40	0.43	0.50	0.57	0.64	0.70	0.76	0.82
1800		0.27	0.30	0.34	0.38	0.42	0.45	0.53	0.60	0.67	0.73	0.80	0.86
1900		0.28	0.32	0.36	0.40	0.44	0.48	0.56	0.63	0.70	0.77	0.84	0.90
2000		0.29	0.33	0.38	0.42	0.46	0.50	0.58	0.66	0.73	0.80	0.87	0.94
2100		0.31	0.35	0.40	0.44	0.48	0.53	0.61	0.69	0.77	0.84	0.91	0.97
2200		0.33	0.37	0.42	0.46	0.51	0.55	0.64	0.72	0.80	0.88	0.95	1.01
2300		0.34	0.39	0.44	0.48	0.53	0.58	0.67	0.75	0.83	0.91	0.98	1.05
2400		0.36	0.41	0.46	0.50	0.55	0.60	0.69	0.78	0.86	0.94	1.01	1.08
2500		0.37	0.42	0.47	0.52	0.57	0.62	0.72	0.81	0.89	0.97	1.04	1.11
2600		0.38	0.43	0.49	0.54	0.59	0.64	0.74	0.83	0.92	1.00	1.07	1.13
2850			0.48	0.54	0.59	0.65	0.70	0.81	0.90	0.99	1.07	1.14	1.20
3000			0.50	0.56	0.62	0.68	0.73	0.84	0.94	1.03	1.11	1.18	1.23
3200			0.53	0.60	0.66	0.72	0.78	0.89	0.99	1.08	1.15	1.22	1.27
3400			0.57	0.64	0.70	0.76	0.82	0.94	1.04	1.13	1.20	1.26	1.30
3600			0.59	0.66	0.73	0.80	0.86	0.97	1.08	1.16	1.23	1.28	1.31
3800			0.63	0.70	0.77	0.84	0.90	1.02	1.12	1.20	1.27	1.30	1.32
4000			0.66	0.73	0.81	0.87	0.94	1.06	1.15	1.23	1.29	1.31	1.31
4200			0.69	0.77	0.84	0.91	0.97	1.09	1.19	1.26	1.30	1.32	1.30
4400			0.72	0.80	0.88	0.95	1.01	1.13	1.22	1.29	1.32	1.31	1.27
4600			0.75	0.83	0.91	0.98	1.04	1.16	1.25	1.30	1.32	1.29	1.23
4800			0.78	0.86	0.94	1.01	1.08	1.19	1.27	1.31	1.32	1.27	1.18
5000					0.97	1.04	1.11	1.22	1.29	1.32	1.30	1.23	1.11
5200					1.00	1.08	1.14	1.24	1.30	1.32	1.28	1.19	1.03
5400					1.03	1.10	1.17	1.26	1.31	1.31	1.25	1.13	0.93
5600					1.06	1.13	1.19	1.28	1.32	1.30	1.21	1.05	0.82
6000					1.11	1.18	1.23	1.30	1.31	1.25	1.11	0.87	0.54

Power rating- (kW) PIX-X'act®-L Classical Belt with 12.7mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.07	0.08	0.09
200	0.04	0.05	0.05	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.16	0.17
300	0.06	0.07	0.08	0.09	0.10	0.12	0.12	0.14	0.17	0.19	0.21	0.24	0.26
400	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.20	0.23	0.26	0.29	0.32	0.35
500	0.10	0.12	0.13	0.15	0.17	0.19	0.21	0.24	0.28	0.32	0.36	0.39	0.43
600	0.13	0.15	0.17	0.20	0.22	0.24	0.26	0.31	0.35	0.39	0.44	0.48	0.52
700	0.14	0.17	0.20	0.23	0.25	0.27	0.30	0.36	0.40	0.46	0.50	0.56	0.60
800	0.17	0.20	0.23	0.26	0.29	0.32	0.35	0.40	0.46	0.52	0.58	0.63	0.69
950	0.21	0.24	0.28	0.31	0.35	0.38	0.42	0.48	0.55	0.62	0.69	0.76	0.83
1100	0.24	0.27	0.32	0.36	0.40	0.44	0.48	0.56	0.63	0.72	0.79	0.87	0.95
1200	0.26	0.31	0.35	0.39	0.44	0.48	0.52	0.61	0.70	0.78	0.86	0.95	1.03
1300	0.27	0.32	0.37	0.42	0.47	0.51	0.56	0.65	0.74	0.84	0.93	1.01	1.10
1450		0.36	0.41	0.47	0.52	0.57	0.62	0.72	0.83	0.93	1.03	1.12	1.21
1600		0.41	0.47	0.52	0.58	0.64	0.70	0.81	0.92	1.03	1.13	1.24	1.34
1700		0.44	0.49	0.56	0.62	0.68	0.74	0.86	0.97	1.09	1.20	1.31	1.41
1800		0.46	0.52	0.59	0.65	0.72	0.78	0.90	1.02	1.14	1.26	1.37	1.47
1900		0.48	0.55	0.62	0.69	0.76	0.83	0.96	1.08	1.20	1.32	1.44	1.55
2000		0.50	0.57	0.64	0.72	0.79	0.85	0.99	1.12	1.25	1.38	1.49	1.60
2100		0.53	0.60	0.68	0.76	0.83	0.90	1.05	1.18	1.32	1.44	1.56	1.67
2200		0.56	0.64	0.72	0.80	0.87	0.95	1.09	1.24	1.37	1.50	1.63	1.74
2300		0.59	0.67	0.75	0.83	0.91	0.99	1.14	1.29	1.43	1.56	1.68	1.80
2400		0.61	0.70	0.78	0.86	0.95	1.03	1.19	1.34	1.48	1.61	1.74	1.85
2500		0.63	0.72	0.81	0.90	0.98	1.07	1.23	1.38	1.53	1.66	1.79	1.90
2600		0.65	0.74	0.84	0.93	1.01	1.10	1.27	1.43	1.57	1.71	1.83	1.94
2850			0.83	0.92	1.02	1.11	1.20	1.38	1.55	1.70	1.84	1.96	2.06
3000			0.86	0.96	1.07	1.16	1.26	1.44	1.61	1.76	1.90	2.02	2.11
3200			0.92	1.02	1.13	1.23	1.33	1.52	1.69	1.85	1.98	2.09	2.17
3400			0.97	1.09	1.20	1.31	1.41	1.60	1.78	1.93	2.05	2.16	2.22
3600			1.02	1.14	1.25	1.36	1.47	1.67	1.84	1.99	2.11	2.19	2.24
3800			1.08	1.20	1.32	1.44	1.55	1.75	1.92	2.06	2.17	2.24	2.26
4000			1.13	1.26	1.38	1.50	1.61	1.81	1.98	2.11	2.20	2.25	2.25
4200			1.18	1.32	1.44	1.56	1.67	1.87	2.04	2.16	2.24	2.26	2.22
4400			1.24	1.37	1.50	1.63	1.74	1.94	2.09	2.20	2.26	2.25	2.18
4600			1.28	1.42	1.56	1.68	1.79	1.99	2.14	2.23	2.26	2.22	2.10
4800			1.34	1.48	1.61	1.74	1.85	2.04	2.18	2.25	2.26	2.18	2.02
5000					1.67	1.79	1.91	2.09	2.21	2.26	2.23	2.12	1.90
5200					1.72	1.84	1.95	2.13	2.24	2.26	2.20	2.04	1.76
5400					1.77	1.89	2.00	2.16	2.25	2.25	2.15	1.93	1.60
5600					1.81	1.93	2.04	2.19	2.26	2.22	2.08	1.80	1.40
6000					1.90	2.02	2.11	2.24	2.25	2.14	1.90	1.50	0.93

Power rating- (kW)

PIX-X'act®-L Classical Belt with 15.7mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.08	0.09	0.10
200	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.12	0.14	0.15	0.17	0.19	0.21
300	0.07	0.08	0.10	0.11	0.12	0.14	0.15	0.17	0.20	0.23	0.25	0.28	0.31
400	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.24	0.27	0.31	0.35	0.38	0.42
500	0.11	0.14	0.16	0.18	0.21	0.22	0.25	0.29	0.34	0.38	0.42	0.47	0.51
600	0.15	0.18	0.21	0.23	0.26	0.29	0.31	0.36	0.42	0.47	0.52	0.57	0.62
700	0.17	0.21	0.23	0.27	0.30	0.32	0.36	0.42	0.48	0.54	0.60	0.66	0.72
800	0.20	0.23	0.27	0.31	0.34	0.38	0.41	0.48	0.55	0.62	0.68	0.75	0.82
950	0.25	0.29	0.33	0.37	0.41	0.45	0.50	0.58	0.66	0.74	0.82	0.90	0.98
1100	0.28	0.32	0.38	0.42	0.47	0.52	0.56	0.66	0.75	0.85	0.94	1.03	1.12
1200	0.31	0.36	0.42	0.47	0.52	0.57	0.62	0.72	0.83	0.93	1.03	1.13	1.22
1300	0.32	0.38	0.44	0.50	0.55	0.61	0.66	0.78	0.88	0.99	1.10	1.20	1.31
1450		0.43	0.49	0.55	0.62	0.68	0.74	0.86	0.99	1.10	1.22	1.33	1.44
1600		0.48	0.55	0.62	0.69	0.76	0.83	0.96	1.09	1.22	1.35	1.47	1.59
1700		0.52	0.59	0.66	0.74	0.81	0.88	1.02	1.16	1.29	1.43	1.55	1.68
1800		0.54	0.62	0.70	0.77	0.85	0.92	1.07	1.21	1.36	1.49	1.62	1.75
1900		0.58	0.66	0.74	0.82	0.90	0.98	1.13	1.28	1.43	1.57	1.71	1.84
2000		0.59	0.68	0.76	0.85	0.93	1.01	1.18	1.33	1.49	1.64	1.77	1.90
2100		0.63	0.72	0.81	0.90	0.99	1.07	1.24	1.40	1.56	1.71	1.85	1.98
2200		0.67	0.76	0.86	0.95	1.04	1.13	1.30	1.47	1.63	1.78	1.93	2.06
2300		0.70	0.79	0.89	0.99	1.08	1.17	1.36	1.53	1.69	1.85	2.00	2.13
2400		0.72	0.83	0.93	1.03	1.13	1.22	1.41	1.59	1.76	1.92	2.06	2.20
2500		0.75	0.86	0.96	1.07	1.16	1.27	1.46	1.64	1.81	1.97	2.12	2.26
2600		0.78	0.88	0.99	1.10	1.20	1.31	1.50	1.69	1.86	2.03	2.18	2.31
2850			0.98	1.09	1.21	1.32	1.43	1.64	1.84	2.02	2.18	2.33	2.45
3000			1.02	1.15	1.27	1.38	1.49	1.71	1.91	2.09	2.26	2.39	2.51
3200			1.09	1.21	1.34	1.46	1.58	1.81	2.01	2.19	2.35	2.48	2.58
3400			1.16	1.29	1.43	1.55	1.68	1.90	2.11	2.29	2.44	2.56	2.64
3600			1.21	1.35	1.49	1.62	1.74	1.98	2.19	2.37	2.50	2.60	2.66
3800			1.28	1.43	1.57	1.71	1.84	2.07	2.28	2.45	2.58	2.66	2.68
4000			1.34	1.49	1.64	1.78	1.91	2.15	2.35	2.51	2.62	2.67	2.67
4200			1.40	1.56	1.71	1.85	1.98	2.22	2.42	2.57	2.66	2.68	2.64
4400			1.47	1.63	1.78	1.93	2.06	2.30	2.49	2.62	2.68	2.67	2.59
4600			1.52	1.69	1.85	2.00	2.13	2.36	2.54	2.64	2.68	2.63	2.50
4800			1.59	1.76	1.92	2.06	2.20	2.43	2.59	2.67	2.68	2.59	2.39
5000					1.98	2.13	2.26	2.48	2.62	2.68	2.65	2.51	2.26
5200					2.04	2.19	2.32	2.53	2.66	2.68	2.61	2.42	2.09
5400					2.10	2.25	2.38	2.57	2.67	2.67	2.55	2.30	1.90
5600					2.15	2.30	2.42	2.60	2.68	2.64	2.47	2.14	1.66
6000					2.26	2.39	2.51	2.66	2.67	2.54	2.25	1.78	1.11

Power rating- (kW)

PIX-X'act®-L Classical Belt with 19.05mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.03	0.03	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11	0.13
200	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.26
300	0.09	0.10	0.12	0.13	0.15	0.17	0.18	0.21	0.25	0.28	0.31	0.35	0.38
400	0.13	0.15	0.17	0.19	0.21	0.23	0.26	0.30	0.34	0.39	0.43	0.48	0.52
500	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.36	0.42	0.47	0.53	0.58	0.63
600	0.19	0.22	0.26	0.29	0.32	0.36	0.39	0.45	0.52	0.58	0.65	0.71	0.77
700	0.21	0.26	0.29	0.33	0.37	0.40	0.45	0.53	0.60	0.67	0.75	0.82	0.89
800	0.25	0.29	0.33	0.38	0.43	0.47	0.51	0.60	0.68	0.77	0.85	0.94	1.02
950	0.31	0.36	0.41	0.46	0.51	0.56	0.62	0.72	0.82	0.92	1.02	1.12	1.22
1100	0.35	0.40	0.47	0.53	0.59	0.65	0.70	0.82	0.94	1.06	1.17	1.29	1.40
1200	0.39	0.45	0.52	0.58	0.65	0.71	0.77	0.90	1.03	1.16	1.28	1.41	1.52
1300	0.40	0.48	0.55	0.62	0.69	0.76	0.82	0.97	1.10	1.24	1.37	1.50	1.63
1450		0.53	0.61	0.69	0.77	0.84	0.92	1.07	1.23	1.37	1.52	1.66	1.80
1600		0.60	0.69	0.77	0.86	0.94	1.03	1.20	1.36	1.52	1.68	1.83	1.98
1700		0.65	0.73	0.82	0.92	1.01	1.09	1.27	1.44	1.61	1.78	1.93	2.09
1800		0.67	0.77	0.87	0.96	1.06	1.15	1.33	1.51	1.69	1.86	2.02	2.18
1900		0.72	0.82	0.92	1.02	1.12	1.22	1.41	1.60	1.78	1.96	2.13	2.29
2000		0.74	0.84	0.95	1.06	1.16	1.26	1.47	1.66	1.85	2.04	2.21	2.37
2100		0.79	0.89	1.01	1.12	1.23	1.33	1.55	1.75	1.95	2.13	2.31	2.47
2200		0.83	0.94	1.07	1.18	1.29	1.41	1.62	1.83	2.03	2.22	2.41	2.57
2300		0.87	0.99	1.11	1.23	1.35	1.46	1.69	1.90	2.11	2.31	2.49	2.66
2400		0.90	1.03	1.16	1.28	1.41	1.52	1.75	1.98	2.19	2.39	2.57	2.74
2500		0.94	1.07	1.20	1.33	1.45	1.58	1.82	2.04	2.26	2.46	2.64	2.81
2600		0.97	1.10	1.24	1.37	1.50	1.63	1.87	2.11	2.32	2.53	2.71	2.88
2850			1.22	1.36	1.51	1.65	1.78	2.04	2.29	2.51	2.72	2.90	3.05
3000			1.27	1.43	1.58	1.72	1.86	2.13	2.38	2.61	2.81	2.98	3.12
3200			1.36	1.51	1.67	1.82	1.97	2.25	2.51	2.73	2.93	3.09	3.22
3400			1.44	1.61	1.78	1.93	2.09	2.37	2.63	2.85	3.04	3.19	3.29
3600			1.51	1.68	1.85	2.02	2.17	2.46	2.73	2.95	3.12	3.24	3.32
3800			1.60	1.78	1.96	2.13	2.29	2.58	2.84	3.05	3.21	3.31	3.34
4000			1.67	1.86	2.04	2.22	2.38	2.68	2.93	3.12	3.26	3.33	3.33
4200			1.75	1.95	2.13	2.31	2.47	2.77	3.02	3.20	3.31	3.34	3.29
4400			1.83	2.03	2.22	2.41	2.57	2.87	3.10	3.26	3.34	3.33	3.22
4600			1.90	2.10	2.30	2.49	2.65	2.94	3.16	3.29	3.34	3.28	3.11
4800			1.98	2.19	2.39	2.57	2.74	3.02	3.22	3.33	3.34	3.22	2.98
5000					2.46	2.65	2.82	3.09	3.27	3.34	3.30	3.13	2.81
5200					2.54	2.73	2.89	3.15	3.31	3.34	3.25	3.01	2.61
5400					2.61	2.80	2.96	3.20	3.33	3.33	3.17	2.86	2.36
5600					2.68	2.86	3.02	3.24	3.34	3.29	3.07	2.67	2.07
6000					2.81	2.98	3.12	3.31	3.33	3.17	2.80	2.22	1.38

Power rating- (kW) PIX-X'act®-L Classical Belt with 22.1mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.03	0.03	0.04	0.05	0.06	0.07	0.07	0.09	0.09	0.11	0.12	0.14	0.15
200	0.07	0.09	0.09	0.11	0.12	0.14	0.15	0.18	0.21	0.23	0.26	0.28	0.31
300	0.10	0.12	0.15	0.16	0.18	0.21	0.22	0.26	0.30	0.34	0.38	0.42	0.46
400	0.15	0.18	0.21	0.23	0.26	0.28	0.31	0.36	0.41	0.47	0.52	0.58	0.63
500	0.17	0.21	0.24	0.28	0.31	0.34	0.37	0.44	0.51	0.57	0.64	0.71	0.77
600	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.55	0.63	0.71	0.78	0.86	0.94
700	0.26	0.31	0.35	0.40	0.45	0.49	0.54	0.64	0.72	0.82	0.90	1.00	1.08
800	0.30	0.35	0.40	0.46	0.52	0.57	0.62	0.72	0.83	0.93	1.03	1.14	1.24
950	0.37	0.43	0.50	0.56	0.62	0.68	0.75	0.87	0.99	1.12	1.24	1.36	1.48
1100	0.42	0.49	0.57	0.64	0.71	0.78	0.85	1.00	1.14	1.28	1.42	1.56	1.69
1200	0.47	0.55	0.63	0.71	0.78	0.86	0.94	1.09	1.25	1.40	1.55	1.70	1.84
1300	0.49	0.58	0.66	0.75	0.83	0.92	1.00	1.17	1.33	1.50	1.66	1.81	1.97
1450		0.65	0.74	0.83	0.93	1.02	1.12	1.30	1.49	1.66	1.84	2.01	2.18
1600		0.73	0.83	0.94	1.04	1.14	1.25	1.45	1.65	1.84	2.03	2.22	2.40
1700		0.78	0.89	1.00	1.11	1.22	1.32	1.54	1.75	1.95	2.15	2.34	2.53
1800		0.82	0.93	1.05	1.16	1.28	1.39	1.62	1.83	2.05	2.25	2.45	2.64
1900		0.87	0.99	1.12	1.24	1.36	1.48	1.71	1.94	2.16	2.37	2.58	2.78
2000		0.89	1.02	1.15	1.28	1.41	1.53	1.78	2.01	2.24	2.47	2.67	2.87
2100		0.95	1.08	1.22	1.36	1.49	1.62	1.87	2.12	2.36	2.58	2.80	2.99
2200		1.01	1.14	1.29	1.43	1.57	1.70	1.96	2.22	2.46	2.69	2.92	3.11
2300		1.05	1.20	1.34	1.49	1.63	1.77	2.05	2.30	2.55	2.80	3.02	3.22
2400		1.09	1.25	1.40	1.55	1.70	1.84	2.12	2.40	2.65	2.89	3.11	3.32
2500		1.14	1.29	1.45	1.61	1.75	1.91	2.20	2.48	2.73	2.98	3.20	3.41
2600		1.17	1.33	1.50	1.66	1.81	1.97	2.27	2.55	2.81	3.06	3.29	3.48
2850			1.48	1.65	1.82	2.00	2.16	2.48	2.78	3.04	3.29	3.51	3.70
3000			1.54	1.73	1.91	2.08	2.25	2.58	2.88	3.16	3.41	3.61	3.78
3200			1.64	1.83	2.02	2.21	2.39	2.73	3.04	3.31	3.54	3.74	3.90
3400			1.75	1.95	2.15	2.34	2.53	2.87	3.18	3.46	3.68	3.86	3.98
3600			1.82	2.04	2.24	2.44	2.63	2.98	3.30	3.57	3.78	3.93	4.02
3800			1.94	2.16	2.37	2.58	2.78	3.13	3.44	3.70	3.89	4.01	4.05
4000			2.02	2.25	2.48	2.68	2.88	3.24	3.54	3.78	3.95	4.03	4.03
4200			2.12	2.36	2.58	2.80	2.99	3.35	3.66	3.87	4.01	4.04	3.98
4400			2.22	2.46	2.69	2.92	3.11	3.47	3.75	3.95	4.04	4.03	3.90
4600			2.30	2.55	2.79	3.01	3.21	3.56	3.83	3.99	4.04	3.97	3.77
4800			2.40	2.65	2.89	3.11	3.32	3.66	3.90	4.03	4.04	3.90	3.61
5000					2.98	3.21	3.41	3.74	3.96	4.05	4.00	3.79	3.41
5200					3.08	3.30	3.50	3.82	4.01	4.05	3.94	3.65	3.16
5400					3.16	3.39	3.59	3.88	4.03	4.03	3.84	3.47	2.86
5600					3.24	3.47	3.66	3.92	4.04	3.98	3.72	3.23	2.51
6000					3.41	3.61	3.78	4.01	4.03	3.84	3.40	2.68	1.67

Power rating- (kW)

PIX-X'act®-L Classical Belt with 25.4mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.04	0.04	0.05	0.06	0.07	0.08	0.08	0.10	0.11	0.13	0.14	0.16	0.18
200	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.21	0.24	0.27	0.30	0.33	0.36
300	0.12	0.14	0.17	0.19	0.21	0.24	0.26	0.30	0.35	0.40	0.44	0.49	0.54
400	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.42	0.48	0.55	0.61	0.67	0.73
500	0.20	0.24	0.28	0.32	0.36	0.39	0.43	0.51	0.59	0.66	0.74	0.82	0.89
600	0.27	0.31	0.36	0.41	0.45	0.50	0.55	0.64	0.73	0.82	0.91	1.00	1.09
700	0.30	0.36	0.41	0.47	0.52	0.57	0.63	0.74	0.84	0.95	1.05	1.16	1.26
800	0.35	0.41	0.47	0.54	0.60	0.66	0.72	0.84	0.96	1.08	1.20	1.32	1.44
950	0.43	0.50	0.58	0.65	0.72	0.79	0.87	1.01	1.15	1.30	1.44	1.58	1.72
1100	0.49	0.57	0.66	0.74	0.83	0.91	0.99	1.16	1.32	1.49	1.65	1.81	1.97
1200	0.55	0.64	0.73	0.82	0.91	1.00	1.09	1.27	1.45	1.63	1.80	1.98	2.14
1300	0.57	0.67	0.77	0.87	0.97	1.07	1.16	1.36	1.55	1.74	1.93	2.11	2.29
1450		0.75	0.86	0.97	1.08	1.19	1.30	1.51	1.73	1.93	2.14	2.34	2.53
1600		0.85	0.97	1.09	1.21	1.33	1.45	1.69	1.92	2.14	2.36	2.58	2.79
1700		0.91	1.03	1.16	1.29	1.42	1.54	1.79	2.03	2.27	2.50	2.72	2.94
1800		0.95	1.08	1.22	1.35	1.49	1.62	1.88	2.13	2.38	2.62	2.85	3.07
1900		1.01	1.15	1.30	1.44	1.58	1.72	1.99	2.25	2.51	2.76	3.00	3.23
2000		1.04	1.19	1.34	1.49	1.64	1.78	2.07	2.34	2.61	2.87	3.11	3.34
2100		1.11	1.26	1.42	1.58	1.73	1.88	2.18	2.46	2.74	3.00	3.25	3.48
2200		1.17	1.33	1.50	1.66	1.82	1.98	2.28	2.58	2.86	3.13	3.39	3.62
2300		1.22	1.39	1.56	1.73	1.90	2.06	2.38	2.68	2.97	3.25	3.51	3.74
2400		1.27	1.45	1.63	1.80	1.98	2.14	2.47	2.79	3.08	3.36	3.62	3.86
2500		1.32	1.50	1.69	1.87	2.04	2.22	2.56	2.88	3.18	3.46	3.72	3.96
2600		1.36	1.55	1.74	1.93	2.11	2.29	2.64	2.97	3.27	3.56	3.82	4.05
2850			1.72	1.92	2.12	2.32	2.51	2.88	3.23	3.54	3.83	4.08	4.30
3000			1.79	2.01	2.22	2.42	2.62	3.00	3.35	3.67	3.96	4.20	4.40
3200			1.91	2.13	2.35	2.57	2.78	3.17	3.53	3.85	4.12	4.35	4.53
3400			2.03	2.27	2.50	2.72	2.94	3.34	3.70	4.02	4.28	4.49	4.63
3600			2.12	2.37	2.61	2.84	3.06	3.47	3.84	4.15	4.39	4.57	4.67
3800			2.25	2.51	2.76	3.00	3.23	3.64	4.00	4.30	4.52	4.66	4.71
4000			2.35	2.62	2.88	3.12	3.35	3.77	4.12	4.40	4.59	4.69	4.69
4200			2.46	2.74	3.00	3.25	3.48	3.90	4.25	4.50	4.66	4.70	4.63
4400			2.58	2.86	3.13	3.39	3.62	4.04	4.36	4.59	4.70	4.69	4.54
4600			2.67	2.96	3.24	3.50	3.73	4.14	4.45	4.64	4.70	4.62	4.38
4800			2.79	3.08	3.36	3.62	3.86	4.26	4.54	4.69	4.70	4.54	4.20
5000					3.47	3.73	3.97	4.35	4.60	4.71	4.65	4.41	3.96
5200					3.58	3.84	4.07	4.44	4.66	4.71	4.58	4.24	3.67
5400					3.68	3.94	4.17	4.51	4.69	4.69	4.47	4.03	3.33
5600					3.77	4.03	4.25	4.56	4.70	4.63	4.33	3.76	2.92
6000					3.96	4.20	4.40	4.66	4.69	4.46	3.95	3.12	1.94

Power rating- (kW) PIX-X'act®-L Classical Belt with 31.8mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.05	0.05	0.06	0.08	0.09	0.10	0.10	0.13	0.14	0.17	0.18	0.21	0.23
200	0.10	0.13	0.14	0.17	0.18	0.21	0.23	0.27	0.31	0.35	0.39	0.43	0.46
300	0.15	0.18	0.22	0.25	0.27	0.31	0.34	0.39	0.45	0.52	0.57	0.63	0.70
400	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.54	0.62	0.71	0.79	0.86	0.94
500	0.26	0.31	0.36	0.41	0.46	0.50	0.55	0.66	0.76	0.85	0.95	1.06	1.15
600	0.35	0.40	0.46	0.53	0.58	0.65	0.71	0.83	0.94	1.06	1.17	1.29	1.41
700	0.39	0.46	0.53	0.61	0.67	0.74	0.81	0.95	1.08	1.23	1.35	1.50	1.63
800	0.45	0.53	0.61	0.70	0.77	0.85	0.93	1.08	1.24	1.39	1.55	1.70	1.86
950	0.55	0.65	0.75	0.84	0.93	1.02	1.12	1.30	1.48	1.68	1.86	2.04	2.22
1100	0.63	0.74	0.85	0.95	1.07	1.17	1.28	1.50	1.70	1.92	2.13	2.33	2.54
1200	0.71	0.83	0.94	1.06	1.17	1.29	1.41	1.64	1.87	2.10	2.32	2.55	2.76
1300	0.74	0.86	0.99	1.12	1.25	1.38	1.50	1.75	2.00	2.24	2.49	2.72	2.95
1450		0.97	1.11	1.25	1.39	1.54	1.68	1.95	2.23	2.49	2.76	3.02	3.26
1600		1.10	1.25	1.41	1.56	1.72	1.87	2.18	2.48	2.76	3.04	3.33	3.60
1700		1.17	1.33	1.50	1.66	1.83	1.99	2.31	2.62	2.93	3.23	3.51	3.79
1800		1.23	1.39	1.57	1.74	1.92	2.09	2.43	2.75	3.07	3.38	3.68	3.96
1900		1.30	1.48	1.68	1.86	2.04	2.22	2.57	2.90	3.24	3.56	3.87	4.17
2000		1.34	1.54	1.73	1.92	2.12	2.30	2.67	3.02	3.37	3.70	4.01	4.31
2100		1.43	1.63	1.83	2.04	2.23	2.43	2.81	3.17	3.53	3.87	4.19	4.49
2200		1.51	1.72	1.94	2.14	2.35	2.55	2.94	3.33	3.69	4.04	4.37	4.67
2300		1.57	1.79	2.01	2.23	2.45	2.66	3.07	3.46	3.83	4.19	4.53	4.82
2400		1.64	1.87	2.10	2.32	2.55	2.76	3.19	3.60	3.97	4.33	4.67	4.98
2500		1.70	1.94	2.18	2.41	2.63	2.86	3.30	3.72	4.10	4.46	4.80	5.11
2600		1.75	2.00	2.24	2.49	2.72	2.95	3.41	3.83	4.22	4.59	4.93	5.22
2850			2.22	2.48	2.73	2.99	3.24	3.72	4.17	4.57	4.94	5.26	5.55
3000			2.31	2.59	2.86	3.12	3.38	3.87	4.32	4.73	5.11	5.42	5.68
3200			2.46	2.75	3.03	3.32	3.59	4.09	4.55	4.97	5.31	5.61	5.84
3400			2.62	2.93	3.23	3.51	3.79	4.31	4.77	5.19	5.52	5.79	5.97
3600			2.73	3.06	3.37	3.66	3.95	4.48	4.95	5.35	5.66	5.90	6.02
3800			2.90	3.24	3.56	3.87	4.17	4.70	5.16	5.55	5.83	6.01	6.08
4000			3.03	3.38	3.72	4.02	4.32	4.86	5.31	5.68	5.92	6.05	6.05
4200			3.17	3.53	3.87	4.19	4.49	5.03	5.48	5.81	6.01	6.06	5.97
4400			3.33	3.69	4.04	4.37	4.67	5.21	5.62	5.92	6.06	6.05	5.86
4600			3.44	3.82	4.18	4.52	4.81	5.34	5.74	5.99	6.06	5.96	5.65
4800			3.60	3.97	4.33	4.67	4.98	5.50	5.86	6.05	6.06	5.86	5.42
5000					4.48	4.81	5.12	5.61	5.93	6.08	6.00	5.69	5.11
5200					4.62	4.95	5.25	5.73	6.01	6.08	5.91	5.47	4.73
5400					4.75	5.08	5.38	5.82	6.05	6.05	5.77	5.20	4.30
5600					4.86	5.20	5.48	5.88	6.06	5.97	5.59	4.85	3.77
6000					5.11	5.42	5.68	6.01	6.05	5.75	5.10	4.02	2.50

Power rating- (kW)

PIX-X'act®-L Classical Belt with 38.1mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.06	0.06	0.08	0.09	0.11	0.12	0.12	0.16	0.17	0.20	0.22	0.25	0.28
200	0.12	0.16	0.17	0.20	0.22	0.25	0.28	0.33	0.37	0.42	0.47	0.51	0.56
300	0.19	0.22	0.27	0.30	0.33	0.37	0.41	0.47	0.55	0.62	0.69	0.76	0.84
400	0.28	0.33	0.37	0.42	0.47	0.51	0.56	0.66	0.75	0.86	0.95	1.05	1.14
500	0.31	0.37	0.44	0.50	0.56	0.61	0.67	0.80	0.92	1.03	1.15	1.28	1.39
600	0.42	0.48	0.56	0.64	0.70	0.78	0.86	1.00	1.14	1.28	1.42	1.56	1.70
700	0.47	0.56	0.64	0.73	0.81	0.89	0.98	1.15	1.31	1.48	1.64	1.81	1.97
800	0.55	0.64	0.73	0.84	0.94	1.03	1.12	1.31	1.50	1.68	1.87	2.06	2.25
950	0.67	0.78	0.90	1.01	1.12	1.23	1.36	1.58	1.79	2.03	2.25	2.46	2.68
1100	0.76	0.89	1.03	1.15	1.29	1.42	1.54	1.81	2.06	2.32	2.57	2.82	3.07
1200	0.86	1.00	1.14	1.28	1.42	1.56	1.70	1.98	2.26	2.54	2.81	3.09	3.34
1300	0.89	1.05	1.20	1.36	1.51	1.67	1.81	2.12	2.42	2.71	3.01	3.29	3.57
1450		1.17	1.34	1.51	1.68	1.86	2.03	2.36	2.70	3.01	3.34	3.65	3.95
1600		1.33	1.51	1.70	1.89	2.07	2.26	2.64	3.00	3.34	3.68	4.02	4.35
1700		1.42	1.61	1.81	2.01	2.22	2.40	2.79	3.17	3.54	3.90	4.24	4.59
1800		1.48	1.68	1.90	2.11	2.32	2.53	2.93	3.32	3.71	4.09	4.45	4.79
1900		1.58	1.79	2.03	2.25	2.46	2.68	3.10	3.51	3.92	4.31	4.68	5.04
2000		1.62	1.86	2.09	2.32	2.56	2.78	3.23	3.65	4.07	4.48	4.85	5.21
2100		1.73	1.97	2.22	2.46	2.70	2.93	3.40	3.84	4.27	4.68	5.07	5.43
2200		1.83	2.07	2.34	2.59	2.84	3.09	3.56	4.02	4.46	4.88	5.29	5.65
2300		1.90	2.17	2.43	2.70	2.96	3.21	3.71	4.18	4.63	5.07	5.48	5.83
2400		1.98	2.26	2.54	2.81	3.09	3.34	3.85	4.35	4.80	5.24	5.65	6.02
2500		2.06	2.34	2.64	2.92	3.18	3.46	3.99	4.49	4.96	5.40	5.80	6.18
2600		2.12	2.42	2.71	3.01	3.29	3.57	4.12	4.63	5.10	5.55	5.96	6.32
2850			2.68	3.00	3.31	3.62	3.92	4.49	5.04	5.52	5.97	6.36	6.71
3000			2.79	3.14	3.46	3.78	4.09	4.68	5.23	5.73	6.18	6.55	6.86
3200			2.98	3.32	3.67	4.01	4.34	4.95	5.51	6.01	6.43	6.79	7.07
3400			3.17	3.54	3.90	4.24	4.59	5.21	5.77	6.27	6.68	7.00	7.22
3600			3.31	3.70	4.07	4.43	4.77	5.41	5.99	6.47	6.85	7.13	7.29
3800			3.51	3.92	4.31	4.68	5.04	5.68	6.24	6.71	7.05	7.27	7.35
4000			3.67	4.09	4.49	4.87	5.23	5.88	6.43	6.86	7.16	7.32	7.32
4200			3.84	4.27	4.68	5.07	5.43	6.08	6.63	7.02	7.27	7.33	7.22
4400			4.02	4.46	4.88	5.29	5.65	6.30	6.80	7.16	7.33	7.32	7.08
4600			4.17	4.62	5.05	5.46	5.82	6.46	6.94	7.24	7.33	7.21	6.83
4800			4.35	4.80	5.24	5.65	6.02	6.65	7.08	7.32	7.33	7.08	6.55
5000					5.41	5.82	6.19	6.79	7.18	7.35	7.25	6.88	6.18
5200					5.58	5.99	6.35	6.93	7.27	7.35	7.14	6.61	5.73
5400					5.74	6.15	6.51	7.04	7.32	7.32	6.97	6.29	5.19
5600					5.88	6.29	6.63	7.11	7.33	7.22	6.75	5.87	4.56
6000					6.18	6.55	6.86	7.27	7.32	6.96	6.16	4.87	3.03

Power rating- (kW) PIX-X'act®-L Classical Belt with 44.5mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.07	0.07	0.09	0.11	0.13	0.15	0.15	0.18	0.20	0.24	0.26	0.29	0.33
200	0.15	0.18	0.20	0.24	0.26	0.29	0.33	0.39	0.44	0.50	0.55	0.61	0.66
300	0.22	0.26	0.31	0.35	0.39	0.44	0.48	0.55	0.64	0.74	0.81	0.90	0.99
400	0.33	0.39	0.44	0.50	0.55	0.61	0.66	0.77	0.88	1.01	1.12	1.23	1.34
500	0.37	0.44	0.52	0.59	0.66	0.72	0.79	0.94	1.09	1.21	1.36	1.51	1.64
600	0.50	0.57	0.66	0.75	0.83	0.92	1.01	1.18	1.34	1.51	1.67	1.84	2.01
700	0.55	0.66	0.75	0.86	0.96	1.05	1.16	1.36	1.55	1.75	1.93	2.13	2.32
800	0.64	0.75	0.86	0.99	1.10	1.21	1.32	1.55	1.77	1.99	2.21	2.43	2.65
950	0.79	0.92	1.07	1.20	1.32	1.45	1.60	1.86	2.12	2.39	2.65	2.91	3.16
1100	0.90	1.05	1.21	1.36	1.53	1.67	1.82	2.13	2.43	2.74	3.04	3.33	3.62
1200	1.01	1.18	1.34	1.51	1.67	1.84	2.01	2.34	2.67	3.00	3.31	3.64	3.94
1300	1.05	1.23	1.42	1.60	1.78	1.97	2.13	2.50	2.85	3.20	3.55	3.88	4.21
1450		1.38	1.58	1.78	1.99	2.19	2.39	2.78	3.18	3.55	3.94	4.31	4.66
1600		1.56	1.78	2.01	2.23	2.45	2.67	3.11	3.53	3.94	4.34	4.75	5.13
1700		1.67	1.90	2.13	2.37	2.61	2.83	3.29	3.74	4.18	4.60	5.00	5.41
1800		1.75	1.99	2.24	2.48	2.74	2.98	3.46	3.92	4.38	4.82	5.24	5.65
1900		1.86	2.12	2.39	2.65	2.91	3.16	3.66	4.14	4.62	5.08	5.52	5.94
2000		1.91	2.19	2.47	2.74	3.02	3.28	3.81	4.31	4.80	5.28	5.72	6.15
2100		2.04	2.32	2.61	2.91	3.18	3.46	4.01	4.53	5.04	5.52	5.98	6.40
2200		2.15	2.45	2.76	3.05	3.35	3.64	4.20	4.75	5.26	5.76	6.24	6.66
2300		2.24	2.56	2.87	3.18	3.50	3.79	4.38	4.93	5.46	5.98	6.46	6.88
2400		2.34	2.67	3.00	3.31	3.64	3.94	4.54	5.13	5.67	6.18	6.66	7.10
2500		2.43	2.76	3.11	3.44	3.75	4.08	4.71	5.30	5.85	6.37	6.84	7.29
2600		2.50	2.85	3.20	3.55	3.88	4.21	4.86	5.46	6.02	6.55	7.03	7.45
2850			3.16	3.53	3.90	4.27	4.62	5.30	5.94	6.51	7.05	7.51	7.91
3000			3.29	3.70	4.08	4.45	4.82	5.52	6.16	6.75	7.29	7.73	8.10
3200			3.51	3.92	4.32	4.73	5.12	5.83	6.50	7.08	7.58	8.00	8.34
3400			3.74	4.18	4.60	5.00	5.41	6.15	6.81	7.40	7.88	8.26	8.52
3600			3.90	4.36	4.80	5.23	5.63	6.38	7.07	7.64	8.08	8.41	8.59
3800			4.14	4.62	5.08	5.52	5.94	6.70	7.36	7.91	8.32	8.57	8.67
4000			4.32	4.82	5.30	5.74	6.16	6.94	7.58	8.10	8.45	8.63	8.63
4200			4.53	5.04	5.52	5.98	6.40	7.18	7.82	8.28	8.57	8.65	8.52
4400			4.75	5.26	5.76	6.24	6.66	7.43	8.02	8.45	8.65	8.63	8.35
4600			4.91	5.45	5.96	6.44	6.86	7.62	8.19	8.54	8.65	8.50	8.06
4800			5.13	5.67	6.18	6.66	7.10	7.84	8.35	8.63	8.65	8.35	7.73
5000					6.38	6.86	7.30	8.00	8.46	8.67	8.56	8.11	7.29
5200					6.59	7.07	7.49	8.17	8.57	8.67	8.43	7.80	6.75
5400					6.77	7.25	7.67	8.30	8.63	8.63	8.22	7.42	6.13
5600					6.94	7.42	7.82	8.39	8.65	8.52	7.97	6.92	5.37
6000					7.29	7.73	8.10	8.57	8.63	8.21	7.27	5.74	3.57

Power rating- (kW) PIX-X'act®-L Classical Belt with 50.8mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.09	0.09	0.11	0.13	0.15	0.17	0.17	0.21	0.24	0.28	0.30	0.34	0.39
200	0.17	0.21	0.24	0.28	0.30	0.34	0.39	0.45	0.51	0.58	0.64	0.71	0.77
300	0.26	0.30	0.36	0.41	0.45	0.51	0.56	0.64	0.75	0.86	0.94	1.05	1.16
400	0.39	0.45	0.51	0.58	0.64	0.71	0.77	0.90	1.03	1.18	1.31	1.43	1.56
500	0.43	0.51	0.60	0.68	0.77	0.83	0.92	1.09	1.26	1.41	1.58	1.75	1.90
600	0.58	0.66	0.77	0.88	0.96	1.07	1.18	1.37	1.56	1.75	1.95	2.14	2.33
700	0.64	0.77	0.88	1.01	1.11	1.22	1.35	1.58	1.80	2.03	2.25	2.48	2.70
800	0.75	0.88	1.01	1.16	1.28	1.41	1.54	1.80	2.05	2.31	2.57	2.82	3.08
950	0.92	1.07	1.24	1.39	1.54	1.69	1.86	2.16	2.46	2.78	3.08	3.38	3.68
1100	1.05	1.22	1.41	1.58	1.78	1.95	2.12	2.48	2.82	3.19	3.53	3.87	4.22
1200	1.18	1.37	1.56	1.75	1.95	2.14	2.33	2.72	3.10	3.49	3.85	4.24	4.58
1300	1.22	1.43	1.65	1.86	2.08	2.29	2.48	2.91	3.32	3.72	4.13	4.52	4.90
1450		1.61	1.84	2.08	2.31	2.55	2.78	3.23	3.70	4.13	4.58	5.01	5.41
1600		1.82	2.08	2.33	2.59	2.85	3.10	3.62	4.11	4.58	5.05	5.52	5.97
1700		1.95	2.20	2.48	2.76	3.04	3.30	3.83	4.34	4.86	5.35	5.82	6.29
1800		2.03	2.31	2.61	2.89	3.19	3.47	4.02	4.56	5.09	5.61	6.10	6.57
1900		2.16	2.46	2.78	3.08	3.38	3.68	4.26	4.82	5.37	5.91	6.42	6.91
2000		2.23	2.55	2.87	3.19	3.51	3.81	4.43	5.01	5.59	6.14	6.66	7.15
2100		2.38	2.70	3.04	3.38	3.70	4.02	4.67	5.26	5.86	6.42	6.96	7.45
2200		2.50	2.85	3.21	3.55	3.89	4.24	4.88	5.52	6.12	6.70	7.25	7.75
2300		2.61	2.97	3.34	3.70	4.07	4.41	5.09	5.74	6.36	6.96	7.51	8.00
2400		2.72	3.10	3.49	3.85	4.24	4.58	5.29	5.97	6.59	7.19	7.75	8.26
2500		2.82	3.21	3.62	4.00	4.37	4.75	5.48	6.16	6.81	7.40	7.96	8.47
2600		2.91	3.32	3.72	4.13	4.52	4.90	5.65	6.36	7.00	7.62	8.17	8.67
2850			3.68	4.11	4.54	4.96	5.37	6.16	6.91	7.58	8.20	8.73	9.20
3000			3.83	4.30	4.75	5.18	5.61	6.42	7.17	7.85	8.47	8.99	9.42
3200			4.09	4.56	5.03	5.50	5.95	6.78	7.55	8.24	8.82	9.31	9.69
3400			4.34	4.86	5.35	5.82	6.29	7.15	7.92	8.60	9.16	9.61	9.91
3600			4.54	5.07	5.59	6.08	6.55	7.43	8.22	8.88	9.39	9.78	9.99
3800			4.82	5.37	5.91	6.42	6.91	7.79	8.56	9.20	9.67	9.97	10.08
4000			5.03	5.61	6.16	6.68	7.17	8.07	8.82	9.42	9.82	10.04	10.04
4200			5.26	5.86	6.42	6.96	7.45	8.35	9.10	9.63	9.97	10.06	9.91
4400			5.52	6.12	6.70	7.25	7.75	8.65	9.33	9.82	10.06	10.04	9.72
4600			5.71	6.33	6.93	7.49	7.98	8.86	9.52	9.93	10.06	9.89	9.37
4800			5.97	6.59	7.19	7.75	8.26	9.12	9.72	10.04	10.06	9.72	8.99
5000					7.43	7.98	8.50	9.31	9.84	10.08	9.95	9.44	8.47
5200					7.66	8.22	8.71	9.50	9.97	10.08	9.80	9.07	7.85
5400					7.88	8.43	8.92	9.65	10.04	10.04	9.57	8.62	7.13
5600					8.07	8.62	9.10	9.76	10.06	9.91	9.27	8.05	6.25
6000					8.47	8.99	9.42	9.97	10.04	9.54	8.45	6.68	4.15

Power rating- (kW) PIX-X'act®-L Classical Belt with 63.5mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.11	0.11	0.14	0.16	0.19	0.22	0.22	0.27	0.30	0.35	0.38	0.44	0.49
200	0.22	0.27	0.30	0.35	0.38	0.44	0.49	0.57	0.65	0.73	0.82	0.90	0.98
300	0.33	0.38	0.46	0.52	0.57	0.65	0.71	0.82	0.95	1.09	1.20	1.33	1.47
400	0.49	0.57	0.65	0.73	0.82	0.90	0.98	1.14	1.31	1.50	1.66	1.82	1.99
500	0.54	0.65	0.76	0.87	0.98	1.06	1.17	1.39	1.60	1.80	2.01	2.23	2.42
600	0.73	0.84	0.98	1.12	1.22	1.36	1.50	1.74	1.99	2.23	2.48	2.72	2.96
700	0.82	0.98	1.12	1.28	1.41	1.55	1.71	2.01	2.28	2.58	2.86	3.16	3.43
800	0.95	1.12	1.28	1.47	1.63	1.80	1.96	2.28	2.61	2.94	3.26	3.59	3.92
950	1.17	1.36	1.58	1.77	1.96	2.15	2.37	2.75	3.13	3.54	3.92	4.30	4.68
1100	1.33	1.55	1.80	2.01	2.26	2.48	2.69	3.16	3.59	4.05	4.49	4.92	5.36
1200	1.50	1.74	1.99	2.23	2.48	2.72	2.96	3.45	3.94	4.43	4.90	5.39	5.82
1300	1.55	1.82	2.09	2.37	2.64	2.91	3.16	3.70	4.22	4.73	5.25	5.74	6.23
1450		2.04	2.34	2.64	2.94	3.24	3.54	4.11	4.71	5.25	5.82	6.36	6.88
1600		2.31	2.64	2.96	3.29	3.62	3.94	4.60	5.22	5.82	6.42	7.02	7.59
1700		2.48	2.80	3.16	3.51	3.86	4.19	4.87	5.52	6.17	6.80	7.40	8.00
1800		2.58	2.94	3.32	3.67	4.05	4.41	5.11	5.79	6.47	7.13	7.75	8.35
1900		2.75	3.13	3.54	3.92	4.30	4.68	5.41	6.12	6.83	7.51	8.16	8.79
2000		2.83	3.24	3.64	4.05	4.46	4.84	5.63	6.36	7.10	7.81	8.46	9.08
2100		3.02	3.43	3.86	4.30	4.71	5.11	5.93	6.69	7.45	8.16	8.84	9.47
2200		3.18	3.62	4.08	4.52	4.95	5.39	6.20	7.02	7.78	8.51	9.22	9.85
2300		3.32	3.78	4.24	4.71	5.17	5.60	6.47	7.29	8.08	8.84	9.55	10.17
2400		3.45	3.94	4.43	4.90	5.39	5.82	6.72	7.59	8.38	9.14	9.85	10.50
2500		3.59	4.08	4.60	5.09	5.55	6.04	6.96	7.83	8.65	9.41	10.12	10.77
2600		3.70	4.22	4.73	5.25	5.74	6.23	7.18	8.08	8.89	9.68	10.39	11.02
2850			4.68	5.22	5.77	6.31	6.83	7.83	8.79	9.63	10.42	11.10	11.70
3000			4.87	5.47	6.04	6.58	7.13	8.16	9.11	9.98	10.77	11.42	11.97
3200			5.20	5.79	6.39	6.99	7.56	8.62	9.60	10.47	11.21	11.83	12.32
3400			5.52	6.17	6.80	7.40	8.00	9.08	10.06	10.93	11.64	12.21	12.59
3600			5.77	6.45	7.10	7.72	8.32	9.44	10.44	11.29	11.94	12.43	12.70
3800			6.12	6.83	7.51	8.16	8.79	9.90	10.88	11.70	12.29	12.68	12.81
4000			6.39	7.13	7.83	8.49	9.11	10.25	11.21	11.97	12.48	12.76	12.76
4200			6.69	7.45	8.16	8.84	9.47	10.61	11.56	12.24	12.68	12.78	12.59
4400			7.02	7.78	8.51	9.22	9.85	10.99	11.86	12.48	12.78	12.76	12.35
4600			7.26	8.05	8.81	9.52	10.15	11.26	12.10	12.62	12.78	12.57	11.91
4800			7.59	8.38	9.14	9.85	10.50	11.59	12.35	12.76	12.78	12.35	11.42
5000					9.44	10.15	10.80	11.83	12.51	12.81	12.65	12.00	10.77
5200					9.74	10.44	11.07	12.08	12.68	12.81	12.46	11.53	9.98
5400					10.01	10.72	11.34	12.27	12.76	12.76	12.16	10.96	9.06
5600					10.25	10.96	11.56	12.40	12.78	12.59	11.78	10.23	7.94
6000					10.77	11.42	11.97	12.68	12.76	12.13	10.74	8.49	5.28

Power rating- (kW) PIX-X'act®-L Classical Belt with 76.2mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	12	14	16	18	20	22	24	28	32	36	40	44	48
100	0.13	0.13	0.17	0.20	0.24	0.27	0.27	0.34	0.37	0.44	0.47	0.54	0.60
200	0.27	0.34	0.37	0.44	0.47	0.54	0.60	0.71	0.81	0.91	1.01	1.11	1.21
300	0.40	0.47	0.57	0.64	0.71	0.81	0.87	1.01	1.18	1.34	1.48	1.65	1.81
400	0.60	0.71	0.81	0.91	1.01	1.11	1.21	1.41	1.61	1.85	2.05	2.25	2.45
500	0.67	0.81	0.94	1.08	1.21	1.31	1.44	1.71	1.98	2.22	2.49	2.76	2.99
600	0.91	1.04	1.21	1.38	1.51	1.68	1.85	2.15	2.45	2.76	3.06	3.36	3.66
700	1.01	1.21	1.38	1.58	1.75	1.92	2.12	2.49	2.82	3.19	3.53	3.90	4.23
800	1.18	1.38	1.58	1.81	2.02	2.22	2.42	2.82	3.23	3.63	4.03	4.44	4.84
950	1.44	1.68	1.95	2.18	2.42	2.65	2.92	3.39	3.86	4.37	4.84	5.31	5.78
1100	1.65	1.92	2.22	2.49	2.79	3.06	3.33	3.90	4.44	5.01	5.54	6.08	6.62
1200	1.85	2.15	2.45	2.76	3.06	3.36	3.66	4.27	4.87	5.48	6.05	6.65	7.19
1300	1.92	2.25	2.59	2.92	3.26	3.60	3.90	4.57	5.21	5.85	6.48	7.09	7.69
1450		2.52	2.89	3.26	3.63	4.00	4.37	5.07	5.81	6.48	7.19	7.86	8.50
1600		2.86	3.26	3.66	4.07	4.47	4.87	5.68	6.45	7.19	7.93	8.67	9.37
1700		3.06	3.46	3.90	4.33	4.77	5.17	6.01	6.82	7.63	8.40	9.14	9.88
1800		3.19	3.63	4.10	4.54	5.01	5.44	6.32	7.16	8.00	8.80	9.58	10.32
1900		3.39	3.86	4.37	4.84	5.31	5.78	6.69	7.56	8.43	9.27	10.08	10.85
2000		3.49	4.00	4.50	5.01	5.51	5.98	6.96	7.86	8.77	9.64	10.45	11.22
2100		3.73	4.23	4.77	5.31	5.81	6.32	7.32	8.27	9.21	10.08	10.92	11.69
2200		3.93	4.47	5.04	5.58	6.12	6.65	7.66	8.67	9.61	10.52	11.39	12.16
2300		4.10	4.67	5.24	5.81	6.38	6.92	8.00	9.00	9.98	10.92	11.79	12.57
2400		4.27	4.87	5.48	6.05	6.65	7.19	8.30	9.37	10.35	11.29	12.16	12.97
2500		4.44	5.04	5.68	6.28	6.85	7.46	8.60	9.68	10.68	11.63	12.50	13.31
2600		4.57	5.21	5.85	6.48	7.09	7.69	8.87	9.98	10.99	11.96	12.84	13.61
2850			5.78	6.45	7.12	7.80	8.43	9.68	10.85	11.89	12.87	13.71	14.45
3000			6.01	6.75	7.46	8.13	8.80	10.08	11.26	12.33	13.31	14.11	14.78
3200			6.42	7.16	7.90	8.64	9.34	10.65	11.86	12.94	13.84	14.62	15.22
3400			6.82	7.63	8.40	9.14	9.88	11.22	12.43	13.51	14.38	15.09	15.56
3600			7.12	7.96	8.77	9.54	10.28	11.66	12.90	13.94	14.75	15.36	15.69
3800			7.56	8.43	9.27	10.08	10.85	12.23	13.44	14.45	15.19	15.66	15.83
4000			7.90	8.80	9.68	10.48	11.26	12.67	13.84	14.78	15.42	15.76	15.76
4200			8.27	9.21	10.08	10.92	11.69	13.10	14.28	15.12	15.66	15.79	15.56
4400			8.67	9.61	10.52	11.39	12.16	13.57	14.65	15.42	15.79	15.76	15.25
4600			8.97	9.95	10.89	11.76	12.53	13.91	14.95	15.59	15.79	15.52	14.72
4800			9.37	10.35	11.29	12.16	12.97	14.31	15.25	15.76	15.79	15.25	14.11
5000					11.66	12.53	13.34	14.62	15.46	15.83	15.62	14.82	13.31
5200					12.03	12.90	13.68	14.92	15.66	15.83	15.39	14.25	12.33
5400					12.36	13.24	14.01	15.15	15.76	15.76	15.02	13.54	11.19
5600					12.67	13.54	14.28	15.32	15.79	15.56	14.55	12.63	9.81
6000					13.31	14.11	14.78	15.66	15.76	14.99	13.27	10.48	6.52

Power rating- (kW)

PIX-X'act®-H Classical Belt with 12.7mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.08	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.20	0.22	0.24	0.26
200	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.39	0.44	0.48	0.53
300	0.26	0.29	0.32	0.36	0.39	0.42	0.46	0.49	0.53	0.59	0.66	0.72	0.79
400	0.35	0.39	0.44	0.48	0.53	0.57	0.62	0.66	0.71	0.79	0.88	0.97	1.06
500	0.43	0.49	0.54	0.60	0.65	0.71	0.76	0.82	0.87	0.98	1.09	1.21	1.31
600	0.53	0.59	0.66	0.72	0.79	0.86	0.92	0.99	1.05	1.18	1.32	1.45	1.58
700	0.62	0.69	0.77	0.85	0.93	1.00	1.08	1.16	1.23	1.39	1.54	1.69	1.84
800	0.71	0.79	0.88	0.97	1.06	1.15	1.23	1.32	1.41	1.58	1.76	1.93	2.10
950	0.84	0.94	1.05	1.15	1.26	1.36	1.46	1.57	1.67	1.87	2.07	2.28	2.48
1100	0.97	1.09	1.21	1.33	1.45	1.57	1.68	1.81	1.92	2.16	2.39	2.62	2.84
1200	1.05	1.18	1.31	1.44	1.58	1.71	1.83	1.96	2.09	2.34	2.59	2.84	3.08
1300	1.15	1.29	1.43	1.57	1.71	1.85	1.99	2.13	2.27	2.54	2.81	3.07	3.33
1450		1.43	1.59	1.75	1.90	2.06	2.21	2.36	2.52	2.81	3.11	3.39	3.68
1600		1.58	1.75	1.92	2.09	2.26	2.43	2.60	2.76	3.09	3.41	3.71	4.01
1700		1.68	1.86	2.05	2.23	2.40	2.58	2.76	2.93	3.27	3.60	3.92	4.23
1800		1.77	1.96	2.15	2.34	2.53	2.72	2.90	3.08	3.44	3.78	4.12	4.44
1900		1.87	2.07	2.28	2.48	2.68	2.87	3.06	3.25	3.62	3.98	4.32	4.65
2000		1.97	2.18	2.39	2.60	2.80	3.01	3.21	3.41	3.79	4.16	4.51	4.85
2100		2.07	2.29	2.51	2.73	2.94	3.15	3.36	3.57	3.96	4.34	4.70	5.04
2200		2.15	2.39	2.61	2.84	3.06	3.28	3.50	3.71	4.12	4.51	4.87	5.22
2300		2.26	2.50	2.73	2.97	3.20	3.43	3.65	3.87	4.29	4.68	5.06	5.40
2400		2.35	2.60	2.84	3.09	3.33	3.56	3.79	4.01	4.44	4.85	5.22	5.57
2500		2.44	2.70	2.96	3.21	3.45	3.69	3.93	4.16	4.59	5.01	5.38	5.72
2600		2.54	2.81	3.07	3.33	3.58	3.83	4.07	4.31	4.75	5.17	5.54	5.88
2850			3.06	3.34	3.62	3.89	4.15	4.40	4.65	5.11	5.52	5.89	6.21
3000			3.21	3.50	3.79	4.07	4.34	4.59	4.85	5.31	5.72	6.08	6.38
3200			3.41	3.72	4.02	4.31	4.58	4.85	5.10	5.57	5.97	6.31	6.57
3400			3.60	3.92	4.23	4.53	4.81	5.08	5.34	5.80	6.19	6.49	6.71
3600			3.79	4.12	4.45	4.75	5.04	5.31	5.57	6.02	6.38	6.65	6.81
3800			3.98	4.32	4.65	4.96	5.25	5.53	5.78	6.21	6.54	6.76	6.85
4000			4.16	4.52	4.85	5.17	5.46	5.73	5.97	6.38	6.67	6.83	6.84
4200			4.34	4.70	5.04	5.36	5.65	5.91	6.15	6.53	6.77	6.85	6.77
4400			4.51	4.88	5.22	5.54	5.83	6.08	6.30	6.64	6.83	6.83	6.64
4600			4.68	5.05	5.40	5.71	5.99	6.24	6.45	6.74	6.85	6.76	6.45
4800			4.84	5.22	5.56	5.87	6.14	6.38	6.56	6.80	6.83	6.64	6.19
5000					5.73	6.03	6.29	6.51	6.67	6.85	6.79	6.47	5.87
5200					5.88	6.17	6.41	6.61	6.75	6.85	6.69	6.24	5.47
5400					6.01	6.30	6.52	6.53	6.80	6.83	6.56	5.96	5.00
5600					6.15	6.42	6.62	6.77	6.85	6.77	6.38	5.62	4.45
6000					6.38	6.60	6.76	6.84	6.83	6.55	5.86	4.73	3.10

Power rating- (kW) PIX-X'act®-H Classical Belt with 15.7mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.23	0.27	0.30	0.32	0.35
200	0.23	0.27	0.30	0.32	0.35	0.39	0.42	0.44	0.48	0.54	0.60	0.66	0.72
300	0.35	0.39	0.44	0.48	0.53	0.58	0.62	0.67	0.71	0.80	0.89	0.98	1.07
400	0.48	0.54	0.60	0.66	0.72	0.78	0.84	0.89	0.96	1.08	1.20	1.32	1.44
500	0.59	0.66	0.74	0.81	0.88	0.96	1.04	1.11	1.19	1.33	1.48	1.64	1.78
600	0.71	0.80	0.89	0.98	1.07	1.16	1.25	1.34	1.43	1.61	1.79	1.97	2.14
700	0.84	0.94	1.05	1.15	1.26	1.36	1.46	1.57	1.68	1.88	2.09	2.29	2.50
800	0.96	1.08	1.20	1.32	1.44	1.56	1.68	1.80	1.91	2.15	2.38	2.62	2.84
950	1.14	1.28	1.42	1.56	1.70	1.85	1.98	2.13	2.26	2.54	2.82	3.09	3.36
1100	1.31	1.48	1.64	1.80	1.97	2.13	2.29	2.45	2.61	2.93	3.24	3.55	3.86
1200	1.43	1.60	1.78	1.96	2.14	2.31	2.49	2.66	2.83	3.18	3.52	3.85	4.18
1300	1.56	1.75	1.94	2.13	2.33	2.51	2.70	2.89	3.08	3.45	3.81	4.17	4.52
1450		1.94	2.15	2.37	2.58	2.79	3.00	3.21	3.41	3.82	4.22	4.61	4.99
1600		2.14	2.38	2.61	2.84	3.07	3.30	3.52	3.75	4.19	4.62	5.04	5.44
1700		2.28	2.53	2.78	3.02	3.26	3.51	3.74	3.98	4.44	4.89	5.32	5.75
1800		2.40	2.66	2.92	3.18	3.44	3.69	3.94	4.18	4.67	5.14	5.59	6.02
1900		2.54	2.82	3.09	3.36	3.63	3.89	4.16	4.41	4.91	5.40	5.87	6.31
2000		2.67	2.96	3.24	3.52	3.80	4.08	4.35	4.62	5.14	5.64	6.12	6.58
2100		2.80	3.11	3.40	3.70	3.99	4.28	4.56	4.84	5.38	5.89	6.38	6.84
2200		2.92	3.24	3.55	3.85	4.16	4.45	4.75	5.03	5.59	6.12	6.61	7.08
2300		3.06	3.39	3.71	4.03	4.34	4.65	4.95	5.25	5.82	6.36	6.86	7.33
2400		3.19	3.52	3.86	4.19	4.51	4.83	5.14	5.44	6.03	6.58	7.09	7.55
2500		3.31	3.67	4.01	4.35	4.69	5.01	5.33	5.64	6.24	6.79	7.31	7.77
2600		3.45	3.81	4.17	4.52	4.86	5.20	5.52	5.84	6.45	7.01	7.52	7.98
2850			4.15	4.53	4.91	5.28	5.63	5.97	6.30	6.93	7.50	8.00	8.42
3000			4.35	4.75	5.14	5.52	5.89	6.24	6.58	7.20	7.77	8.25	8.66
3200			4.63	5.04	5.45	5.84	6.22	6.58	6.93	7.56	8.11	8.56	8.92
3400			4.88	5.32	5.74	6.14	6.53	6.90	7.24	7.87	8.40	8.81	9.11
3600			5.15	5.60	6.04	6.45	6.84	7.21	7.56	8.17	8.66	9.02	9.24
3800			5.40	5.87	6.31	6.74	7.13	7.50	7.84	8.43	8.88	9.18	9.30
4000			5.65	6.13	6.58	7.01	7.41	7.77	8.11	8.66	9.06	9.27	9.29
4200			5.89	6.38	6.84	7.27	7.67	8.03	8.34	8.86	9.19	9.30	9.19
4400			6.12	6.62	7.09	7.51	7.91	8.25	8.56	9.02	9.26	9.27	9.01
4600			6.35	6.86	7.32	7.75	8.13	8.46	8.75	9.15	9.30	9.18	8.76
4800			6.57	7.08	7.55	7.97	8.33	8.65	8.91	9.23	9.27	9.01	8.40
5000					7.77	8.19	8.54	8.83	9.06	9.29	9.22	8.78	7.97
5200					7.97	8.37	8.70	8.97	9.16	9.30	9.08	8.47	7.42
5400					8.16	8.54	8.85	8.86	9.23	9.26	8.90	8.08	6.78
5600					8.34	8.71	8.99	9.19	9.29	9.19	8.65	7.62	6.04
6000					8.65	8.96	9.18	9.28	9.27	8.89	7.96	6.42	4.21

Power rating- (kW)

PIX-X'act®-H Classical Belt with 19.05mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.14	0.16	0.18	0.20	0.22	0.23	0.26	0.28	0.29	0.33	0.37	0.40	0.44
200	0.29	0.33	0.37	0.40	0.44	0.48	0.52	0.55	0.60	0.67	0.75	0.82	0.89
300	0.43	0.49	0.55	0.60	0.66	0.72	0.77	0.83	0.89	1.00	1.11	1.22	1.33
400	0.60	0.67	0.75	0.82	0.89	0.97	1.04	1.11	1.19	1.34	1.49	1.64	1.79
500	0.73	0.82	0.92	1.01	1.10	1.20	1.29	1.38	1.48	1.66	1.85	2.04	2.22
600	0.89	1.00	1.11	1.22	1.33	1.45	1.56	1.67	1.78	2.00	2.23	2.45	2.67
700	1.04	1.17	1.31	1.43	1.57	1.70	1.82	1.95	2.09	2.34	2.60	2.85	3.11
800	1.19	1.34	1.49	1.64	1.79	1.94	2.09	2.24	2.38	2.68	2.97	3.26	3.54
950	1.42	1.59	1.77	1.95	2.12	2.30	2.47	2.65	2.82	3.17	3.51	3.85	4.19
1100	1.63	1.84	2.04	2.24	2.45	2.65	2.85	3.05	3.25	3.65	4.04	4.42	4.81
1200	1.78	2.00	2.22	2.44	2.66	2.88	3.10	3.32	3.53	3.96	4.38	4.80	5.21
1300	1.94	2.18	2.42	2.66	2.90	3.13	3.37	3.60	3.83	4.30	4.74	5.19	5.63
1450		2.42	2.68	2.95	3.22	3.48	3.73	4.00	4.25	4.76	5.25	5.74	6.21
1600		2.67	2.96	3.25	3.54	3.83	4.11	4.39	4.67	5.22	5.76	6.28	6.78
1700		2.84	3.15	3.46	3.76	4.06	4.37	4.66	4.96	5.53	6.09	6.63	7.16
1800		2.99	3.32	3.64	3.96	4.28	4.59	4.91	5.21	5.81	6.40	6.96	7.50
1900		3.17	3.51	3.85	4.19	4.52	4.85	5.18	5.50	6.12	6.73	7.31	7.86
2000		3.32	3.68	4.04	4.39	4.74	5.08	5.42	5.76	6.40	7.03	7.63	8.19
2100		3.49	3.87	4.24	4.61	4.97	5.33	5.68	6.03	6.70	7.34	7.94	8.52
2200		3.64	4.03	4.42	4.80	5.18	5.55	5.91	6.27	6.96	7.62	8.24	8.82
2300		3.81	4.22	4.62	5.02	5.41	5.79	6.17	6.54	7.25	7.92	8.55	9.13
2400		3.97	4.39	4.81	5.22	5.62	6.02	6.40	6.78	7.51	8.19	8.83	9.41
2500		4.13	4.57	5.00	5.42	5.84	6.24	6.64	7.03	7.77	8.46	9.10	9.68
2600		4.30	4.74	5.19	5.63	6.06	6.48	6.88	7.28	8.03	8.73	9.36	9.94
2850			5.17	5.64	6.11	6.57	7.01	7.44	7.85	8.63	9.34	9.96	10.49
3000			5.42	5.92	6.40	6.87	7.33	7.77	8.19	8.97	9.68	10.28	10.78
3200			5.77	6.28	6.79	7.28	7.75	8.20	8.63	9.41	10.10	10.66	11.11
3400			6.08	6.62	7.15	7.65	8.14	8.59	9.02	9.81	10.46	10.98	11.35
3600			6.41	6.97	7.52	8.03	8.52	8.98	9.41	10.17	10.79	11.24	11.51
3800			6.73	7.31	7.86	8.39	8.88	9.34	9.77	10.50	11.06	11.43	11.59
4000			7.04	7.63	8.20	8.73	9.23	9.68	10.10	10.79	11.28	11.54	11.57
4200			7.34	7.94	8.52	9.06	9.55	10.00	10.39	11.03	11.45	11.59	11.45
4400			7.63	8.24	8.83	9.36	9.85	10.28	10.66	11.23	11.54	11.54	11.23
4600			7.91	8.54	9.12	9.66	10.13	10.54	10.90	11.40	11.58	11.43	10.91
4800			8.19	8.82	9.40	9.93	10.38	10.78	11.10	11.49	11.55	11.22	10.47
5000					9.68	10.20	10.64	11.00	11.28	11.57	11.48	10.94	9.93
5200					9.93	10.42	10.84	11.17	11.41	11.58	11.31	10.55	9.24
5400					10.17	10.64	11.03	11.03	11.50	11.54	11.08	10.07	8.45
5600					10.39	10.85	11.20	11.45	11.57	11.45	10.78	9.49	7.53
6000					10.78	11.16	11.43	11.56	11.55	11.08	9.91	7.99	5.25

Power rating- (kW) PIX-X'act®-H Classical Belt with 22.1mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.17	0.20	0.22	0.24	0.27	0.28	0.31	0.34	0.35	0.40	0.45	0.49	0.53
200	0.35	0.40	0.45	0.49	0.53	0.58	0.63	0.67	0.72	0.81	0.90	0.99	1.08
300	0.52	0.59	0.66	0.73	0.80	0.87	0.94	1.01	1.08	1.21	1.34	1.48	1.62
400	0.72	0.81	0.90	0.99	1.08	1.17	1.26	1.35	1.44	1.63	1.81	1.99	2.17
500	0.89	1.00	1.11	1.22	1.33	1.45	1.57	1.68	1.79	2.01	2.24	2.47	2.69
600	1.08	1.21	1.34	1.48	1.62	1.75	1.89	2.02	2.16	2.43	2.70	2.97	3.23
700	1.26	1.42	1.58	1.74	1.90	2.06	2.21	2.37	2.53	2.84	3.15	3.46	3.77
800	1.44	1.63	1.81	1.99	2.17	2.35	2.53	2.71	2.88	3.24	3.59	3.95	4.29
950	1.72	1.93	2.14	2.36	2.57	2.79	2.99	3.21	3.41	3.84	4.25	4.66	5.07
1100	1.98	2.23	2.48	2.72	2.97	3.21	3.45	3.70	3.94	4.42	4.89	5.36	5.82
1200	2.15	2.42	2.69	2.96	3.23	3.49	3.75	4.02	4.27	4.80	5.31	5.81	6.31
1300	2.35	2.64	2.93	3.22	3.51	3.79	4.08	4.36	4.64	5.20	5.74	6.29	6.82
1450		2.93	3.25	3.58	3.90	4.21	4.52	4.84	5.15	5.76	6.36	6.95	7.53
1600		3.23	3.59	3.94	4.28	4.64	4.98	5.31	5.66	6.32	6.97	7.60	8.21
1700		3.44	3.81	4.19	4.56	4.92	5.29	5.64	6.00	6.70	7.38	8.03	8.67
1800		3.62	4.02	4.41	4.80	5.19	5.56	5.94	6.31	7.04	7.75	8.43	9.09
1900		3.84	4.25	4.66	5.07	5.48	5.87	6.27	6.66	7.41	8.15	8.85	9.52
2000		4.02	4.46	4.89	5.31	5.74	6.16	6.57	6.97	7.76	8.51	9.24	9.92
2100		4.23	4.69	5.13	5.58	6.02	6.45	6.88	7.30	8.11	8.89	9.62	10.32
2200		4.41	4.88	5.35	5.81	6.27	6.72	7.16	7.59	8.43	9.23	9.98	10.68
2300		4.62	5.12	5.60	6.08	6.55	7.02	7.47	7.92	8.78	9.59	10.35	11.06
2400		4.81	5.31	5.82	6.32	6.81	7.29	7.76	8.21	9.10	9.92	10.69	11.40
2500		5.00	5.53	6.05	6.57	7.07	7.56	8.04	8.51	9.41	10.25	11.03	11.72
2600		5.20	5.74	6.29	6.82	7.34	7.84	8.33	8.82	9.73	10.58	11.34	12.04
2850			6.26	6.84	7.40	7.96	8.50	9.01	9.51	10.46	11.31	12.07	12.71
3000			6.57	7.17	7.76	8.32	8.88	9.41	9.92	10.87	11.72	12.45	13.06
3200			6.98	7.61	8.22	8.82	9.38	9.93	10.45	11.40	12.23	12.92	13.46
3400			7.37	8.02	8.66	9.27	9.86	10.41	10.93	11.88	12.67	13.30	13.74
3600			7.77	8.45	9.11	9.73	10.32	10.88	11.40	12.32	13.07	13.61	13.94
3800			8.15	8.85	9.52	10.17	10.76	11.32	11.83	12.72	13.40	13.85	14.04
4000			8.52	9.25	9.93	10.58	11.18	11.73	12.23	13.07	13.67	13.98	14.01
4200			8.89	9.62	10.32	10.97	11.57	12.11	12.59	13.36	13.86	14.04	13.87
4400			9.24	9.98	10.69	11.33	11.93	12.45	12.91	13.61	13.98	13.98	13.60
4600			9.58	10.35	11.05	11.70	12.27	12.77	13.20	13.80	14.03	13.85	13.21
4800			9.92	10.68	11.39	12.02	12.57	13.05	13.44	13.92	13.99	13.59	12.68
5000					11.73	12.35	12.88	13.32	13.67	14.02	13.91	13.25	12.02
5200					12.03	12.62	13.13	13.53	13.82	14.03	13.70	12.78	11.20
5400					12.32	12.89	13.36	13.36	13.93	13.98	13.42	12.19	10.23
5600					12.59	13.14	13.56	13.86	14.02	13.87	13.05	11.50	9.12
6000					13.05	13.52	13.85	14.00	13.99	13.42	12.01	9.68	6.36

Power rating- (kW)

PIX-X'act®-H Classical Belt with 25.4mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.47	0.52	0.57	0.62
200	0.41	0.47	0.52	0.57	0.62	0.68	0.73	0.78	0.84	0.94	1.05	1.15	1.26
300	0.61	0.69	0.77	0.85	0.93	1.01	1.09	1.17	1.25	1.41	1.56	1.72	1.88
400	0.84	0.94	1.05	1.15	1.26	1.36	1.47	1.57	1.68	1.89	2.10	2.31	2.52
500	1.03	1.16	1.29	1.42	1.55	1.69	1.82	1.95	2.08	2.34	2.60	2.87	3.13
600	1.25	1.41	1.56	1.72	1.88	2.04	2.20	2.35	2.51	2.82	3.14	3.45	3.76
700	1.47	1.65	1.84	2.02	2.21	2.39	2.57	2.75	2.94	3.30	3.66	4.02	4.38
800	1.68	1.89	2.10	2.31	2.52	2.73	2.94	3.15	3.35	3.77	4.18	4.59	4.99
950	2.00	2.24	2.49	2.74	2.99	3.24	3.48	3.73	3.97	4.46	4.94	5.42	5.90
1100	2.30	2.59	2.88	3.16	3.45	3.73	4.01	4.30	4.58	5.14	5.69	6.23	6.77
1200	2.50	2.81	3.13	3.44	3.75	4.06	4.36	4.67	4.97	5.58	6.17	6.76	7.34
1300	2.73	3.07	3.41	3.74	4.08	4.41	4.74	5.07	5.40	6.05	6.68	7.31	7.93
1450		3.41	3.78	4.16	4.53	4.90	5.26	5.63	5.99	6.70	7.40	8.08	8.75
1600		3.76	4.17	4.58	4.98	5.39	5.79	6.18	6.58	7.35	8.11	8.84	9.55
1700		4.00	4.43	4.87	5.30	5.72	6.15	6.56	6.98	7.79	8.58	9.34	10.08
1800		4.21	4.67	5.13	5.58	6.03	6.47	6.91	7.34	8.19	9.01	9.80	10.57
1900		4.46	4.94	5.42	5.90	6.37	6.83	7.29	7.74	8.62	9.48	10.29	11.07
2000		4.68	5.19	5.69	6.18	6.67	7.16	7.64	8.11	9.02	9.90	10.74	11.54
2100		4.92	5.45	5.97	6.49	7.00	7.50	8.00	8.49	9.43	10.34	11.19	12.00
2200		5.13	5.68	6.22	6.76	7.29	7.81	8.33	8.83	9.80	10.73	11.60	12.42
2300		5.37	5.95	6.51	7.07	7.62	8.16	8.69	9.21	10.21	11.15	12.04	12.86
2400		5.59	6.18	6.77	7.35	7.92	8.48	9.02	9.55	10.58	11.54	12.43	13.25
2500		5.81	6.43	7.04	7.64	8.22	8.79	9.35	9.90	10.94	11.92	12.82	13.63
2600		6.05	6.68	7.31	7.93	8.53	9.12	9.69	10.25	11.31	12.30	13.19	14.00
2850			7.28	7.95	8.61	9.26	9.88	10.48	11.06	12.16	13.15	14.03	14.78
3000			7.64	8.34	9.02	9.68	10.33	10.94	11.54	12.64	13.63	14.48	15.19
3200			8.12	8.85	9.56	10.25	10.91	11.55	12.15	13.26	14.22	15.02	15.65
3400			8.57	9.33	10.07	10.78	11.46	12.10	12.71	13.81	14.73	15.46	15.98
3600			9.03	9.82	10.59	11.31	12.00	12.65	13.26	14.33	15.20	15.83	16.21
3800			9.48	10.29	11.07	11.82	12.51	13.16	13.76	14.79	15.58	16.10	16.32
4000			9.91	10.75	11.55	12.30	13.00	13.64	14.22	15.20	15.89	16.26	16.29
4200			10.34	11.19	12.00	12.76	13.45	14.08	14.64	15.54	16.12	16.32	16.13
4400			10.74	11.61	12.43	13.18	13.87	14.48	15.01	15.82	16.25	16.26	15.81
4600			11.14	12.03	12.85	13.60	14.27	14.85	15.35	16.05	16.31	16.10	15.36
4800			11.53	12.42	13.24	13.98	14.62	15.18	15.63	16.19	16.27	15.80	14.74
5000					13.64	14.36	14.98	15.49	15.89	16.30	16.17	15.41	13.98
5200					13.99	14.68	15.27	15.73	16.07	16.31	15.93	14.86	13.02
5400					14.32	14.99	15.53	15.94	16.20	16.25	15.61	14.18	11.90
5600					14.64	15.28	15.77	16.12	16.30	16.13	15.18	13.37	10.60
6000					15.18	15.72	16.10	16.28	16.27	15.60	13.96	11.26	7.39

Power rating- (kW)

PIX-X'act®-H Classical Belt with 31.8mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.26	0.30	0.32	0.36	0.40	0.43	0.46	0.50	0.64	0.61	0.67	0.74	0.80
200	0.53	0.61	0.67	0.74	0.80	0.88	0.94	1.01	1.31	1.21	1.35	1.48	1.63
300	0.79	0.89	0.99	1.10	1.20	1.30	1.41	1.51	1.95	1.82	2.01	2.22	2.43
400	1.08	1.21	1.35	1.48	1.63	1.75	1.90	2.03	2.62	2.44	2.71	2.98	3.25
500	1.33	1.50	1.66	1.83	2.00	2.18	2.35	2.52	3.24	3.02	3.35	3.70	4.04
600	1.61	1.82	2.01	2.22	2.43	2.63	2.84	3.03	3.92	3.64	4.05	4.45	4.85
700	1.90	2.13	2.37	2.61	2.85	3.08	3.32	3.55	4.59	4.26	4.72	5.19	5.65
800	2.17	2.44	2.71	2.98	3.25	3.52	3.79	4.06	5.23	4.86	5.39	5.92	6.44
950	2.58	2.89	3.21	3.53	3.86	4.18	4.49	4.81	6.19	5.75	6.37	6.99	7.61
1100	2.97	3.34	3.72	4.08	4.45	4.81	5.17	5.55	7.14	6.63	7.34	8.04	8.73
1200	3.23	3.62	4.04	4.44	4.84	5.24	5.62	6.02	7.75	7.20	7.96	8.72	9.47
1300	3.52	3.96	4.40	4.82	5.26	5.69	6.11	6.54	8.42	7.80	8.62	9.43	10.23
1450		4.40	4.88	5.37	5.84	6.32	6.79	7.26	9.34	8.64	9.55	10.42	11.29
1600		4.85	5.38	5.91	6.42	6.95	7.47	7.97	10.26	9.48	10.46	11.40	12.32
1700		5.16	5.71	6.28	6.84	7.38	7.93	8.46	10.89	10.05	11.07	12.05	13.00
1800		5.43	6.02	6.62	7.20	7.78	8.35	8.91	11.45	10.57	11.62	12.64	13.64
1900		5.75	6.37	6.99	7.61	8.22	8.81	9.40	12.07	11.12	12.23	13.27	14.28
2000		6.04	6.70	7.34	7.97	8.60	9.24	9.86	12.65	11.64	12.77	13.85	14.89
2100		6.35	7.03	7.70	8.37	9.03	9.68	10.32	13.24	12.16	13.34	14.44	15.48
2200		6.62	7.33	8.02	8.72	9.40	10.07	10.75	13.77	12.64	13.84	14.96	16.02
2300		6.93	7.68	8.40	9.12	9.83	10.53	11.21	14.37	13.17	14.38	15.53	16.59
2400		7.21	7.97	8.73	9.48	10.22	10.94	11.64	14.90	13.65	14.89	16.03	17.09
2500		7.49	8.29	9.08	9.86	10.60	11.34	12.06	15.44	14.11	15.38	16.54	17.58
2600		7.80	8.62	9.43	10.23	11.00	11.76	12.50	15.99	14.59	15.87	17.02	18.06
2850			9.39	10.26	11.11	11.95	12.75	13.52	17.25	15.69	16.96	18.10	19.07
3000			9.86	10.76	11.64	12.49	13.33	14.11	18.00	16.31	17.58	18.68	19.60
3200			10.47	11.42	12.33	13.22	14.07	14.90	18.95	17.11	18.34	19.38	20.19
3400			11.06	12.04	12.99	13.91	14.78	15.61	19.83	17.81	19.00	19.94	20.61
3600			11.65	12.67	13.66	14.59	15.48	16.32	20.69	18.49	19.61	20.42	20.91
3800			12.23	13.27	14.28	15.25	16.14	16.98	21.47	19.08	20.10	20.77	21.05
4000			12.78	13.87	14.90	15.87	16.77	17.60	22.18	19.61	20.50	20.98	21.01
4200			13.34	14.44	15.48	16.46	17.35	18.16	22.84	20.05	20.79	21.05	20.81
4400			13.85	14.98	16.03	17.00	17.89	18.68	23.42	20.41	20.96	20.98	20.39
4600			14.37	15.52	16.58	17.54	18.41	19.16	23.95	20.70	21.04	20.77	19.81
4800			14.87	16.02	17.08	18.03	18.86	19.58	24.38	20.89	20.99	20.38	19.01
5000					17.60	18.52	19.32	19.98	24.79	21.03	20.86	19.88	18.03
5200					18.05	18.94	19.70	20.29	25.07	21.04	20.55	19.17	16.80
5400					18.47	19.34	20.03	20.05	25.27	20.96	20.14	18.29	15.35
5600					18.89	19.71	20.34	20.79	25.43	20.81	19.58	17.25	13.67
6000					19.58	20.28	20.77	21.00	25.38	20.12	18.01	14.53	9.53

Power rating- (kW) PIX-X'act®-H Classical Belt with 38.1mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.31	0.36	0.39	0.44	0.48	0.51	0.56	0.61	0.64	0.73	0.81	0.89	0.97
200	0.64	0.73	0.81	0.89	0.97	1.06	1.14	1.22	1.31	1.47	1.64	1.79	1.97
300	0.95	1.08	1.20	1.33	1.45	1.58	1.70	1.83	1.95	2.20	2.43	2.68	2.93
400	1.31	1.47	1.64	1.79	1.97	2.12	2.29	2.45	2.62	2.95	3.28	3.60	3.93
500	1.61	1.81	2.01	2.22	2.42	2.64	2.84	3.04	3.24	3.65	4.06	4.48	4.88
600	1.95	2.20	2.43	2.68	2.93	3.18	3.43	3.67	3.92	4.40	4.90	5.38	5.87
700	2.29	2.57	2.87	3.15	3.45	3.73	4.01	4.29	4.59	5.15	5.71	6.27	6.83
800	2.62	2.95	3.28	3.60	3.93	4.26	4.59	4.91	5.23	5.88	6.52	7.16	7.78
950	3.12	3.49	3.88	4.27	4.66	5.05	5.43	5.82	6.19	6.96	7.71	8.46	9.20
1100	3.59	4.04	4.49	4.93	5.38	5.82	6.26	6.71	7.14	8.02	8.88	9.72	10.56
1200	3.90	4.38	4.88	5.37	5.85	6.33	6.80	7.29	7.75	8.70	9.63	10.55	11.45
1300	4.26	4.79	5.32	5.83	6.36	6.88	7.39	7.91	8.42	9.44	10.42	11.40	12.37
1450		5.32	5.90	6.49	7.07	7.64	8.21	8.78	9.34	10.45	11.54	12.60	13.65
1600		5.87	6.51	7.14	7.77	8.41	9.03	9.64	10.26	11.47	12.65	13.79	14.90
1700		6.24	6.91	7.60	8.27	8.92	9.59	10.23	10.89	12.15	13.38	14.57	15.72
1800		6.57	7.29	8.00	8.70	9.41	10.09	10.78	11.45	12.78	14.06	15.29	16.49
1900		6.96	7.71	8.46	9.20	9.94	10.65	11.37	12.07	13.45	14.79	16.05	17.27
2000		7.30	8.10	8.88	9.64	10.41	11.17	11.92	12.65	14.07	15.44	16.75	18.00
2100		7.68	8.50	9.31	10.12	10.92	11.70	12.48	13.24	14.71	16.13	17.46	18.72
2200		8.00	8.86	9.70	10.55	11.37	12.18	12.99	13.77	15.29	16.74	18.10	19.38
2300		8.38	9.28	10.16	11.03	11.89	12.73	13.56	14.37	15.93	17.39	18.78	20.06
2400		8.72	9.64	10.56	11.47	12.36	13.23	14.07	14.90	16.50	18.00	19.39	20.67
2500		9.06	10.03	10.98	11.92	12.82	13.71	14.59	15.44	17.07	18.60	20.00	21.26
2600		9.44	10.42	11.40	12.37	13.31	14.23	15.12	15.99	17.64	19.19	20.58	21.84
2850			11.36	12.40	13.43	14.45	15.41	16.35	17.25	18.97	20.51	21.89	23.06
3000			11.92	13.01	14.07	15.10	16.11	17.07	18.00	19.72	21.26	22.59	23.70
3200			12.67	13.81	14.91	15.99	17.02	18.02	18.95	20.69	22.18	23.43	24.41
3400			13.37	14.55	15.71	16.82	17.88	18.88	19.83	21.54	22.98	24.12	24.93
3600			14.09	15.32	16.52	17.64	18.72	19.73	20.69	22.35	23.71	24.69	25.29
3800			14.79	16.05	17.27	18.44	19.52	20.53	21.47	23.07	24.30	25.12	25.46
4000			15.46	16.77	18.02	19.19	20.28	21.28	22.18	23.71	24.79	25.37	25.41
4200			16.13	17.46	18.72	19.91	20.98	21.96	22.84	24.24	25.15	25.46	25.16
4400			16.75	18.11	19.39	20.56	21.64	22.59	23.42	24.68	25.35	25.37	24.66
4600			17.38	18.77	20.05	21.22	22.26	23.17	23.95	25.04	25.44	25.12	23.96
4800			17.99	19.38	20.65	21.81	22.81	23.68	24.38	25.26	25.38	24.65	22.99
5000					21.28	22.40	23.37	24.16	24.79	25.43	25.23	24.04	21.81
5200					21.82	22.90	23.82	24.54	25.07	25.44	24.85	23.18	20.31
5400					22.34	23.38	24.23	24.24	25.27	25.35	24.35	22.12	18.56
5600					22.84	23.84	24.60	25.15	25.43	25.16	23.68	20.86	16.54
6000					23.68	24.52	25.12	25.40	25.38	24.34	21.78	17.57	11.53

Power rating- (kW)

PIX-X'act®-H Classical Belt with 44.5mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.37	0.42	0.46	0.52	0.57	0.61	0.66	0.72	0.75	0.86	0.96	1.05	1.14
200	0.75	0.86	0.96	1.05	1.14	1.25	1.34	1.44	1.55	1.73	1.93	2.12	2.32
300	1.12	1.27	1.42	1.56	1.71	1.86	2.01	2.15	2.30	2.59	2.87	3.16	3.46
400	1.55	1.73	1.93	2.12	2.32	2.50	2.70	2.89	3.09	3.48	3.86	4.25	4.64
500	1.90	2.13	2.37	2.61	2.85	3.11	3.35	3.59	3.83	4.31	4.78	5.28	5.76
600	2.30	2.59	2.87	3.16	3.46	3.75	4.05	4.32	4.62	5.19	5.78	6.35	6.92
700	2.70	3.04	3.39	3.72	4.07	4.40	4.73	5.06	5.41	6.07	6.73	7.40	8.06
800	3.09	3.48	3.86	4.25	4.64	5.02	5.41	5.80	6.16	6.94	7.69	8.45	9.18
950	3.68	4.12	4.58	5.04	5.50	5.96	6.40	6.86	7.30	8.21	9.09	9.97	10.86
1100	4.23	4.77	5.30	5.81	6.35	6.86	7.38	7.91	8.43	9.46	10.47	11.46	12.46
1200	4.60	5.17	5.76	6.33	6.90	7.47	8.02	8.59	9.14	10.27	11.35	12.44	13.51
1300	5.02	5.65	6.27	6.88	7.51	8.11	8.72	9.33	9.94	11.13	12.29	13.45	14.59
1450		6.27	6.96	7.65	8.34	9.02	9.68	10.36	11.02	12.33	13.62	14.87	16.10
1600		6.92	7.67	8.43	9.16	9.92	10.65	11.37	12.11	13.52	14.92	16.27	17.57
1700		7.36	8.15	8.96	9.75	10.52	11.32	12.07	12.84	14.33	15.79	17.19	18.55
1800		7.75	8.59	9.44	10.27	11.10	11.90	12.71	13.51	15.07	16.58	18.03	19.45
1900		8.21	9.09	9.97	10.86	11.72	12.57	13.41	14.24	15.86	17.44	18.93	20.37
2000		8.61	9.55	10.47	11.37	12.27	13.17	14.06	14.92	16.60	18.22	19.76	21.23
2100		9.05	10.03	10.98	11.94	12.88	13.80	14.72	15.62	17.35	19.03	20.59	22.08
2200		9.44	10.45	11.44	12.44	13.41	14.37	15.33	16.25	18.03	19.74	21.34	22.85
2300		9.88	10.95	11.98	13.01	14.02	15.01	15.99	16.95	18.79	20.52	22.15	23.66
2400		10.29	11.37	12.46	13.52	14.57	15.60	16.60	17.57	19.47	21.23	22.87	24.38
2500		10.69	11.83	12.95	14.06	15.12	16.17	17.20	18.22	20.13	21.93	23.59	25.08
2600		11.13	12.29	13.45	14.59	15.70	16.78	17.83	18.86	20.81	22.63	24.27	25.76
2850			13.40	14.63	15.84	17.04	18.18	19.28	20.35	22.37	24.20	25.82	27.20
3000			14.06	15.35	16.60	17.81	19.01	20.13	21.23	23.26	25.08	26.64	27.95
3200			14.94	16.28	17.59	18.86	20.07	21.25	22.36	24.40	26.16	27.64	28.80
3400			15.77	17.17	18.53	19.84	21.09	22.26	23.39	25.41	27.10	28.45	29.40
3600			16.62	18.07	19.49	20.81	22.08	23.28	24.40	26.37	27.97	29.13	29.83
3800			17.44	18.93	20.37	21.75	23.02	24.21	25.32	27.21	28.67	29.62	30.03
4000			18.23	19.78	21.25	22.63	23.92	25.10	26.16	27.97	29.24	29.92	29.97
4200			19.03	20.59	22.08	23.48	24.75	25.91	26.94	28.59	29.66	30.03	29.68
4400			19.76	21.36	22.87	24.25	25.52	26.64	27.62	29.11	29.90	29.92	29.09
4600			20.50	22.14	23.64	25.02	26.26	27.32	28.24	29.53	30.01	29.62	28.26
4800			21.22	22.85	24.36	25.72	26.90	27.93	28.76	29.79	29.94	29.07	27.12
5000					25.10	26.42	27.56	28.50	29.24	29.99	29.75	28.35	25.72
5200					25.74	27.01	28.10	28.94	29.57	30.01	29.31	27.34	23.96
5400					26.35	27.58	28.58	28.59	29.81	29.90	28.72	26.09	21.90
5600					26.94	28.12	29.02	29.66	29.99	29.68	27.93	24.60	19.50
6000					27.93	28.92	29.62	29.96	29.94	28.70	25.69	20.72	13.60

Power rating- (kW) PIX-X'act®-H Classical Belt with 50.8mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.43	0.49	0.54	0.60	0.66	0.71	0.77	0.83	0.88	1.01	1.11	1.22	1.33
200	0.88	1.01	1.11	1.22	1.33	1.46	1.56	1.67	1.80	2.01	2.25	2.46	2.70
300	1.31	1.48	1.65	1.82	1.99	2.16	2.33	2.50	2.68	3.02	3.34	3.68	4.02
400	1.80	2.01	2.25	2.46	2.70	2.91	3.15	3.36	3.60	4.04	4.49	4.94	5.39
500	2.20	2.48	2.76	3.04	3.32	3.62	3.89	4.17	4.45	5.01	5.56	6.14	6.70
600	2.68	3.02	3.34	3.68	4.02	4.37	4.71	5.03	5.37	6.03	6.72	7.38	8.05
700	3.15	3.53	3.94	4.32	4.73	5.11	5.50	5.89	6.29	7.06	7.83	8.60	9.37
800	3.60	4.04	4.49	4.94	5.39	5.84	6.29	6.74	7.17	8.07	8.95	9.82	10.68
950	4.28	4.79	5.33	5.86	6.40	6.93	7.45	7.98	8.50	9.54	10.57	11.60	12.63
1100	4.92	5.54	6.16	6.76	7.38	7.98	8.58	9.20	9.80	11.00	12.18	13.33	14.49
1200	5.35	6.01	6.70	7.36	8.03	8.69	9.33	9.99	10.64	11.94	13.20	14.47	15.71
1300	5.84	6.57	7.30	8.00	8.73	9.44	10.14	10.85	11.56	12.95	14.30	15.64	16.97
1450		7.30	8.09	8.90	9.69	10.49	11.26	12.05	12.82	14.34	15.84	17.29	18.73
1600		8.05	8.92	9.80	10.66	11.53	12.39	13.23	14.08	15.73	17.36	18.92	20.44
1700		8.56	9.48	10.42	11.34	12.24	13.16	14.04	14.94	16.67	18.36	19.99	21.57
1800		9.01	9.99	10.98	11.94	12.90	13.85	14.79	15.71	17.53	19.28	20.97	22.62
1900		9.54	10.57	11.60	12.63	13.63	14.62	15.60	16.56	18.45	20.29	22.02	23.69
2000		10.02	11.11	12.18	13.23	14.27	15.32	16.35	17.36	19.30	21.19	22.98	24.70
2100		10.53	11.66	12.78	13.89	14.98	16.05	17.12	18.17	20.18	22.13	23.95	25.68
2200		10.98	12.16	13.31	14.47	15.60	16.71	17.83	18.90	20.97	22.96	24.82	26.58
2300		11.49	12.73	13.93	15.13	16.31	17.46	18.60	19.71	21.85	23.86	25.77	27.52
2400		11.96	13.23	14.49	15.73	16.95	18.15	19.30	20.44	22.64	24.70	26.60	28.36
2500		12.43	13.76	15.07	16.35	17.59	18.81	20.01	21.19	23.41	25.51	27.43	29.17
2600		12.95	14.30	15.64	16.97	18.25	19.52	20.74	21.94	24.20	26.32	28.23	29.96
2850			15.58	17.01	18.43	19.82	21.14	22.43	23.67	26.02	28.14	30.02	31.63
3000			16.35	17.85	19.30	20.72	22.11	23.41	24.70	27.05	29.17	30.99	32.51
3200			17.38	18.94	20.46	21.94	23.35	24.72	26.00	28.38	30.43	32.14	33.49
3400			18.34	19.97	21.55	23.07	24.52	25.89	27.20	29.55	31.52	33.08	34.20
3600			19.32	21.01	22.66	24.20	25.68	27.07	28.38	30.67	32.53	33.88	34.69
3800			20.29	22.02	23.69	25.29	26.77	28.16	29.45	31.65	33.34	34.45	34.92
4000			21.21	23.01	24.72	26.32	27.82	29.19	30.43	32.53	34.00	34.80	34.86
4200			22.13	23.95	25.68	27.31	28.78	30.13	31.33	33.26	34.50	34.92	34.52
4400			22.98	24.85	26.60	28.21	29.68	30.99	32.12	33.85	34.78	34.80	33.83
4600			23.84	25.74	27.50	29.10	30.54	31.78	32.85	34.35	34.90	34.45	32.87
4800			24.67	26.58	28.33	29.92	31.29	32.49	33.45	34.65	34.82	33.81	31.54
5000					29.19	30.73	32.06	33.15	34.00	34.88	34.60	32.98	29.92
5200					29.94	31.42	32.68	33.66	34.39	34.90	34.09	31.80	27.86
5400					30.64	32.08	33.23	33.26	34.67	34.78	33.41	30.35	25.47
5600					31.33	32.70	33.75	34.50	34.88	34.52	32.49	28.61	22.68
6000					32.49	33.64	34.45	34.84	34.82	33.38	29.87	24.10	15.81

Power rating- (kW) PIX-X'act®-H Classical Belt with 63.5mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.54	0.63	0.68	0.76	0.84	0.90	0.98	1.06	1.12	1.28	1.41	1.55	1.69
200	1.12	1.28	1.41	1.55	1.69	1.85	1.99	2.12	2.28	2.56	2.86	3.13	3.43
300	1.66	1.88	2.09	2.31	2.53	2.75	2.96	3.18	3.40	3.84	4.24	4.68	5.11
400	2.28	2.56	2.86	3.13	3.43	3.70	4.00	4.27	4.57	5.14	5.71	6.28	6.85
500	2.80	3.16	3.51	3.86	4.22	4.60	4.95	5.30	5.66	6.36	7.07	7.81	8.51
600	3.40	3.84	4.24	4.68	5.11	5.55	5.98	6.39	6.83	7.67	8.54	9.38	10.23
700	4.00	4.49	5.00	5.49	6.01	6.50	6.99	7.48	8.00	8.98	9.96	10.93	11.91
800	4.57	5.14	5.71	6.28	6.85	7.43	8.00	8.57	9.11	10.25	11.37	12.48	13.57
950	5.44	6.09	6.77	7.45	8.13	8.81	9.47	10.15	10.80	12.13	13.44	14.74	16.05
1100	6.26	7.04	7.83	8.60	9.38	10.15	10.91	11.70	12.46	13.98	15.48	16.95	18.41
1200	6.80	7.64	8.51	9.36	10.20	11.04	11.86	12.70	13.52	15.18	16.78	18.39	19.96
1300	7.43	8.35	9.28	10.17	11.10	12.00	12.89	13.79	14.69	16.46	18.17	19.88	21.57
1450		9.28	10.28	11.32	12.32	13.33	14.31	15.31	16.29	18.22	20.13	21.98	23.80
1600		10.23	11.34	12.46	13.55	14.66	15.75	16.81	17.90	19.99	22.06	24.04	25.98
1700		10.88	12.05	13.25	14.42	15.56	16.73	17.84	18.99	21.19	23.34	25.40	27.42
1800		11.45	12.70	13.95	15.18	16.40	17.60	18.80	19.96	22.28	24.51	26.66	28.75
1900		12.13	13.44	14.74	16.05	17.33	18.58	19.83	21.05	23.45	25.79	27.99	30.11
2000		12.73	14.12	15.48	16.81	18.14	19.48	20.78	22.06	24.53	26.93	29.21	31.39
2100		13.38	14.82	16.24	17.65	19.04	20.40	21.76	23.09	25.65	28.12	30.44	32.64
2200		13.95	15.45	16.92	18.39	19.83	21.24	22.66	24.02	26.66	29.19	31.55	33.78
2300		14.61	16.18	17.71	19.23	20.73	22.20	23.64	25.05	27.77	30.33	32.75	34.98
2400		15.20	16.81	18.41	19.99	21.54	23.07	24.53	25.98	28.78	31.39	33.81	36.04
2500		15.80	17.49	19.15	20.78	22.36	23.91	25.43	26.93	29.76	32.42	34.87	37.07
2600		16.46	18.17	19.88	21.57	23.20	24.81	26.36	27.88	30.76	33.46	35.88	38.08
2850			19.80	21.62	23.42	25.19	26.87	28.51	30.08	33.08	35.77	38.16	40.20
3000			20.78	22.68	24.53	26.33	28.10	29.76	31.39	34.38	37.07	39.39	41.32
3200			22.09	24.07	26.00	27.88	29.68	31.42	33.05	36.07	38.68	40.85	42.57
3400			23.31	25.38	27.39	29.32	31.17	32.91	34.57	37.56	40.07	42.05	43.47
3600			24.56	26.71	28.80	30.76	32.64	34.41	36.07	38.98	41.34	43.06	44.09
3800			25.79	27.99	30.11	32.15	34.03	35.80	37.43	40.23	42.38	43.79	44.39
4000			26.96	29.24	31.42	33.46	35.36	37.10	38.68	41.34	43.22	44.23	44.31
4200			28.12	30.44	32.64	34.71	36.58	38.30	39.82	42.27	43.85	44.39	43.87
4400			29.21	31.58	33.81	35.85	37.73	39.39	40.83	43.03	44.20	44.23	43.00
4600			30.30	32.72	34.95	36.99	38.81	40.39	41.75	43.66	44.36	43.79	41.78
4800			31.36	33.78	36.01	38.03	39.77	41.29	42.51	44.04	44.25	42.98	40.09
5000					37.10	39.06	40.75	42.13	43.22	44.34	43.98	41.92	38.03
5200					38.05	39.93	41.53	42.79	43.71	44.36	43.33	40.42	35.41
5400					38.95	40.77	42.24	42.27	44.06	44.20	42.46	38.57	32.37
5600					39.82	41.56	42.89	43.85	44.34	43.87	41.29	36.37	28.83
6000					41.29	42.76	43.79	44.28	44.25	42.43	37.97	30.63	20.10

Power rating- (kW)

PIX-X'act®-H Classical Belt with 76.2mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.67	0.77	0.84	0.94	1.04	1.11	1.21	1.31	1.38	1.58	1.75	1.92	2.08
200	1.38	1.58	1.75	1.92	2.08	2.28	2.45	2.62	2.82	3.16	3.53	3.86	4.23
300	2.05	2.32	2.59	2.86	3.12	3.39	3.66	3.93	4.20	4.74	5.24	5.78	6.32
400	2.82	3.16	3.53	3.86	4.23	4.57	4.94	5.28	5.64	6.35	7.06	7.76	8.47
500	3.46	3.90	4.33	4.77	5.21	5.68	6.12	6.55	6.99	7.86	8.74	9.64	10.52
600	4.20	4.74	5.24	5.78	6.32	6.85	7.39	7.90	8.43	9.48	10.55	11.59	12.63
700	4.94	5.54	6.18	6.79	7.43	8.03	8.64	9.24	9.88	11.09	12.30	13.51	14.72
800	5.64	6.35	7.06	7.76	8.47	9.17	9.88	10.58	11.26	12.67	14.04	15.42	16.77
950	6.72	7.53	8.37	9.21	10.05	10.89	11.69	12.53	13.34	14.99	16.60	18.21	19.82
1100	7.73	8.70	9.68	10.62	11.59	12.53	13.47	14.45	15.39	17.27	19.12	20.93	22.75
1200	8.40	9.44	10.52	11.56	12.60	13.64	14.65	15.69	16.70	18.75	20.73	22.71	24.66
1300	9.17	10.32	11.46	12.57	13.71	14.82	15.93	17.04	18.14	20.33	22.44	24.56	26.64
1450		11.46	12.70	13.98	15.22	16.46	17.67	18.92	20.13	22.51	24.86	27.15	29.40
1600		12.63	14.01	15.39	16.73	18.11	19.45	20.76	22.11	24.70	27.25	29.70	32.09
1700		13.44	14.88	16.36	17.81	19.22	20.66	22.04	23.45	26.17	28.83	31.38	33.87
1800		14.15	15.69	17.24	18.75	20.26	21.74	23.22	24.66	27.52	30.27	32.93	35.52
1900		14.99	16.60	18.21	19.82	21.40	22.95	24.49	26.01	28.96	31.85	34.57	37.20
2000		15.72	17.44	19.12	20.76	22.41	24.06	25.67	27.25	30.31	33.26	36.09	38.77
2100		16.53	18.31	20.06	21.81	23.52	25.20	26.88	28.53	31.68	34.74	37.60	40.32
2200		17.24	19.08	20.90	22.71	24.49	26.24	27.99	29.67	32.93	36.05	38.98	41.73
2300		18.04	19.99	21.87	23.76	25.60	27.42	29.20	30.95	34.31	37.46	40.45	43.21
2400		18.78	20.76	22.75	24.70	26.61	28.49	30.31	32.09	35.55	38.77	41.76	44.52
2500		19.52	21.60	23.65	25.67	27.62	29.53	31.42	33.26	36.76	40.05	43.08	45.80
2600		20.33	22.44	24.56	26.64	28.66	30.64	32.56	34.44	38.00	41.33	44.32	47.04
2850			24.46	26.71	28.93	31.11	33.20	35.21	37.16	40.86	44.18	47.14	49.66
3000			25.67	28.02	30.31	32.52	34.71	36.76	38.77	42.47	45.80	48.65	51.04
3200			27.28	29.74	32.12	34.44	36.66	38.81	40.82	44.55	47.78	50.47	52.58
3400			28.80	31.35	33.84	36.22	38.51	40.66	42.71	46.40	49.49	51.95	53.69
3600			30.34	33.00	35.58	38.00	40.32	42.50	44.55	48.15	51.07	53.19	54.47
3800			31.85	34.57	37.20	39.72	42.03	44.22	46.23	49.69	52.35	54.10	54.84
4000			33.30	36.12	38.81	41.33	43.68	45.83	47.78	51.07	53.39	54.63	54.73
4200			34.74	37.60	40.32	42.87	45.19	47.31	49.19	52.21	54.16	54.84	54.20
4400			36.09	39.01	41.76	44.28	46.60	48.65	50.43	53.16	54.60	54.63	53.12
4600			37.43	40.42	43.18	45.70	47.95	49.90	51.58	53.93	54.80	54.10	51.61
4800			38.74	41.73	44.49	46.97	49.12	51.00	52.52	54.40	54.67	53.09	49.53
5000					45.83	48.25	50.33	52.05	53.39	54.77	54.33	51.78	46.97
5200					47.01	49.32	51.31	52.85	54.00	54.80	53.52	49.93	43.75
5400					48.12	50.37	52.18	52.21	54.43	54.60	52.45	47.64	39.98
5600					49.19	51.34	52.99	54.16	54.77	54.20	51.00	44.92	35.62
6000					51.00	52.82	54.10	54.70	54.67	52.42	46.91	37.83	24.83

Power rating- (kW) PIX-X'act®-H Classical Belt with 88.9mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	0.81	0.93	1.02	1.14	1.26	1.34	1.46	1.58	1.66	1.91	2.11	2.31	2.52
200	1.66	1.91	2.11	2.31	2.52	2.76	2.96	3.17	3.41	3.82	4.26	4.67	5.12
300	2.48	2.80	3.13	3.45	3.78	4.10	4.43	4.75	5.08	5.72	6.33	6.98	7.63
400	3.41	3.82	4.26	4.67	5.12	5.52	5.97	6.37	6.82	7.67	8.53	9.38	10.23
500	4.18	4.71	5.24	5.77	6.29	6.86	7.39	7.92	8.44	9.50	10.56	11.65	12.71
600	5.08	5.72	6.33	6.98	7.63	8.28	8.93	9.54	10.19	11.45	12.75	14.01	15.27
700	5.97	6.70	7.47	8.20	8.97	9.70	10.43	11.17	11.94	13.40	14.86	16.32	17.78
800	6.82	7.67	8.53	9.38	10.23	11.08	11.94	12.79	13.60	15.31	16.97	18.64	20.26
950	8.12	9.09	10.11	11.12	12.14	13.15	14.13	15.14	16.12	18.11	20.06	22.01	23.95
1100	9.34	10.52	11.69	12.83	14.01	15.14	16.28	17.46	18.59	20.87	23.10	25.29	27.49
1200	10.15	11.41	12.71	13.97	15.23	16.48	17.70	18.96	20.18	22.65	25.05	27.45	29.80
1300	11.08	12.46	13.84	15.18	16.56	17.90	19.24	20.58	21.92	24.56	27.12	29.68	32.20
1450		13.84	15.35	16.89	18.39	19.89	21.36	22.86	24.32	27.20	30.04	32.80	35.53
1600		15.27	16.93	18.59	20.22	21.88	23.51	25.09	26.71	29.84	32.93	35.89	38.77
1700		16.24	17.99	19.77	21.52	23.22	24.97	26.63	28.34	31.63	34.83	37.92	40.92
1800		17.09	18.96	20.83	22.65	24.48	26.27	28.05	29.80	33.25	36.58	39.79	42.91
1900		18.11	20.06	22.01	23.95	25.86	27.73	29.60	31.42	35.00	38.49	41.78	44.94
2000		19.00	21.07	23.10	25.09	27.08	29.07	31.02	32.93	36.62	40.19	43.60	46.85
2100		19.98	22.13	24.24	26.35	28.42	30.45	32.48	34.47	38.29	41.98	45.43	48.72
2200		20.83	23.06	25.25	27.45	29.60	31.71	33.82	35.85	39.79	43.56	47.10	50.43
2300		21.80	24.16	26.43	28.70	30.94	33.13	35.28	37.39	41.45	45.27	48.88	52.21
2400		22.70	25.09	27.49	29.84	32.16	34.43	36.62	38.77	42.95	46.85	50.47	53.80
2500		23.59	26.11	28.58	31.02	33.37	35.69	37.96	40.19	44.42	48.40	52.05	55.34
2600		24.56	27.12	29.68	32.20	34.63	37.03	39.34	41.62	45.92	49.94	53.55	56.84
2850			29.56	32.28	34.96	37.60	40.11	42.55	44.90	49.37	53.39	56.96	60.01
3000			31.02	33.86	36.62	39.30	41.94	44.42	46.85	51.32	55.34	58.79	61.67
3200			32.97	35.93	38.81	41.62	44.29	46.89	49.33	53.84	57.73	60.98	63.54
3400			34.79	37.88	40.88	43.77	46.53	49.13	51.60	56.07	59.80	62.77	64.88
3600			36.66	39.87	43.00	45.92	48.72	51.36	53.84	58.18	61.71	64.27	65.81
3800			38.49	41.78	44.94	47.99	50.79	53.43	55.87	60.05	63.25	65.37	66.26
4000			40.23	43.65	46.89	49.94	52.78	55.38	57.73	61.71	64.51	66.02	66.14
4200			41.98	45.43	48.72	51.81	54.61	57.16	59.44	63.09	65.45	66.26	65.49
4400			43.60	47.14	50.47	53.51	56.31	58.79	60.94	64.23	65.98	66.02	64.19
4600			45.23	48.84	52.17	55.22	57.94	60.29	62.32	65.16	66.22	65.37	62.36
4800			46.81	50.43	53.75	56.76	59.36	61.63	63.46	65.73	66.06	64.15	59.84
5000					55.38	58.30	60.82	62.89	64.51	66.18	65.65	62.56	56.76
5200					56.80	59.60	62.00	63.86	65.24	66.22	64.68	60.33	52.86
5400					58.14	60.86	63.05	63.09	65.77	65.98	63.38	57.57	48.31
5600					59.44	62.04	64.03	65.45	66.18	65.49	61.63	54.28	43.04
6000					61.63	63.82	65.37	66.10	66.06	63.34	56.68	45.72	30.00

Power rating- (kW)

PIX-X'act®-H Classical Belt with 101.6mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	1.23	1.41	1.54	1.72	1.91	2.03	2.21	2.40	2.52	2.89	3.20	3.51	3.81
200	2.52	2.89	3.20	3.51	3.81	4.18	4.49	4.80	5.17	5.78	6.46	7.07	7.75
300	3.75	4.24	4.74	5.23	5.72	6.21	6.70	7.20	7.69	8.67	9.59	10.58	11.56
400	5.17	5.78	6.46	7.07	7.75	8.36	9.04	9.66	10.33	11.62	12.92	14.21	15.50
500	6.33	7.13	7.93	8.73	9.53	10.39	11.19	11.99	12.79	14.39	15.99	17.65	19.25
600	7.69	8.67	9.59	10.58	11.56	12.55	13.53	14.45	15.44	17.34	19.31	21.22	23.12
700	9.04	10.15	11.32	12.42	13.59	14.70	15.81	16.91	18.08	20.30	22.51	24.72	26.94
800	10.33	11.62	12.92	14.21	15.50	16.79	18.08	19.37	20.60	23.19	25.71	28.23	30.69
950	12.30	13.78	15.31	16.85	18.39	19.93	21.40	22.94	24.42	27.43	30.38	33.33	36.29
1100	14.15	15.93	17.71	19.43	21.22	22.94	24.66	26.45	28.17	31.61	34.99	38.31	41.64
1200	15.38	17.28	19.25	21.16	23.06	24.97	26.81	28.72	30.57	34.32	37.95	41.57	45.14
1300	16.79	18.88	20.97	23.00	25.09	27.12	29.15	31.18	33.21	37.21	41.08	44.96	48.77
1450		20.97	23.25	25.58	27.86	30.14	32.35	34.62	36.84	41.21	45.51	49.69	53.81
1600		23.12	25.65	28.17	30.63	33.15	35.61	38.01	40.47	45.20	49.88	54.37	58.73
1700		24.60	27.24	29.95	32.60	35.18	37.82	40.34	42.93	47.91	52.77	57.44	61.99
1800		25.89	28.72	31.55	34.32	37.08	39.79	42.50	45.14	50.37	55.41	60.27	65.01
1900		27.43	30.38	33.33	36.29	39.18	42.00	44.83	47.60	53.01	58.30	63.28	68.08
2000		28.78	31.92	34.99	38.01	41.02	44.03	46.99	49.88	55.47	60.89	66.05	70.97
2100		30.26	33.52	36.72	39.91	43.05	46.13	49.20	52.21	57.99	63.59	68.82	73.80
2200		31.55	34.93	38.25	41.57	44.83	48.03	51.23	54.30	60.27	65.99	71.34	76.38
2300		33.03	36.59	40.04	43.48	46.86	50.18	53.44	56.64	62.79	68.57	74.05	79.09
2400		34.38	38.01	41.64	45.20	48.71	52.15	55.47	58.73	65.07	70.97	76.44	81.49
2500		35.73	39.54	43.30	46.99	50.55	54.06	57.50	60.89	67.28	73.31	78.84	83.82
2600		37.21	41.08	44.96	48.77	52.46	56.09	59.59	63.04	69.56	75.65	81.12	86.10
2850			44.77	48.89	52.95	56.95	60.76	64.45	68.02	74.78	80.87	86.28	90.90
3000			46.99	51.29	55.47	59.53	63.53	67.28	70.97	77.74	83.82	89.05	93.42
3200			49.94	54.43	58.79	63.04	67.10	71.03	74.72	81.55	87.45	92.37	96.25
3400			52.71	57.38	61.93	66.30	70.48	74.42	78.17	84.93	90.59	95.08	98.28
3600			55.53	60.39	65.13	69.56	73.80	77.80	81.55	88.13	93.48	97.35	99.69
3800			58.30	63.28	68.08	72.69	76.94	80.93	84.62	90.96	95.82	99.02	100.37
4000			60.95	66.11	71.03	75.65	79.95	83.89	87.45	93.48	97.72	100.00	100.18
4200			63.59	68.82	73.80	78.47	82.72	86.59	90.04	95.57	99.14	100.37	99.20
4400			66.05	71.40	76.44	81.06	85.30	89.05	92.31	97.29	99.94	100.00	97.23
4600			68.51	73.98	79.03	83.64	87.76	91.33	94.40	98.71	100.31	99.02	94.46
4800			70.91	76.38	81.43	85.98	89.91	93.36	96.12	99.57	100.06	97.17	90.65
5000					83.89	88.31	92.13	95.26	97.72	100.25	99.45	94.77	85.98
5200					86.04	90.28	93.91	96.74	98.83	100.31	97.97	91.39	80.07
5400					88.07	92.19	95.51	95.57	99.63	99.94	96.00	87.21	73.19
5600					90.04	93.97	96.99	99.14	100.25	99.20	93.36	82.23	65.19
6000					93.36	96.68	99.02	100.12	100.06	95.94	85.85	69.25	45.45

Power rating- (kW) PIX-X'act®-H Classical Belt with 127mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	1.50	1.73	1.88	2.10	2.33	2.48	2.70	2.93	3.08	3.53	3.90	4.28	4.65
200	3.08	3.53	3.90	4.28	4.65	5.10	5.48	5.85	6.30	7.05	7.88	8.63	9.45
300	4.58	5.18	5.78	6.38	6.98	7.58	8.18	8.78	9.38	10.58	11.70	12.90	14.10
400	6.30	7.05	7.88	8.63	9.45	10.20	11.03	11.78	12.60	14.18	15.75	17.33	18.90
500	7.73	8.70	9.68	10.65	11.63	12.68	13.65	14.63	15.60	17.55	19.50	21.53	23.48
600	9.38	10.58	11.70	12.90	14.10	15.30	16.50	17.63	18.83	21.15	23.55	25.88	28.20
700	11.03	12.38	13.80	15.15	16.58	17.93	19.28	20.63	22.05	24.75	27.45	30.15	32.85
800	12.60	14.18	15.75	17.33	18.90	20.48	22.05	23.63	25.13	28.28	31.35	34.43	37.43
950	15.00	16.80	18.68	20.55	22.43	24.30	26.10	27.98	29.78	33.45	37.05	40.65	44.25
1100	17.25	19.43	21.60	23.70	25.88	27.98	30.08	32.25	34.35	38.55	42.68	46.73	50.78
1200	18.75	21.08	23.48	25.80	28.13	30.45	32.70	35.03	37.28	41.85	46.28	50.70	55.05
1300	20.48	23.03	25.58	28.05	30.60	33.08	35.55	38.03	40.50	45.38	50.10	54.83	59.48
1450		25.58	28.35	31.20	33.98	36.75	39.45	42.23	44.93	50.25	55.50	60.60	65.63
1600		28.20	31.28	34.35	37.35	40.43	43.43	46.35	49.35	55.13	60.83	66.30	71.63
1700		30.00	33.23	36.53	39.75	42.90	46.13	49.20	52.35	58.43	64.35	70.05	75.60
1800		31.58	35.03	38.48	41.85	45.23	48.53	51.83	55.05	61.43	67.58	73.50	79.28
1900		33.45	37.05	40.65	44.25	47.78	51.23	54.68	58.05	64.65	71.10	77.18	83.03
2000		35.10	38.93	42.68	46.35	50.03	53.70	57.30	60.83	67.65	74.25	80.55	86.55
2100		36.90	40.88	44.78	48.68	52.50	56.25	60.00	63.68	70.73	77.55	83.93	90.00
2200		38.48	42.60	46.65	50.70	54.68	58.58	62.48	66.23	73.50	80.48	87.00	93.15
2300		40.28	44.63	48.83	53.03	57.15	61.20	65.18	69.08	76.58	83.63	90.30	96.45
2400		41.93	46.35	50.78	55.13	59.40	63.60	67.65	71.63	79.35	86.55	93.23	99.38
2500		43.58	48.23	52.80	57.30	61.65	65.93	70.13	74.25	82.05	89.40	96.15	102.23
2600		45.38	50.10	54.83	59.48	63.98	68.40	72.68	76.88	84.83	92.25	98.93	105.00
2850			54.60	59.63	64.58	69.45	74.10	78.60	82.95	91.20	98.63	105.23	110.85
3000			57.30	62.55	67.65	72.60	77.48	82.05	86.55	94.80	102.23	108.60	113.93
3200			60.90	66.38	71.70	76.88	81.83	86.63	91.13	99.45	106.65	112.65	117.38
3400			64.28	69.98	75.53	80.85	85.95	90.75	95.33	103.58	110.48	115.95	119.85
3600			67.73	73.65	79.43	84.83	90.00	94.88	99.45	107.48	114.00	118.73	121.58
3800			71.10	77.18	83.03	88.65	93.83	98.70	103.20	110.93	116.85	120.75	122.40
4000			74.33	80.63	86.63	92.25	97.50	102.30	106.65	114.00	119.18	121.95	122.18
4200			77.55	83.93	90.00	95.70	100.88	105.60	109.80	116.55	120.90	122.40	120.98
4400			80.55	87.08	93.23	98.85	104.03	108.60	112.58	118.65	121.88	121.95	118.58
4600			83.55	90.23	96.38	102.00	107.03	111.38	115.13	120.38	122.33	120.75	115.20
4800			86.48	93.15	99.30	104.85	109.65	113.85	117.23	121.43	122.03	118.50	110.55
5000					102.30	107.70	112.35	116.18	119.18	122.25	121.28	115.58	104.85
5200					104.93	110.10	114.53	117.98	120.53	122.33	119.48	111.45	97.65
5400					107.40	112.43	116.48	116.55	121.50	121.88	117.08	106.35	89.25
5600					109.80	114.60	118.28	120.90	122.25	120.98	113.85	100.28	79.50
6000					113.85	117.90	120.75	122.10	122.03	117.00	104.70	84.45	55.43

Power rating- (kW) PIX-X'act®-H Classical Belt with 152.4mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley												
	16	18	20	22	24	26	28	30	32	36	40	44	48
100	1.78	2.04	2.22	2.49	2.76	2.93	3.20	3.47	3.64	4.18	4.62	5.07	5.51
200	3.64	4.18	4.62	5.07	5.51	6.05	6.49	6.93	7.47	8.36	9.33	10.22	11.20
300	5.42	6.13	6.85	7.56	8.27	8.98	9.69	10.40	11.11	12.53	13.87	15.29	16.71
400	7.47	8.36	9.33	10.22	11.20	12.09	13.07	13.96	14.94	16.80	18.67	20.54	22.40
500	9.16	10.31	11.47	12.62	13.78	15.02	16.18	17.34	18.49	20.80	23.11	25.51	27.83
600	11.11	12.53	13.87	15.29	16.71	18.14	19.56	20.89	22.31	25.07	27.91	30.67	33.43
700	13.07	14.67	16.36	17.96	19.65	21.25	22.85	24.45	26.14	29.34	32.54	35.74	38.94
800	14.94	16.80	18.67	20.54	22.40	24.27	26.14	28.00	29.78	33.52	37.16	40.81	44.36
950	17.78	19.91	22.14	24.36	26.58	28.80	30.94	33.16	35.29	39.65	43.92	48.18	52.45
1100	20.45	23.03	25.60	28.09	30.67	33.16	35.65	38.23	40.72	45.69	50.58	55.38	60.19
1200	22.23	24.98	27.83	30.58	33.34	36.09	38.76	41.52	44.18	49.61	54.85	60.10	65.25
1300	24.27	27.29	30.31	33.25	36.27	39.20	42.14	45.07	48.01	53.78	59.39	64.99	70.50
1450		30.31	33.60	36.98	40.27	43.56	46.76	50.05	53.25	59.56	65.79	71.83	77.79
1600		33.43	37.07	40.72	44.27	47.92	51.47	54.94	58.50	65.34	72.10	78.59	84.90
1700		35.56	39.38	43.29	47.12	50.85	54.67	58.32	62.05	69.25	76.28	83.03	89.61
1800		37.43	41.52	45.61	49.61	53.61	57.52	61.43	65.25	72.81	80.10	87.12	93.97
1900		39.65	43.92	48.18	52.45	56.63	60.72	64.81	68.81	76.63	84.28	91.48	98.41
2000		41.61	46.14	50.58	54.94	59.30	63.65	67.92	72.10	80.19	88.01	95.48	102.59
2100		43.74	48.45	53.07	57.70	62.23	66.68	71.12	75.48	83.83	91.92	99.48	106.68
2200		45.61	50.50	55.30	60.10	64.81	69.43	74.05	78.50	87.12	95.39	103.12	110.41
2300		47.74	52.90	57.87	62.85	67.74	72.54	77.25	81.88	90.77	99.12	107.04	114.33
2400		49.70	54.94	60.19	65.34	70.41	75.39	80.19	84.90	94.06	102.59	110.50	117.79
2500		51.65	57.16	62.59	67.92	73.08	78.14	83.12	88.01	97.26	105.97	113.97	121.17
2600		53.78	59.39	64.99	70.50	75.83	81.08	86.14	91.12	100.55	109.35	117.26	124.46
2850			64.72	70.68	76.54	82.32	87.83	93.17	98.32	108.10	116.90	124.73	131.39
3000			67.92	74.14	80.19	86.06	91.83	97.26	102.59	112.37	121.17	128.73	135.04
3200			72.19	78.68	84.99	91.12	96.99	102.68	108.01	117.88	126.42	133.53	139.13
3400			76.19	82.94	89.52	95.83	101.88	107.57	112.99	122.77	130.95	137.44	142.06
3600			80.28	87.30	94.15	100.55	106.68	112.46	117.88	127.39	135.13	140.73	144.11
3800			84.28	91.48	98.41	105.08	111.21	116.99	122.33	131.48	138.51	143.13	145.08
4000			88.10	95.57	102.68	109.35	115.57	121.26	126.42	135.13	141.26	144.55	144.82
4200			91.92	99.48	106.68	113.44	119.57	125.17	130.15	138.15	143.31	145.08	143.40
4400			95.48	103.21	110.50	117.17	123.30	128.73	133.44	140.64	144.46	144.55	140.55
4600			99.03	106.95	114.24	120.90	126.86	132.02	136.46	142.68	145.00	143.13	136.55
4800			102.50	110.41	117.70	124.28	129.97	134.95	138.95	143.93	144.64	140.46	131.04
5000					121.26	127.66	133.17	137.71	141.26	144.91	143.75	136.99	124.28
5200					124.37	130.51	135.75	139.84	142.86	145.00	141.62	132.11	115.75
5400					127.30	133.26	138.06	138.15	144.02	144.46	138.77	126.06	105.79
5600					130.15	135.84	140.20	143.31	144.91	143.40	134.95	118.86	94.23
6000					134.95	139.75	143.13	144.73	144.64	138.68	124.10	100.10	65.70

Power rating- (kW) PIX-X'act®-XH Classical Belt with 25.4 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	18	20	22	24	25	26	28	30	32	36	40
480	2.85	3.16	3.47	3.78	3.94	4.08	4.40	4.70	5.01	5.62	6.23
510	3.01	3.35	3.69	4.01	4.18	4.34	4.66	4.99	5.31	5.96	6.59
575	3.50	3.77	4.15	4.52	4.69	4.88	5.25	5.61	5.97	6.69	7.39
690	4.07	4.75	4.96	5.40	5.61	5.83	6.26	6.69	7.11	7.95	8.77
725	4.27	4.74	5.30	5.66	5.89	6.11	6.56	7.01	7.46	8.33	9.17
870	5.10	5.66	6.21	6.80	7.50	7.50	8.00	8.60	9.00	10.00	11.00
1160	6.74	7.46	8.15	8.83	9.17	9.50	10.15	10.79	11.40	12.58	13.66
1425	---	9.03	9.84	10.63	11.01	11.39	12.12	12.82	13.48	14.69	15.74
1750	---	10.85	11.76	12.63	13.05	13.46	14.22	14.93	15.57	16.64	17.40
2850	---	---	---	17.26	17.50	17.69	17.89	17.83	17.48	15.90	12.98
3450	---	---	---	17.89	17.80	17.60	16.88	15.72	---	---	---
100	0.60	0.66	0.72	0.79	0.83	0.86	0.92	0.99	1.06	1.19	1.32
200	1.19	1.32	1.45	1.59	1.65	1.71	1.85	1.97	2.11	2.37	2.64
300	1.79	1.97	2.17	2.37	2.47	2.57	2.76	2.96	3.15	3.55	3.94
400	2.37	2.64	2.90	3.16	3.29	3.41	3.68	3.94	4.19	4.70	5.22
500	2.96	3.29	3.61	3.94	4.10	4.25	4.58	4.89	5.22	5.85	6.47
600	3.55	3.94	4.32	4.70	4.89	5.09	5.47	5.85	6.23	6.96	7.70
700	4.13	4.58	5.03	5.47	5.69	5.91	6.34	6.78	7.21	8.05	8.88
800	4.70	5.22	5.72	6.23	6.47	6.72	7.21	7.70	8.17	9.11	10.02
900	5.28	5.85	6.41	6.96	7.25	7.52	8.05	8.59	9.11	10.13	11.11
1000	5.85	6.47	7.09	7.70	7.99	8.30	8.88	9.46	10.02	11.11	12.14
1100	6.41	7.09	7.76	8.41	8.74	9.05	9.68	10.30	10.90	12.04	13.11
1200		7.70	8.41	9.11	9.46	9.80	10.47	11.11	11.74	12.93	14.01
1300		8.30	9.05	9.80	10.16	10.52	11.21	11.89	12.54	13.74	14.83
1400		8.88	9.68	10.47	10.85	11.21	11.94	12.63	13.29	14.51	15.57
1500		9.46	10.30	11.11	11.51	11.89	12.63	13.35	14.01	15.21	15.16
1600		10.02	10.90	11.74	12.14	12.54	13.29	14.01	14.67	15.83	16.77
1700		10.60	11.48	12.34	12.76	13.16	13.92	14.64	15.29	16.39	17.22
1800			12.04	12.93	13.35	13.74	14.51	15.21	15.83	16.86	17.56
1900			12.59	13.48	13.90	14.30	15.06	15.74	16.34	17.26	17.79
2000			13.11	14.01	14.43	14.83	15.57	16.21	16.77	17.56	17.89
2100			13.62	14.51	14.93	15.32	16.03	16.64	17.14	17.77	17.87
2200			14.09	14.98	15.39	15.77	16.45	17.01	17.44	17.88	17.71
2300			14.55	15.42	15.82	16.19	16.82	17.31	17.66	17.89	17.41
2400			14.98	15.83	16.21	16.56	17.14	17.56	17.82	17.79	16.97
2500				16.21	16.57	16.89	17.41	17.75	17.89	17.58	16.37
2600				16.56	16.89	17.18	17.62	17.85	17.88	17.25	15.32
2700				16.86	17.17	17.42	17.77	17.90	17.79	16.81	
2800				17.14	17.40	17.62	17.86	17.87	17.61	16.23	
2900				17.37	17.60	17.76	17.90	17.77	17.34	15.53	
3000				17.56	17.75	17.85	17.87	17.58	16.97		
3200				17.82	17.89	17.88	17.61	16.97	15.94		
3400				17.90	17.84	17.69	17.07	16.01	14.48		
3600				17.79	17.58	17.25	16.23	14.69			
3800				17.48	17.09	16.57	15.08				
4000				16.97	16.37	15.61					
4200				16.23	15.39	14.37					
4400				15.27	14.16						

Power rating- (kW) PIX-X'act®-XH Classical Belt with 50.8 mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	18	20	22	24	25	26	28	30	32	36	40
480	6.09	6.76	7.42	8.09	8.43	8.74	9.41	10.07	10.72	12.02	13.32
510	6.45	7.17	7.89	8.58	8.94	9.28	9.98	10.67	11.37	12.76	14.11
575	7.28	8.07	8.88	9.66	10.04	10.45	11.24	12.00	12.79	14.31	15.82
690	8.72	9.66	10.61	11.55	12.00	12.47	13.39	14.31	15.21	17.01	18.76
725	9.15	10.13	11.12	12.11	12.61	13.08	14.04	15.01	15.95	17.82	19.62
870	10.92	12.11	13.28	14.43	15.01	15.57	16.70	17.82	18.90	21.03	23.10
1160	14.43	15.95	17.44	18.90	19.62	20.34	21.73	23.10	24.40	26.92	29.23
1425	---	19.32	21.05	22.74	23.57	24.38	25.93	27.44	28.85	31.44	33.68
1750	---	23.21	25.17	27.03	27.93	28.81	30.42	31.95	33.32	35.61	37.23
2850	---	---	---	36.94	37.46	37.86	38.29	38.15	37.41	34.02	27.77
3450	---	---	---	38.29	38.09	37.66	36.13	33.64	---	---	---
100	1.28	1.42	1.55	1.69	1.78	1.84	1.98	2.11	2.27	2.54	2.83
200	2.54	2.83	3.10	3.39	3.53	3.66	3.95	4.22	4.52	5.08	5.64
300	3.82	4.22	4.65	5.08	5.28	5.51	5.91	6.34	6.74	7.59	8.43
400	5.08	5.64	6.20	6.76	7.03	7.30	7.86	8.43	8.97	10.07	11.17
500	6.34	7.03	7.73	8.43	8.76	9.10	9.80	10.47	11.17	12.52	13.84
600	7.59	8.43	9.24	10.07	10.47	10.90	11.71	12.52	13.32	14.90	16.47
700	8.83	9.80	10.76	11.71	12.18	12.65	13.57	14.52	15.44	17.23	19.01
800	10.50	11.17	12.25	13.32	13.84	14.38	15.44	16.47	17.48	19.50	21.44
900	11.30	13.00	13.71	14.90	15.50	16.09	17.23	18.38	19.50	21.68	23.77
1000	12.52	13.84	15.50	16.47	17.10	17.75	19.01	20.25	21.44	23.77	25.98
1100	13.71	15.17	16.61	18.00	18.70	19.37	20.72	22.04	23.32	25.77	28.07
1200		16.47	18.00	19.50	20.50	20.96	22.40	23.77	25.12	27.66	29.97
1300		17.75	19.37	20.96	21.75	23.00	24.00	25.44	26.83	29.41	31.73
1400		19.01	20.72	22.40	23.21	24.00	26.00	27.03	28.45	31.05	33.32
1500		20.25	22.04	23.77	24.63	25.44	27.03	29.00	29.97	32.56	32.45
1600		21.44	23.32	25.12	25.98	26.83	28.45	29.97	31.80	33.88	35.88
1700		22.68	24.56	26.40	27.30	28.15	29.80	31.32	32.72	35.08	36.85
1800			25.77	27.66	28.56	29.41	31.05	32.56	33.88	36.09	37.57
1900			26.94	28.85	29.75	30.60	32.22	33.68	34.96	36.94	38.06
2000			28.07	29.97	30.87	31.73	33.32	34.69	35.88	37.57	38.29
2100			29.14	31.05	31.95	32.78	34.31	35.61	36.67	38.02	38.24
2200			30.15	32.06	32.94	33.75	35.21	36.40	37.32	38.27	37.91
2300			31.14	33.01	33.86	34.65	36.00	37.05	37.79	38.29	37.26
2400			32.06	33.88	34.69	35.44	36.67	37.57	38.13	38.06	36.31
2500				34.69	35.46	36.15	37.26	37.97	38.29	37.61	35.03
2600				35.44	36.15	36.76	37.70	38.20	38.27	36.92	32.78
2700				36.09	36.74	37.28	38.02	38.31	38.06	35.97	
2800				36.67	37.23	37.70	38.22	38.24	37.68	34.74	
2900				37.17	37.66	38.00	38.31	38.02	37.10	33.23	
3000				37.57	37.97	38.20	38.24	37.61	36.31		
3200				38.13	38.29	38.27	37.68	36.31	34.11		
3400				38.31	38.18	37.86	36.54	34.27	30.99		
3600				38.06	37.61	36.92	34.74	31.44			
3800				37.41	36.58	35.46	32.27				
4000				36.31	35.03	33.41					
4200				34.74	32.94	30.76					
4400				32.67	30.31						

Power rating- (kW) PIX-X'act®-XH Classical Belt with 76.2mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	18	20	22	24	25	26	28	30	32	36	40
480	9.56	10.62	11.64	12.70	13.23	13.72	14.78	15.81	16.83	18.87	20.92
510	10.13	11.25	12.38	13.48	14.04	14.57	15.66	16.76	17.85	20.04	22.16
575	11.43	12.67	13.94	15.17	15.77	16.41	17.64	18.84	20.07	22.47	24.84
690	13.69	15.17	16.65	18.13	18.84	19.58	21.03	22.47	23.88	26.71	29.46
725	14.50	15.91	17.46	19.02	19.79	20.53	22.05	23.57	25.05	27.98	30.80
870	17.15	19.50	20.85	22.65	23.57	24.45	26.21	27.98	29.67	33.02	36.27
1160	22.65	25.05	27.50	29.67	30.80	31.93	34.12	36.27	38.31	42.27	45.90
1425	---	30.34	33.06	36.00	37.01	38.28	40.71	43.08	45.30	49.36	52.89
1750	---	36.44	39.51	42.44	44.00	45.23	47.77	50.17	52.32	55.92	58.46
2850	---	---	---	58.00	58.81	60.00	60.12	59.91	58.74	53.41	43.61
3450	---	---	---	60.12	59.80	59.13	57.00	52.81	---	---	---
100	2.01	2.22	2.43	2.65	2.79	2.89	3.10	3.50	3.56	3.99	4.45
200	3.99	4.45	4.87	5.33	5.54	5.75	6.21	6.63	7.50	7.97	8.86
300	6.00	6.63	7.30	7.97	8.29	8.64	9.28	9.95	10.58	12.00	13.23
400	7.97	8.86	9.74	10.62	11.04	11.47	12.35	13.23	14.08	15.81	18.00
500	9.95	11.04	12.14	13.23	13.76	14.29	15.38	16.44	17.53	19.65	21.73
600	11.92	13.23	14.50	15.81	16.44	17.11	18.38	19.65	20.92	23.39	25.86
700	13.87	15.38	16.90	18.38	19.12	19.86	21.31	22.79	24.24	27.06	29.85
800	15.81	17.53	19.23	20.92	21.73	22.58	24.24	25.86	27.45	30.62	33.66
900	17.75	19.65	21.52	23.39	24.34	25.26	27.06	28.86	30.62	34.05	37.33
1000	19.65	21.73	23.81	25.86	26.85	27.87	29.85	31.79	33.66	37.33	40.78
1100	21.52	23.81	26.07	28.26	29.35	30.41	32.53	34.61	36.62	40.47	44.06
1200		25.86	28.26	30.62	31.79	32.92	35.17	37.33	39.44	43.43	47.06
1300		27.87	30.41	32.92	34.15	35.35	37.68	39.94	42.12	46.18	49.82
1400		29.85	32.53	35.17	36.44	37.68	40.11	42.44	44.66	48.76	52.32
1500		31.79	34.61	37.33	38.67	39.94	42.44	44.84	47.06	51.12	50.94
1600		33.66	36.62	39.44	40.78	42.12	44.66	47.06	49.29	53.20	56.34
1700		35.53	38.56	41.45	42.87	44.21	46.78	49.18	51.37	55.07	57.86
1800			40.47	43.43	44.84	46.18	48.76	51.12	53.20	56.66	58.99
1900			42.30	45.30	46.71	48.05	50.59	52.88	54.90	58.00	59.76
2000			44.06	47.06	48.47	49.82	52.32	54.47	56.34	58.99	60.12
2100			45.76	48.76	50.17	51.47	53.87	55.92	57.58	59.69	60.05
2200			47.35	50.34	51.72	52.99	55.28	57.15	58.60	60.08	59.52
2300			48.90	51.83	53.17	54.40	56.52	58.18	59.34	60.12	58.49
2400			50.34	53.20	54.47	55.64	57.58	58.99	59.87	59.76	57.01
2500				54.47	55.67	56.77	58.49	59.62	60.12	59.06	55.00
2600				55.64	56.77	57.72	59.20	59.98	60.08	57.97	51.47
2700				56.66	57.68	58.53	59.69	60.15	59.76	56.48	
2800				57.58	58.46	59.20	60.01	60.05	59.16	54.54	
2900				58.35	59.13	59.66	60.15	59.69	58.25	52.18	
3000				58.99	59.62	59.98	60.05	59.06	57.01		
3200				59.87	60.12	60.08	59.16	57.01	53.56		
3400				60.15	59.94	59.45	57.37	53.80	48.65		
3600				59.76	59.06	57.97	54.54	49.36			
3800				58.74	57.44	55.67	50.66				
4000				57.01	55.00	52.46					
4200				54.54	51.72	48.30					
4400				51.30	47.59						

Power rating- (kW) PIX-X'act®-XH Classical Belt with 101.6mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	18	20	22	24	25	26	28	30	32	36	40
480	13.54	15.04	16.49	17.99	18.74	19.44	20.94	22.39	23.84	26.74	29.64
510	14.34	15.94	17.54	19.09	19.89	20.64	22.19	23.74	25.29	28.39	31.39
575	16.19	17.94	19.74	21.49	22.34	23.24	24.99	26.69	28.44	31.84	35.19
690	19.39	21.49	23.59	25.69	26.69	27.74	29.79	31.84	33.84	37.83	41.73
725	20.50	22.54	24.74	26.94	28.04	29.09	31.24	33.39	35.49	39.63	43.63
870	24.29	27.00	29.54	32.09	33.39	34.64	37.14	39.63	42.03	46.78	51.38
1160	32.09	35.49	39.00	42.03	43.63	45.23	48.33	51.38	54.28	59.88	65.02
1425	---	42.98	46.83	50.99	52.43	54.23	57.68	61.03	64.17	69.92	74.92
1750	---	51.63	55.98	60.13	62.50	64.07	67.67	71.07	74.12	79.22	82.81
2850	---	---	---	82.17	83.32	84.50	85.17	84.87	83.22	75.67	61.78
3450	---	---	---	85.17	84.72	83.77	80.50	74.82	---	---	---
100	2.85	3.15	3.45	3.75	3.95	4.10	4.40	5.00	5.05	5.65	6.30
200	5.65	6.30	6.90	7.55	7.85	8.15	8.80	9.40	10.50	11.30	12.54
300	8.50	9.40	10.35	11.30	11.75	12.25	13.14	14.09	14.99	17.00	18.74
400	11.30	12.54	13.79	15.04	15.64	16.24	17.49	18.74	19.94	22.39	24.84
500	14.09	15.64	17.19	18.74	19.49	20.24	21.79	23.29	24.84	27.84	30.79
600	16.89	18.74	20.54	22.39	23.29	24.24	26.04	27.84	29.64	33.14	36.64
700	19.64	21.79	23.94	26.04	27.09	28.14	30.19	32.29	34.34	38.33	42.28
800	22.39	24.84	27.24	29.64	30.79	31.99	34.34	36.64	38.88	43.38	47.68
900	25.14	27.84	30.49	33.14	34.49	35.79	38.33	40.88	43.38	48.23	52.88
1000	27.84	30.79	33.74	36.64	38.03	39.48	42.28	45.03	47.68	52.88	57.78
1100	30.49	33.74	36.94	40.03	41.58	43.08	46.08	49.03	51.88	57.33	62.43
1200		36.64	40.03	43.38	45.03	46.63	49.83	52.88	55.88	61.53	66.67
1300		39.48	43.08	46.63	48.38	50.08	53.38	56.58	59.68	65.42	70.57
1400		42.28	46.08	49.83	51.63	53.38	56.83	60.13	63.27	69.07	74.12
1500		45.03	49.03	52.88	54.78	56.58	60.13	63.52	66.67	72.42	72.17
1600		47.70	51.88	55.88	57.78	59.68	63.27	66.67	69.82	75.37	79.82
1700		50.46	54.63	58.73	60.73	62.62	66.27	69.67	72.77	78.02	81.97
1800			57.33	61.53	63.52	65.42	69.07	72.42	75.37	80.27	83.57
1900			59.93	64.17	66.17	68.07	71.67	74.92	77.77	82.17	84.67
2000			62.43	66.67	68.67	70.57	74.12	77.17	79.82	83.57	85.17
2100			64.82	69.07	71.07	72.92	76.32	79.22	81.57	84.57	85.07
2200			67.07	71.32	73.27	75.07	78.32	80.97	83.02	85.12	84.32
2300			69.27	73.42	75.32	77.07	80.07	82.42	84.07	85.17	82.87
2400			71.32	75.37	77.17	78.82	81.57	83.57	84.82	84.67	80.77
2500				77.17	78.87	80.42	82.87	84.47	85.17	83.67	77.92
2600				78.82	80.42	81.77	83.87	84.97	85.12	82.12	72.92
2700				80.27	81.72	82.92	84.57	85.22	84.67	80.02	
2800				81.57	82.82	83.87	85.02	85.07	83.82	77.27	
2900				82.67	83.77	84.52	85.22	84.57	82.52	73.92	
3000				83.57	84.47	84.97	85.07	83.67	80.77		
3200				84.82	85.17	85.12	83.82	80.77	75.87		
3400				85.22	84.92	84.22	81.27	76.22	68.92		
3600				84.67	83.67	82.12	77.27	69.92			
3800				83.22	81.37	78.87	71.77				
4000				80.77	77.92	74.32					
4200				77.27	73.27	68.42					
4400				72.67	67.42						

Power rating- (kW) PIX-X'act®-XXH Classical Belt with 25.4mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley											
	18	20	22	24	25	26	28	30	32	34	36	40
480	4.96	5.49	6.03	6.56	6.83	7.09	7.61	8.14	8.65	9.16	9.66	10.65
510	5.26	5.83	6.39	6.96	7.23	7.52	8.07	8.62	9.16	9.69	10.23	11.26
575	5.91	6.55	7.18	7.81	8.12	8.43	9.04	9.65	10.25	10.83	11.40	12.53
690	7.06	7.81	8.56	9.28	9.65	10.01	10.71	11.40	12.09	12.75	13.40	14.64
725	7.40	8.19	8.97	9.72	10.10	10.48	11.20	11.93	12.62	13.30	13.97	15.24
870	8.81	9.72	10.63	11.50	11.93	12.35	13.18	13.97	14.74	15.48	16.18	17.47
950	9.57	10.55	11.51	12.43	12.88	13.34	14.20	15.03	15.81	16.56	17.26	18.52
1160	11.50	12.62	13.70	14.74	15.24	15.71	16.62	17.47	18.25	18.95	19.57	20.57
1425	---	15.03	16.19	17.26	17.76	18.23	19.08	19.81	20.42	20.88	21.20	21.36
1750	---	17.55	18.68	19.64	20.04	20.40	20.96	21.28	21.38	21.21	20.77	18.99
2850	---	21.36	20.81	19.51	18.55	17.37	---	---	---	---	---	---
100	1.20	1.50	1.50	1.60	1.75	1.65	1.90	2.01	2.20	2.30	2.40	2.50
200	2.08	2.31	2.54	2.77	2.88	2.99	3.22	3.45	3.69	3.91	4.14	4.59
300	3.11	3.45	3.80	4.14	4.31	4.47	4.82	5.16	5.49	5.83	6.16	6.83
400	4.14	4.59	5.04	5.49	5.71	5.94	6.38	6.83	7.27	7.70	8.14	8.99
500	5.16	5.71	6.27	6.83	7.10	7.37	7.92	8.45	8.99	9.51	10.04	11.06
600	6.16	6.83	7.49	8.14	8.45	8.78	9.41	10.04	10.66	11.26	11.85	13.00
700	7.16	7.92	8.67	9.41	9.78	10.14	10.86	11.56	12.24	12.92	13.57	14.81
800	8.14	8.99	9.83	10.66	11.06	11.46	12.24	13.00	13.74	14.46	15.15	16.44
900	9.09	10.04	10.95	11.85	12.29	12.72	13.57	14.37	15.15	15.89	16.59	17.88
1000	10.04	11.06	12.04	13.00	13.47	13.92	14.81	15.65	16.44	17.19	17.88	19.11
1100	10.95	12.04	13.09	14.10	14.60	15.07	15.97	16.82	17.61	18.34	18.99	20.10
1200		13.00	14.10	15.15	15.65	16.13	17.04	17.88	18.65	19.33	19.92	20.82
1300		13.92	15.07	16.13	16.63	17.12	18.02	18.83	19.54	20.14	20.63	21.25
1400		14.81	15.97	17.04	17.55	18.02	18.89	19.64	20.27	20.76	21.12	21.38
1500		15.65	16.82	17.88	18.38	18.83	19.64	20.31	20.82	21.18	21.36	21.16
1600		16.44	17.61	18.65	19.11	19.54	20.27	20.82	21.19	21.37	21.34	20.59
1700		17.19	18.34	19.33	19.76	20.14	20.76	21.18	21.37	21.33	21.03	19.62
1800		17.88	18.99	19.92	20.31	20.63	21.12	21.36	21.34	21.03	20.42	18.26
1900		18.52	19.58	20.42	20.75	21.01	21.33	21.36	21.07	20.46	19.51	
2000		19.11	20.10	20.82	21.07	21.25	21.38	21.16	20.59	19.62		
2100		19.64	20.53	21.12	21.28	21.37	21.26	20.77	19.86	18.49		
2200		20.10	20.87	21.30	21.38	21.35	20.98	20.16	18.86	17.05		
2300		20.50	21.14	21.38	21.34	21.18	20.51	19.32	17.60			
2400		20.82	21.30	21.34	21.16	20.86	19.86	18.26	16.04			
2500		21.07	21.38	21.16	20.84	20.38	18.99					
2600		21.25	21.35	20.86	20.38	19.74	17.93					
2800		21.38	20.98	19.86	18.99	17.93	15.16					
3000		21.16	20.16	18.26	16.96							

Power rating- (kW) PIX-X'act®-XXH Classical Belt with 50.8mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley											
	18	20	22	24	25	26	28	30	32	34	36	40
480	10.61	11.75	12.90	14.04	14.61	15.17	16.29	17.41	18.52	19.59	20.67	22.78
510	11.26	12.47	13.68	14.90	15.48	16.09	17.28	18.45	19.59	20.74	21.89	24.09
575	12.65	14.02	15.37	16.72	17.37	18.04	19.35	20.65	21.93	23.17	24.40	26.81
690	15.10	16.72	18.31	19.86	20.65	21.41	22.92	24.40	25.86	27.28	28.67	31.32
725	15.84	17.53	19.19	20.81	21.62	22.43	23.98	25.53	27.01	28.47	29.89	32.60
870	18.85	20.81	22.74	24.60	25.53	26.42	28.20	29.89	31.55	33.12	34.63	37.39
950	20.50	22.70	25.00	27.00	28.00	29.00	30.70	32.50	34.00	36.00	37.50	40.20
1160	24.60	27.01	29.32	31.55	32.60	33.62	35.57	37.39	39.05	40.56	41.88	44.02
1425	---	32.15	34.65	36.94	38.00	39.01	40.83	42.40	43.70	44.69	45.37	45.70
1750	---	37.55	39.97	42.02	42.90	43.66	44.85	45.55	45.75	45.39	44.45	40.65
2850	---	45.70	44.54	41.75	39.70	37.17	---	---	---	---	---	---
100	2.22	2.47	2.72	2.97	3.08	3.21	3.46	3.71	3.95	4.20	4.45	4.94
200	4.45	4.94	5.44	5.93	6.16	6.40	6.90	7.39	7.89	8.36	8.85	9.82
300	6.65	7.39	8.13	8.85	9.21	9.57	10.31	11.03	11.75	12.47	13.19	14.61
400	8.85	9.82	10.79	11.75	12.22	12.72	13.66	14.61	15.55	16.47	17.41	19.23
500	11.03	12.22	13.41	14.61	15.19	15.77	16.94	18.09	19.23	20.36	21.48	23.66
600	13.19	14.61	16.02	17.41	18.09	18.78	20.13	21.48	22.81	24.09	25.37	27.82
700	15.32	16.94	18.56	20.13	20.92	21.71	23.23	24.74	26.20	27.64	29.03	31.68
800	17.41	19.23	21.03	22.81	23.66	24.51	26.20	27.82	29.41	30.94	32.42	35.19
900	19.46	21.48	23.44	25.37	26.29	27.21	29.03	30.76	32.42	34.00	35.50	38.27
1000	21.48	23.66	25.77	27.82	28.83	29.80	31.68	33.48	35.19	36.78	38.27	40.90
1100	23.44	25.77	28.02	30.18	31.23	32.24	34.18	36.00	37.68	39.26	40.65	43.01
1200		27.82	30.18	32.42	33.48	34.51	36.47	38.27	39.91	41.37	42.63	44.56
1300		29.80	32.24	34.51	35.59	36.63	38.56	40.29	41.82	43.10	44.15	45.48
1400		31.68	34.18	36.47	37.55	38.56	40.42	42.02	43.37	44.42	45.19	45.75
1500		33.48	36.00	38.27	39.32	40.29	42.02	43.46	44.56	45.32	45.70	45.28
1600		35.19	37.68	39.91	40.90	41.82	43.37	44.56	45.34	45.73	45.66	44.06
1700		36.78	39.26	41.37	42.29	43.10	44.42	45.32	45.73	45.64	45.01	42.00
1800		38.27	40.65	42.63	43.46	44.15	45.19	45.70	45.66	45.01	43.70	39.08
1900		39.64	41.91	43.70	44.40	44.96	45.64	45.70	45.10	43.79	41.75	
2000		40.90	43.01	44.56	45.10	45.48	45.75	45.28	44.06	42.00		
2100		42.02	43.93	45.19	45.55	45.73	45.50	44.45	42.49	39.57		
2200		43.01	44.67	45.59	45.75	45.68	44.90	43.14	40.36	36.49		
2300		43.86	45.23	45.75	45.66	45.32	43.88	41.34	37.66			
2400		44.56	45.59	45.66	45.28	44.65	42.49	39.08	34.33			
2500		45.10	45.75	45.28	44.60	43.61	40.65					
2600		45.48	45.68	44.65	43.61	42.24	38.38					
2800		45.75	44.90	42.49	40.65	38.38	32.45					
3000		45.28	43.14	39.08	36.29							

Power rating- (kW) PIX-X'act®-XXH Classical Belt with 76.2mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley											
	18	20	22	24	25	26	28	30	32	34	36	40
480	16.65	18.45	20.25	22.05	22.93	23.81	25.58	27.34	29.07	30.76	32.46	35.77
510	17.68	19.58	21.49	23.39	24.31	25.26	27.13	28.96	30.76	32.56	34.36	37.82
575	19.86	22.01	24.13	26.25	27.27	28.33	30.38	32.42	34.43	36.37	38.31	42.09
690	23.71	26.25	28.75	31.19	32.42	33.62	35.99	38.31	40.61	42.83	45.02	49.18
725	24.87	27.52	30.13	32.67	33.94	35.21	37.64	40.08	42.41	44.70	46.92	51.19
870	30.10	33.00	36.00	39.00	40.50	42.00	45.00	47.00	50.00	52.50	55.00	59.00
950	32.14	35.46	38.67	41.77	43.29	44.81	47.70	50.49	53.13	55.64	58.00	62.23
1160	38.63	42.41	46.04	49.53	51.19	52.78	55.85	58.71	61.32	63.68	65.76	69.11
1425	---	50.49	54.40	58.00	59.66	61.25	64.10	66.57	68.62	70.17	71.23	71.76
1750	---	58.95	62.76	65.97	67.35	68.55	70.42	71.51	71.83	71.27	69.78	63.82
2850	---	71.76	69.92	65.55	62.34	58.35	---	---	---	---	---	---
100	3.49	3.88	4.27	4.66	4.83	5.05	5.43	5.82	6.21	6.60	6.99	7.76
200	6.99	7.76	8.54	9.31	9.67	10.05	10.83	11.61	12.38	13.12	13.90	15.42
300	10.44	11.61	12.77	13.90	14.46	15.03	16.19	17.32	18.45	19.58	20.71	22.93
400	13.90	15.42	16.93	18.45	19.19	19.97	21.45	22.93	24.41	25.86	27.34	30.20
500	17.32	19.19	21.06	22.93	23.85	24.77	26.60	28.40	30.20	31.96	33.73	37.15
600	20.71	22.93	25.15	27.34	28.40	29.49	31.61	33.73	35.81	37.82	39.83	43.68
700	24.06	26.60	29.14	31.61	32.85	34.08	36.48	38.84	41.14	43.39	45.58	49.74
800	27.34	30.20	33.02	35.81	37.15	38.49	41.14	43.68	46.18	48.58	50.91	55.25
900	30.55	33.73	36.80	39.83	41.28	42.72	45.58	48.30	50.91	53.38	55.74	60.08
1000	33.73	37.15	40.47	43.68	45.26	46.78	49.74	52.57	55.25	57.75	60.08	64.21
1100	36.80	40.47	43.99	47.38	49.04	50.63	53.66	56.52	59.16	61.63	63.82	67.53
1200		43.68	47.38	50.91	52.57	54.19	57.26	60.08	62.66	64.95	66.93	69.96
1300		46.78	50.63	54.19	55.88	57.51	60.54	63.26	65.66	67.67	69.33	71.41
1400		49.74	53.66	57.26	58.95	60.54	63.47	65.97	68.09	69.75	70.95	71.83
1500		52.57	56.52	60.08	61.74	63.26	65.97	68.23	69.96	71.16	71.76	71.09
1600		55.25	59.16	62.66	64.21	65.66	68.09	69.96	71.20	71.79	71.69	69.18
1700		57.75	61.63	64.95	66.40	67.67	69.75	71.16	71.79	71.65	70.67	65.94
1800		60.08	63.82	66.93	68.23	69.33	70.95	71.76	71.69	70.67	68.62	61.35
1900		62.23	65.80	68.62	69.71	70.60	71.65	71.76	70.81	68.76	65.55	
2000		64.21	67.53	69.96	70.81	71.41	71.83	71.09	69.18	65.94		
2100		65.97	68.97	70.95	71.51	71.79	71.44	69.78	66.71	62.13		
2200		67.53	70.14	71.58	71.83	71.72	70.49	67.74	63.36	57.29		
2300		68.87	71.02	71.83	71.69	71.16	68.90	64.92	59.13			
2400		69.96	71.58	71.69	71.09	70.10	66.71	61.35	53.91			
2500		70.81	71.83	71.09	70.03	68.48	63.82					
2600		71.41	71.72	70.10	68.48	66.33	60.26					
2800		71.83	70.49	66.71	63.82	60.26	50.94					
3000		71.09	67.74	61.35	56.98							

Power rating- (kW) PIX-X'act®-XXH Classical Belt with 101.6mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley											
	18	20	22	24	25	26	28	30	32	34	36	40
480	23.59	26.14	28.69	31.24	32.49	33.74	36.24	38.73	41.18	43.58	45.98	50.68
510	25.04	27.74	30.44	33.14	34.44	35.79	38.43	41.03	43.58	46.13	48.68	53.58
575	28.14	31.19	34.19	37.19	38.63	40.13	43.03	45.93	48.78	51.53	54.28	59.63
690	33.59	37.19	40.73	44.18	45.93	47.63	50.98	54.28	57.53	60.68	63.77	69.67
725	35.24	38.98	42.68	46.28	48.08	49.88	53.33	56.78	60.08	63.32	66.47	72.52
870	41.99	46.50	60.00	55.00	57.00	59.10	63.10	67.20	70.50	74.15	77.50	83.17
950	45.53	50.23	54.78	59.18	61.33	63.47	67.57	71.52	75.27	78.82	82.17	88.16
1160	54.73	60.08	65.22	70.17	72.52	74.77	79.12	83.17	86.87	90.21	93.16	97.91
1425	---	71.52	77.07	82.17	84.52	86.77	90.81	94.31	97.21	99.41	100.91	101.66
1750	---	83.52	88.91	93.46	95.41	97.11	99.76	101.31	101.76	100.96	98.86	90.41
2850	---	101.66	99.06	92.86	88.31	82.67	---	---	---	---	---	---
100	4.95	5.50	6.05	6.60	6.85	7.15	7.70	8.25	8.80	9.35	9.90	11.00
200	9.90	11.00	12.10	13.19	13.69	14.24	15.34	16.44	17.54	18.59	19.69	21.84
300	14.79	16.44	18.09	19.69	20.49	21.29	22.94	24.54	26.14	27.74	29.34	32.49
400	19.69	21.84	23.99	26.14	27.19	28.29	30.39	32.49	34.59	36.64	38.73	42.78
500	24.54	27.19	29.84	32.49	33.79	35.09	37.68	40.23	42.78	45.28	47.78	52.63
600	29.34	32.49	35.64	38.73	40.23	41.78	44.78	47.78	50.73	53.58	56.43	61.88
700	34.09	37.68	41.28	44.78	46.53	48.28	51.68	55.03	58.28	61.48	64.57	70.47
800	38.73	42.78	46.78	50.73	52.63	54.53	58.28	61.88	65.42	68.82	72.12	78.27
900	43.28	47.78	52.13	56.43	58.48	60.53	64.57	68.42	72.12	75.62	78.97	85.12
1000	47.78	52.63	57.33	61.88	64.12	66.27	70.47	74.47	78.27	81.82	85.12	90.96
1100	52.13	57.33	62.33	67.12	69.47	71.72	76.02	80.07	83.82	87.32	90.41	95.66
1200		61.88	67.12	72.12	74.47	76.77	81.12	85.12	88.76	92.01	94.81	99.11
1300		66.27	71.72	76.77	79.17	81.47	85.77	89.61	93.01	95.86	98.21	101.16
1400		70.47	76.02	81.12	83.52	85.77	89.91	93.46	96.46	98.81	100.51	101.76
1500		74.47	80.07	85.12	87.47	89.61	93.46	96.66	99.11	100.81	101.66	100.71
1600		78.27	83.82	88.76	90.96	93.01	96.46	99.11	100.86	101.71	101.56	98.01
1700		81.82	87.32	92.01	94.06	95.86	98.81	100.81	101.71	101.51	100.11	93.41
1800		85.12	90.41	94.81	96.66	98.21	100.51	101.66	101.56	100.11	97.21	86.92
1900		88.16	93.21	97.21	98.76	100.01	101.51	101.66	100.31	97.41	92.86	
2000		90.96	95.66	99.11	100.31	101.16	101.76	100.71	98.01	93.41		
2100		93.46	97.71	100.51	101.31	101.71	101.21	98.86	94.51	88.01		
2200		95.66	99.36	101.41	101.76	101.61	99.86	95.96	89.76	81.17		
2300		97.56	100.61	101.76	101.56	100.81	97.61	91.96	83.77			
2400		99.11	101.41	101.56	100.71	99.31	94.51	86.92	76.37			
2500		100.31	101.76	100.71	99.21	97.01	90.41					
2600		101.16	101.61	99.31	97.01	93.96	85.37					
2800		101.76	99.86	94.51	90.41	85.37	72.17					
3000		100.71	95.96	86.92	80.72							

Power rating- (W) PIX-X'act® - 2M HTD Belt with 3.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	10	12	14	16	18	20	24	28	32	36	40	48	56	64	72	80
10	0.12	0.14	0.16	0.19	0.22	0.25	0.30	0.36	0.41	0.47	0.53	0.64	0.76	0.87	0.99	1.11
40	0.23	0.28	0.33	0.38	0.44	0.49	0.60	0.71	0.82	0.94	1.05	1.28	1.51	1.74	1.97	2.21
60	0.34	0.43	0.50	0.57	0.66	0.74	1.00	1.06	1.23	1.39	1.58	1.90	2.24	2.59	2.94	3.28
100	0.57	0.70	0.82	0.95	1.08	1.23	1.48	1.76	2.03	2.30	2.58	3.14	3.72	4.28	4.84	5.41
200	1.13	1.37	1.64	1.88	2.15	2.40	2.92	3.46	4.10	4.54	5.10	6.17	7.29	8.40	9.52	10.67
300	1.67	2.04	2.42	2.80	3.18	3.58	4.36	5.14	5.94	6.79	7.55	9.17	10.82	12.49	14.15	15.84
400	2.22	2.70	3.21	3.70	4.21	4.72	5.76	6.81	7.86	8.91	10.01	12.14	14.33	16.52	18.73	20.98
500	2.75	3.36	3.96	4.60	5.23	5.86	7.14	8.45	9.76	11.08	12.41	15.10	17.80	20.54	23.29	26.05
600	3.30	4.02	4.75	5.50	6.25	7.00	8.54	10.10	11.66	13.23	14.82	18.03	21.27	24.53	27.83	31.11
700	3.82	4.67	5.51	6.38	7.26	8.14	9.91	11.72	13.54	15.44	17.31	20.94	24.71	28.50	32.32	36.15
800	4.36	5.32	6.27	7.28	8.26	9.27	11.30	13.35	15.43	17.65	19.82	23.86	28.14	32.47	36.80	41.17
900	4.88	5.95	7.05	8.15	9.27	10.40	12.65	14.96	17.28	19.70	22.07	26.75	31.55	36.40	41.28	46.16
950	5.14	6.27	7.42	8.58	9.76	10.95	13.35	15.77	18.20	20.71	23.20	28.20	33.25	38.36	43.51	48.68
1000	5.40	6.62	7.80	9.01	10.28	11.53	14.01	16.58	19.15	21.72	24.35	29.64	34.96	40.33	45.73	51.16
1200	6.44	7.86	9.30	10.78	12.25	13.72	16.73	19.76	22.82	25.94	29.06	35.36	41.72	48.13	54.60	61.10
1400	7.48	9.13	10.80	12.51	14.21	15.95	19.44	22.97	26.52	30.13	33.74	41.08	48.48	55.93	63.41	70.95
1450	7.74	9.45	11.18	12.94	14.70	16.60	20.11	23.75	27.44	31.17	34.90	42.50	50.15	57.86	65.61	73.41
1600	8.49	10.40	12.28	14.21	16.15	18.14	22.15	26.14	30.19	34.29	38.42	46.77	55.15	63.67	72.19	80.77
1800	9.50	11.64	13.78	15.95	18.14	20.34	24.76	29.40	33.83	38.42	43.07	52.40	61.82	71.36	80.92	90.57
2000	10.54	12.88	15.25	17.62	20.05	22.50	27.44	32.44	37.47	42.55	47.70	58.04	68.47	79.01	89.61	100.30
2400	12.57	15.37	18.17	21.03	23.92	26.84	32.70	38.65	44.66	50.76	56.85	69.22	81.67	94.26	106.92	119.66
2850	14.82	18.11	21.44	24.82	28.31	31.72	38.60	45.64	52.72	59.92	67.14	81.73	96.43	111.28	126.22	141.27
3200	16.58	20.25	23.95	27.76	32.38	35.82	43.16	51.02	58.96	66.99	75.05	91.38	107.84	124.45	141.18	157.99
3600	18.55	22.68	26.84	31.06	35.30	39.64	48.33	57.14	66.04	75.00	84.07	102.35	120.78	139.42	158.14	176.97
4000	20.51	25.08	29.70	34.35	39.06	43.85	53.47	63.21	73.06	83.00	93.02	113.27	133.67	154.27	175.01	195.90
5000	25.39	31.03	36.75	42.50	48.39	54.28	66.18	78.20	90.42	102.79	115.21	140.31	165.56	191.16	216.81	242.72
6000	30.19	36.89	43.71	50.56	57.55	64.57	78.75	93.14	107.67	122.32	137.11	167.01	197.11	227.56	258.15	289.00
7000	34.90	42.64	50.53	58.47	66.53	74.68	91.12	107.80	124.57	141.53	158.66	193.27	228.11	263.38	298.83	334.56
8000	39.61	48.39	57.34	66.39	75.52	84.79	103.45	122.34	142.00	160.74	180.21	219.53	259.13	299.20	339.50	380.09
10000	48.82	59.51	70.78	81.76	93.02	104.58	127.69	150.80	174.49	199.00	222.44	270.98	319.80	369.49	419.18	469.44
12000	57.78	70.78	83.78	97.07	110.36	123.93	151.38	178.82	206.84	235.16	263.76	321.53	379.60	438.24	497.47	556.98
14000	66.44	81.47	96.49	111.80	127.11	142.71	174.49	206.27	238.62	271.27	304.20	370.93	437.96	488.80	505.84	574.31

Power rating- (W) PIX-X'act®- 2M HTD Belt with 6.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	10	12	14	16	18	20	24	28	32	36	40	48	56	64	72	80
10	0.25	0.30	0.36	0.42	0.48	0.54	0.65	0.78	0.90	1.03	1.15	1.40	1.66	1.91	2.17	2.43
40	0.50	0.61	0.72	0.84	0.96	1.08	1.32	1.56	1.81	2.05	2.30	2.80	3.31	3.81	4.32	4.84
60	0.76	0.92	1.10	1.27	1.47	1.65	1.98	2.35	2.72	3.09	3.45	4.20	5.00	5.70	6.50	7.30
100	1.25	1.53	1.81	2.09	2.38	2.67	3.25	3.84	4.45	5.05	5.66	6.89	8.14	9.37	10.62	11.86
200	2.47	3.01	3.57	4.13	4.69	5.26	6.40	7.57	8.76	9.94	11.13	13.53	15.97	18.41	20.86	23.40
300	3.66	4.48	5.30	6.13	6.98	7.84	9.56	11.27	13.02	14.79	16.55	20.11	23.73	27.38	31.03	34.73
400	4.86	5.93	7.04	8.10	9.22	10.35	12.62	14.93	17.23	19.53	21.86	26.62	31.41	36.21	41.05	45.99
500	6.04	7.37	8.69	10.08	11.46	12.85	15.65	18.52	21.41	24.30	27.21	33.10	39.03	45.03	51.07	57.10
600	7.23	8.82	10.41	12.06	13.71	15.35	18.72	22.14	25.56	29.00	32.49	39.53	46.63	53.78	61.02	68.21
700	8.39	10.23	12.08	14.00	15.91	17.83	21.74	25.70	29.68	33.85	37.96	45.92	54.17	62.48	70.85	79.24
800	9.56	11.65	13.74	15.96	18.11	20.33	24.76	29.26	33.82	38.70	43.45	52.31	61.69	71.19	80.69	90.25
900	10.70	13.05	15.45	17.86	20.33	22.80	27.74	32.81	37.87	43.19	48.39	58.65	69.16	79.80	90.50	101.21
950	11.27	13.74	16.28	18.81	21.41	24.00	29.26	34.58	39.90	45.41	50.86	61.81	72.90	84.11	95.38	106.72
1000	11.84	14.50	17.10	19.76	22.55	25.27	30.72	36.35	41.99	47.63	53.39	64.98	76.63	88.41	100.26	112.16
1200	14.12	17.23	20.39	23.62	26.85	30.08	36.67	43.32	50.03	56.87	63.71	77.52	91.45	105.51	119.70	133.95
1400	16.40	20.01	23.69	27.42	31.16	34.96	42.62	50.35	58.14	66.06	73.97	90.06	106.27	122.61	139.02	155.55
1450	16.97	20.71	24.51	28.37	32.24	36.16	44.08	52.06	60.17	68.34	76.51	93.16	109.95	126.86	143.83	160.93
1600	18.62	22.80	26.92	31.16	35.40	39.77	48.51	57.32	66.18	75.18	84.23	102.54	120.90	139.59	158.27	177.08
1800	20.84	25.52	30.21	34.96	39.77	44.59	54.28	64.22	74.16	84.23	94.43	114.89	135.53	156.43	177.40	198.55
2000	23.12	28.25	33.44	38.63	43.95	49.34	60.17	71.12	82.14	93.29	104.56	127.24	150.10	173.22	196.46	219.89
2400	27.55	33.69	39.84	46.11	52.44	58.84	71.69	84.74	97.91	111.28	124.64	151.75	179.04	206.66	234.40	262.33
2850	32.49	39.71	46.99	54.40	62.07	69.54	84.61	100.07	115.58	131.35	147.19	179.17	211.41	243.96	276.70	309.70
3200	36.35	44.40	52.50	60.86	71.00	78.53	94.62	111.85	129.26	146.87	164.54	200.32	236.42	272.84	309.51	346.37
3600	40.66	49.72	58.84	68.08	77.39	86.89	105.96	125.27	144.78	164.41	184.30	224.39	264.80	305.65	346.69	387.98
4000	44.97	54.97	65.11	75.30	85.63	96.14	117.23	138.57	160.17	181.96	203.93	248.33	293.04	338.20	383.67	429.46
5000	55.67	68.02	80.56	93.16	106.08	119.00	145.10	171.44	198.23	225.34	252.57	307.61	362.96	419.08	475.32	532.13
6000	66.18	80.88	95.82	110.83	126.16	141.55	172.65	204.19	236.04	268.15	300.58	366.13	432.12	498.88	565.95	633.59
7000	76.51	93.48	110.77	128.19	145.86	163.72	199.75	236.23	273.09	310.27	347.83	423.70	500.08	577.41	655.12	733.46
8000	86.83	106.08	125.72	145.54	165.55	185.88	226.80	268.22	310.14	352.39	395.07	481.27	568.10	655.94	744.29	833.28
10000	107.03	130.47	155.17	179.23	203.93	229.27	279.93	330.60	382.53	435.10	487.67	594.07	701.10	810.03	918.97	1029.17
12000	126.67	155.17	183.67	212.80	241.93	271.70	331.87	392.03	453.47	515.53	578.23	704.90	832.20	960.77	1090.60	1221.07
14000	145.67	178.60	211.53	245.10	278.67	312.87	382.53	452.20	523.13	594.70	666.90	813.20	960.13	1071.60	1108.97	1259.07

Power rating- (W)

PIX-X'act®- 2M HTD Belt with 10.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	10	12	14	16	18	20	24	28	32	36	40	48	56	64	72	80
10	0.44	0.53	0.63	0.73	0.83	0.94	1.14	1.37	1.58	1.80	2.02	2.46	2.91	3.36	3.81	4.27
40	0.88	1.07	1.27	1.48	1.69	1.90	2.31	2.73	3.17	3.60	4.03	4.91	5.80	6.69	7.58	8.55
60	1.31	1.62	1.91	2.21	2.52	2.83	3.44	4.08	4.72	5.36	6.01	7.31	8.62	9.96	11.35	12.63
100	2.19	2.68	3.17	3.67	4.17	4.70	5.70	6.74	7.80	8.86	9.92	12.09	14.29	16.55	18.63	20.80
200	4.33	5.28	6.28	7.24	8.23	9.23	11.25	13.29	15.37	17.44	19.52	23.73	28.02	32.30	36.60	41.04
300	6.42	7.86	9.30	10.76	12.24	13.76	16.77	19.77	22.83	25.94	29.03	35.28	41.70	48.03	54.43	60.92
400	8.52	10.40	12.36	14.25	16.18	18.16	22.14	26.19	30.22	34.26	38.34	47.00	55.11	63.52	72.02	80.68
500	10.59	12.93	15.24	17.68	20.11	22.54	27.46	32.49	37.56	42.63	47.73	58.07	68.47	79.00	89.59	100.18
600	12.69	15.48	18.26	21.16	24.14	26.93	32.83	38.83	44.83	50.88	57.50	69.36	81.81	94.36	107.04	119.67
700	14.71	17.96	21.20	24.56	27.91	31.29	38.13	45.09	52.07	59.60	66.59	80.56	95.03	109.61	124.30	139.02
800	16.78	20.44	24.11	28.00	31.78	35.70	43.44	51.33	59.55	67.89	76.22	91.78	108.22	124.89	141.56	158.33
900	18.78	22.89	27.11	31.33	35.67	40.00	48.67	57.56	66.44	75.78	84.89	102.89	121.33	140.00	158.78	177.56
950	19.78	24.11	28.56	33.00	37.56	42.11	51.55	60.67	70.00	79.67	89.22	108.44	127.89	147.56	167.33	187.22
1000	20.80	25.55	30.25	34.75	39.70	44.35	53.95	64.00	74.00	83.90	93.75	114.50	134.80	155.50	176.00	197.00
1200	24.78	30.22	35.78	41.44	47.11	52.78	64.33	76.00	87.78	99.78	111.78	136.00	160.44	185.11	210.00	235.00
1400	28.78	35.11	41.56	48.11	54.67	61.33	74.78	88.33	102.00	115.89	129.78	158.00	186.44	215.11	243.89	272.89
1450	29.78	36.33	43.00	49.78	56.56	63.44	77.33	91.33	105.56	119.89	134.22	163.44	192.89	222.56	252.33	282.33
1600	32.67	40.00	47.22	54.67	62.11	69.78	85.11	100.56	116.11	131.89	147.78	179.89	212.11	244.89	277.67	310.67
1800	36.56	44.78	53.00	61.33	69.78	78.22	95.22	112.67	130.11	147.78	165.67	201.56	237.78	274.44	311.22	348.33
2000	40.56	49.56	58.67	67.78	77.11	86.56	105.56	124.78	144.11	163.67	183.44	223.22	263.33	303.89	344.67	385.78
2400	48.33	59.11	69.89	80.89	92.00	103.22	125.78	148.67	171.78	195.22	218.67	266.22	314.11	362.56	411.22	460.22
2850	57.00	69.67	82.44	95.44	108.89	122.00	148.44	175.56	202.78	230.44	258.22	314.33	370.89	428.00	485.44	543.33
3200	63.78	77.89	92.11	106.78	124.56	137.78	166.00	196.22	226.78	257.67	288.67	351.44	414.78	478.67	543.00	607.67
3600	71.33	87.22	103.22	119.44	135.78	152.44	185.89	219.78	254.00	288.44	323.33	393.67	464.56	536.22	608.22	680.67
4000	78.89	96.44	114.22	132.11	150.22	168.67	205.67	243.11	281.00	319.22	357.78	435.67	514.11	593.33	673.11	753.44
5000	97.67	119.33	141.33	163.44	186.11	208.78	254.56	300.78	347.78	395.33	443.11	539.67	636.78	735.22	833.89	933.56
6000	116.11	141.89	168.11	194.44	221.33	248.33	302.89	358.22	414.11	470.44	527.33	642.33	758.11	875.22	992.89	1111.56
7000	134.22	164.00	194.33	224.89	255.89	287.22	350.44	414.44	479.11	544.33	610.22	743.33	877.33	1013.00	1149.33	1286.78
8000	152.33	186.11	220.56	255.33	290.44	326.11	397.89	470.56	544.11	618.22	693.11	844.33	996.67	1150.78	1305.78	1461.89
10000	187.78	228.89	272.22	314.44	357.78	402.22	491.11	580.00	671.11	763.33	855.56	1042.22	1230.00	1421.11	1612.22	1805.56
12000	222.22	272.22	322.22	373.33	424.44	476.67	582.22	687.78	795.56	904.44	1014.44	1236.67	1460.00	1685.56	1913.33	2142.22
14000	255.56	313.33	371.11	430.00	488.89	548.89	671.11	793.33	917.78	1043.33	1170.00	1426.67	1684.44	1880.00	1945.56	2208.89

Power rating- (W) PIX-X'act®- 3M HTD Belt with 6.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	10	12	14	16	18	20	24	28	32	40	48	56	64	72	80
10	1.20	1.25	1.36	1.36	2.09	2.16	2.19	3.08	3.15	4.05	6.08	7.09	8.11	8.15	9.12
40	2.15	2.34	2.43	3.04	3.04	3.04	4.05	5.07	6.08	9.12	11.15	13.24	15.26	17.29	19.63
60	2.25	3.08	3.24	4.05	5.16	5.19	7.09	8.11	10.13	13.24	17.29	20.65	23.69	25.71	28.82
100	4.05	5.07	6.08	7.09	8.11	9.12	11.15	13.24	16.28	21.66	28.82	33.88	39.27	43.32	48.45
200	8.11	10.13	11.15	13.24	15.26	17.29	22.67	27.80	32.87	44.40	56.87	68.08	77.58	86.70	97.22
300	11.15	13.24	16.28	18.62	21.66	24.70	30.84	37.24	44.40	59.98	76.57	90.06	103.30	115.84	129.39
400	13.24	16.28	19.63	23.69	26.73	30.84	38.25	46.42	54.85	74.00	93.50	111.00	126.50	143.00	158.50
500	16.28	19.63	23.69	27.80	31.86	36.23	45.41	54.85	64.03	85.69	109.76	129.39	148.01	166.63	185.25
600	18.62	22.67	27.80	31.86	36.23	41.29	51.49	62.00	73.47	98.23	124.32	147.00	168.66	189.30	210.01
700	20.65	25.71	30.84	36.23	41.29	46.42	57.89	70.11	82.65	109.76	138.51	164.60	187.28	211.03	235.03
800	23.69	28.82	33.88	40.28	45.41	51.49	64.03	77.58	91.14	120.90	153.08	180.18	205.90	231.99	257.77
900	25.71	30.84	37.24	43.32	49.46	56.87	70.11	84.68	99.24	131.42	165.62	195.76	223.50	251.62	279.43
950	26.73	32.87	39.27	45.41	51.49	58.90	73.47	87.72	103.30	136.48	172.71	203.87	233.00	261.82	290.95
1000	27.80	33.88	40.28	47.44	53.83	60.99	75.56	91.14	107.73	141.55	179.17	211.03	241.11	271.26	301.09
1200	31.86	39.27	46.42	53.83	62.00	70.11	86.70	104.31	122.93	161.56	203.87	240.10	274.36	308.56	341.75
1400	36.23	44.40	52.50	60.99	70.11	78.60	97.22	116.85	137.50	181.20	226.61	267.20	305.52	342.76	381.01
1450	37.24	45.41	53.83	63.02	71.44	80.62	100.26	119.89	141.55	185.25	233.00	273.35	312.61	350.87	390.13
1600	40.28	48.45	57.89	67.07	77.58	86.70	107.73	129.39	152.06	198.80	249.60	292.98	334.27	375.95	417.24
1800	43.32	53.83	64.03	74.48	84.68	95.19	117.86	140.54	165.62	216.41	270.24	317.68	363.41	407.80	452.45
2000	47.44	57.89	69.10	79.61	92.15	103.30	127.36	153.08	179.17	234.02	290.95	342.76	390.13	437.89	485.64
2400	54.47	67.13	79.80	91.83	105.77	119.07	146.30	175.43	204.57	266.63	331.23	388.87	443.33	497.17	550.37
2850	62.07	75.37	89.30	103.23	117.80	133.63	164.03	195.70	229.27	297.67	368.60	431.93	492.10	550.37	608.63
3200	68.40	83.60	99.43	115.27	130.47	146.93	181.13	216.60	252.07	326.80	403.43	472.47	536.43	599.77	662.47
3600	75.37	91.20	108.93	125.40	143.13	160.87	198.23	235.60	274.87	354.67	437.00	510.47	579.50	646.00	711.23
4000	81.70	99.43	117.17	135.53	155.17	174.17	213.43	253.97	295.77	381.90	468.03	545.93	618.77	688.43	754.93
5000	97.53	117.80	138.70	160.87	183.67	205.20	252.07	298.93	346.43	443.33	540.87	625.73	703.63	777.73	844.87
6000	112.10	135.53	159.60	184.30	209.63	235.60	287.53	339.47	392.03	499.07	602.93	692.23	771.40	842.97	904.40
7000	125.40	152.63	179.23	207.10	235.60	263.47	320.47	377.47	435.10	547.83	654.87	745.43	820.17	882.23	930.37
8000	138.70	169.10	198.23	229.27	259.03	289.43	351.50	412.93	473.10	590.90	698.57	782.80	847.40	893.63	918.97
10000	164.67	198.87	234.33	268.53	304.00	338.20	407.87	474.37	538.97	654.87	751.77	810.67	834.73	822.07	766.97
12000	188.73	228.00	266.63	305.90	344.53	381.90	454.73	524.40	587.73	691.60	756.83	766.97	717.57		
14000	211.53	253.97	297.03	339.47	380.00	419.27	494.00	561.77	618.77	695.40	709.33	639.67			

Power rating- (W)

PIX-X'act® - 3M HTD Belt with 10.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	10	12	14	16	18	20	24	28	32	40	48	56	64	72	80
10	1.79	1.78	1.76	1.77	3.55	3.55	3.56	5.33	5.33	7.11	10.67	12.44	14.21	14.22	16.00
40	3.54	3.55	3.54	5.32	5.33	5.34	7.11	8.89	10.67	16.00	19.56	23.22	26.78	30.33	34.44
60	3.56	5.33	5.34	7.11	8.89	8.88	12.44	14.22	17.78	23.22	30.33	36.22	41.56	45.11	50.56
100	7.11	8.89	10.67	12.44	14.22	16.00	19.56	23.22	28.56	38.00	50.56	59.44	68.89	76.00	85.00
200	14.22	17.78	19.56	23.22	26.78	30.33	40.01	48.78	57.67	77.89	99.78	119.44	136.11	152.11	170.56
300	19.56	23.22	28.56	32.67	38.00	43.33	54.11	65.50	77.89	105.22	134.33	158.00	181.22	203.22	227.00
400	23.22	28.56	34.44	41.56	46.89	54.11	67.11	81.44	96.50	128.89	163.44	194.33	221.67	250.78	277.44
500	28.56	34.44	41.56	48.78	55.89	63.56	79.67	96.22	112.33	150.50	192.56	227.00	259.67	292.33	325.00
600	32.67	39.78	48.78	55.89	63.56	72.44	90.33	108.78	128.89	172.33	219.00	257.89	295.89	332.11	368.44
700	36.22	45.11	54.11	63.56	72.44	81.44	101.56	123.00	145.00	192.56	243.00	289.00	328.56	370.22	412.33
800	41.56	50.56	59.44	70.67	79.67	90.33	112.33	136.11	159.89	212.11	268.56	316.11	361.50	407.00	452.22
900	45.11	54.11	65.33	76.00	86.78	99.78	123.00	148.56	174.11	230.56	290.56	343.44	392.11	442.00	490.22
950	46.89	57.67	68.89	79.67	90.33	103.33	128.89	153.89	181.22	239.44	303.00	357.67	408.78	459.33	511.00
1000	48.78	59.44	70.67	83.22	94.44	107.00	132.56	159.89	189.00	248.33	314.33	370.22	423.00	475.89	528.22
1200	55.89	68.89	81.44	94.44	108.78	123.00	152.11	183.00	215.67	283.44	357.67	421.22	481.33	541.33	599.56
1400	63.56	77.89	92.11	107.00	123.00	137.89	170.56	205.00	241.22	317.89	397.56	468.78	536.00	601.33	668.44
1450	65.33	79.67	94.44	110.56	125.33	141.44	175.89	210.33	248.33	325.00	408.78	479.56	548.44	615.56	684.44
1600	70.67	85.00	101.56	117.67	136.11	152.11	189.00	227.00	266.78	348.78	437.89	514.00	586.44	659.56	732.00
1800	76.00	94.44	112.33	130.67	148.56	167.00	206.78	246.56	290.56	379.67	474.11	557.33	637.56	715.44	793.78
2000	83.22	101.56	121.22	139.67	161.67	181.22	223.44	268.56	314.33	410.56	510.44	601.33	684.44	768.22	852.00
2400	95.56	117.78	140.00	161.11	185.56	208.89	256.67	307.78	358.89	467.78	581.11	682.22	777.78	872.22	965.56
2850	108.89	132.22	156.67	181.11	206.67	234.44	287.78	343.33	402.22	522.22	646.67	757.78	863.33	965.56	1067.78
3200	120.00	146.67	174.44	202.22	228.89	257.78	317.78	380.00	442.22	573.33	707.78	828.89	941.11	1052.22	1162.22
3600	132.22	160.00	191.11	220.00	251.11	282.22	347.78	413.33	482.22	622.22	766.67	895.56	1016.67	1133.33	1247.78
4000	143.33	174.44	205.56	237.78	272.22	305.56	374.44	445.56	518.89	670.00	821.11	957.78	1085.56	1207.78	1324.44
5000	171.11	206.67	243.33	282.22	322.22	360.00	442.22	524.44	607.78	777.78	948.89	1097.78	1234.44	1364.44	1482.22
6000	196.67	237.78	280.00	323.33	367.78	413.33	504.44	595.56	687.78	875.56	1057.78	1214.44	1353.33	1478.89	1586.67
7000	220.00	267.78	314.44	363.33	413.33	462.22	562.22	662.22	763.33	961.11	1148.89	1307.78	1438.89	1547.78	1632.22
8000	243.33	296.67	347.78	402.22	454.44	507.78	616.67	724.44	830.00	1036.67	1225.56	1373.33	1486.67	1567.78	1612.22
10000	288.89	348.89	411.11	471.11	533.33	593.33	715.56	832.22	945.56	1148.89	1318.89	1422.22	1464.44	1442.22	1345.56
12000	331.11	400.00	467.78	536.67	604.44	670.00	797.78	920.00	1031.11	1213.33	1327.78	1345.56	1258.89	---	---
14000	371.11	445.56	521.11	595.56	666.67	735.56	866.67	985.56	1085.56	1220.00	1244.44	1122.22	---	---	---

Power rating- (W)

PIX-X'act®- 3M HTD Belt with 15.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	10	12	14	16	18	20	24	28	32	40	48	56	64	72	80
10	3.26	3.27	3.28	3.30	6.50	6.51	6.52	9.71	9.73	12.94	19.41	22.65	25.89	25.90	29.12
40	6.46	6.55	6.65	9.71	9.72	9.75	12.94	16.18	19.41	29.12	35.59	42.26	48.74	55.21	62.69
60	6.47	9.75	9.81	12.94	16.18	16.18	22.65	25.88	32.36	42.26	55.21	65.92	75.63	82.10	92.01
100	12.94	16.18	19.41	22.65	25.88	29.12	35.59	42.26	51.97	69.50	92.50	108.50	125.38	138.32	154.70
200	25.88	32.36	35.59	42.26	48.74	55.21	72.40	88.78	104.95	141.76	181.60	217.39	247.72	276.84	310.41
300	35.59	42.26	51.97	59.45	69.16	78.87	98.48	118.91	141.76	191.50	244.49	287.56	329.82	369.86	413.14
400	42.26	51.97	62.69	75.63	85.34	98.48	122.14	148.23	175.12	234.58	297.47	353.69	403.43	456.42	504.95
500	51.97	62.69	75.63	88.78	101.72	115.67	144.99	175.12	204.45	273.61	350.45	413.14	472.59	532.05	591.50
600	59.45	72.40	88.78	101.72	115.67	131.85	164.41	197.98	234.58	313.65	396.96	469.36	538.52	604.44	670.57
700	65.92	82.10	98.48	115.67	131.85	148.23	184.83	223.86	263.90	350.45	442.26	525.58	597.97	673.80	750.45
800	75.63	92.01	108.19	128.61	144.99	164.41	204.45	247.72	291.00	386.04	488.77	575.32	657.42	740.74	823.04
900	82.10	98.48	118.91	138.32	157.94	181.60	223.86	270.37	316.88	419.61	528.81	625.07	713.64	803.43	892.20
950	85.34	104.95	125.38	144.99	164.41	188.07	234.58	280.08	329.82	435.79	551.46	650.95	743.98	835.99	929.01
1000	88.78	108.19	128.61	151.46	171.89	194.74	241.25	291.00	343.98	451.97	572.09	673.80	769.86	866.12	961.36
1200	101.72	125.38	148.23	171.89	197.98	223.86	276.84	333.06	392.51	515.87	650.95	766.62	876.03	985.23	1091.19
1400	115.67	141.76	167.64	194.74	223.86	250.96	310.41	373.10	439.02	578.56	723.55	853.18	975.52	1094.43	1216.57
1450	118.91	144.99	171.89	201.21	228.11	257.43	320.12	382.81	451.97	591.50	743.98	872.79	998.17	1120.31	1245.69
1600	128.61	154.70	184.83	214.15	247.72	276.84	343.98	413.14	485.54	634.78	796.96	935.48	1067.33	1200.39	1332.24
1800	138.32	171.89	204.45	237.81	270.37	303.94	376.34	448.73	528.81	690.99	862.88	1014.35	1160.35	1302.11	1444.68
2000	151.46	184.83	220.62	254.19	294.23	329.82	406.67	488.77	572.09	747.21	929.01	1094.43	1245.69	1398.16	1550.64
2400	173.91	214.36	254.80	293.22	337.71	380.18	467.13	560.16	653.18	851.36	1057.62	1241.64	1415.56	1587.44	1757.31
2850	198.18	240.64	285.13	329.62	376.13	426.69	523.76	624.87	732.04	950.44	1176.93	1379.16	1571.27	1757.31	1943.36
3200	218.40	266.93	317.49	368.04	416.58	469.16	578.36	691.60	804.84	1043.47	1288.16	1508.58	1712.82	1915.04	2115.24
3600	240.64	291.20	347.82	400.40	457.02	513.64	632.96	752.27	877.64	1132.44	1395.33	1629.91	1850.33	2062.67	2270.96
4000	260.87	317.49	374.11	432.76	495.44	556.11	681.49	810.91	944.38	1219.40	1494.42	1743.16	1975.71	2198.16	2410.49
5000	311.42	376.13	442.87	513.64	586.44	655.20	804.84	954.49	1106.16	1415.56	1726.98	1997.96	2246.69	2483.29	2697.64
6000	357.93	432.76	509.60	588.47	669.36	752.27	918.09	1083.91	1251.76	1593.51	1925.16	2210.29	2463.07	2691.58	2887.73
7000	400.40	487.36	572.29	661.27	752.27	841.24	1023.24	1205.24	1389.27	1749.22	2090.98	2380.16	2618.78	2816.96	2970.64
8000	442.87	539.93	632.96	732.04	827.09	924.16	1122.33	1318.49	1510.60	1886.73	2230.51	2499.47	2705.73	2853.36	2934.24
10000	525.78	634.98	748.22	857.42	970.67	1079.87	1302.31	1514.64	1720.91	2090.98	2400.38	2588.44	2665.29	2624.84	2448.91
12000	602.62	728.00	851.36	976.73	1100.09	1219.40	1451.96	1674.40	1876.62	2208.27	2416.56	2448.91	2291.18		
14000	675.42	810.91	948.42	1083.91	1213.33	1338.71	1577.33	1793.71	1975.71	2220.40	2264.89	2042.44			

Power rating- (kW) PIX-X'act®- 5M HTD Belt with 9.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	14	16	18	20	24	28	32	36	40	44	48	56	64	72	80
20	0.002	0.003	0.004	0.005	0.007	0.009	0.011	0.013	0.015	0.018	0.020	0.025	0.029	0.032	0.036
40	0.006	0.008	0.009	0.011	0.014	0.018	0.022	0.027	0.032	0.037	0.042	0.051	0.058	0.066	0.074
60	0.012	0.015	0.017	0.020	0.025	0.031	0.037	0.044	0.051	0.058	0.066	0.079	0.091	0.102	0.114
100	0.021	0.025	0.029	0.034	0.043	0.052	0.063	0.074	0.085	0.098	0.111	0.133	0.152	0.171	0.191
200	0.043	0.051	0.059	0.067	0.085	0.105	0.125	0.147	0.171	0.196	0.222	0.286	0.304	0.343	0.381
300	0.058	0.069	0.080	0.091	0.115	0.141	0.169	0.198	0.229	0.261	0.295	0.354	0.404	0.455	0.506
400	0.074	0.087	0.101	0.115	0.145	0.176	0.210	0.245	0.283	0.322	0.363	0.434	0.497	0.559	0.621
500	0.089	0.104	0.120	0.137	0.171	0.208	0.248	0.289	0.333	0.378	0.426	0.508	0.581	0.654	0.726
600	0.103	0.121	0.139	0.158	0.198	0.240	0.284	0.331	0.380	0.432	0.485	0.579	0.661	0.744	0.826
700	0.114	0.134	0.155	0.176	0.220	0.267	0.317	0.369	0.423	0.480	0.539	0.643	0.735	0.826	0.918
800	0.129	0.151	0.173	0.197	0.245	0.297	0.351	0.409	0.468	0.530	0.595	0.708	0.808	0.909	1.009
900	0.140	0.164	0.189	0.214	0.267	0.323	0.382	0.444	0.509	0.576	0.645	0.767	0.877	0.985	1.094
950	0.147	0.172	0.198	0.224	0.279	0.337	0.399	0.463	0.530	0.599	0.671	0.798	0.911	1.025	1.136
1000	0.151	0.177	0.203	0.231	0.288	0.349	0.412	0.478	0.548	0.620	0.694	0.825	0.942	1.059	1.175
1200	0.175	0.205	0.235	0.266	0.332	0.400	0.472	0.547	0.625	0.706	0.790	0.937	1.069	1.201	1.332
1400	0.198	0.231	0.265	0.300	0.373	0.450	0.530	0.613	0.699	0.789	0.881	1.043	1.189	1.334	1.478
1450	0.203	0.237	0.271	0.307	0.382	0.460	0.542	0.628	0.716	0.807	0.901	1.067	1.217	1.365	1.512
1600	0.220	0.256	0.294	0.332	0.412	0.496	0.584	0.675	0.769	0.866	0.966	1.142	1.301	1.458	1.613
1800	0.241	0.280	0.321	0.363	0.450	0.541	0.636	0.734	0.836	0.940	1.047	1.237	1.407	1.575	1.740
2000	0.259	0.302	0.346	0.391	0.485	0.582	0.684	0.789	0.898	1.009	1.123	1.325	1.505	1.683	1.856
2400	0.299	0.348	0.398	0.449	0.556	0.666	0.781	0.899	1.020	1.144	1.270	1.492	1.691	1.883	2.069
2850	0.340	0.395	0.452	0.510	0.629	0.753	0.881	1.012	1.145	1.281	1.418	1.660	1.872	2.074	2.265
3200	0.373	0.433	0.495	0.558	0.687	0.820	0.957	1.097	1.239	1.382	1.527	1.779	1.997	2.202	2.390
3600	0.407	0.472	0.539	0.607	0.747	0.890	1.037	1.185	1.335	1.486	1.637	1.897	2.117	2.318	2.495
4000	0.441	0.511	0.583	0.656	0.805	0.957	1.112	1.269	1.426	1.582	1.737	2.000	2.216	2.405	2.562
5000	0.522	0.604	0.687	0.770	0.940	1.112	1.283	1.453	1.619	1.782	1.938	2.185	2.361	2.483	2.544
6000	0.595	0.686	0.779	0.872	1.058	1.243	1.423	1.597	1.762	1.917	2.058	2.252	2.339	2.332	2.219
7000	0.667	0.767	0.868	0.968	1.165	1.356	1.537	1.705	1.856	1.988	2.098	2.194	2.134		
8000	0.730	0.838	0.945	1.050	1.254	1.444	1.616	1.767	1.890	1.982	2.040	1.987			
10000	0.848	0.966	1.080	1.189	1.386	1.551	1.676	1.751	1.770	1.724	1.606				
12000	0.948	1.069	1.181	1.282	1.447	1.550	1.577	1.516	1.353						
14000	1.029	1.145	1.246	1.328	1.428	1.425	1.298								

Power rating- (kW)

PIX-X'act®- 5M HTD Belt with 15.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	14	16	18	20	24	28	32	36	40	44	48	56	64	72	80
20	0.008	0.009	0.011	0.012	0.016	0.019	0.023	0.027	0.032	0.036	0.041	0.050	0.057	0.064	0.072
40	0.015	0.018	0.021	0.024	0.031	0.038	0.046	0.055	0.063	0.073	0.083	0.100	0.114	0.129	0.143
60	0.024	0.028	0.033	0.037	0.048	0.059	0.070	0.083	0.096	0.110	0.125	0.150	0.172	0.194	0.216
100	0.040	0.047	0.055	0.063	0.080	0.098	0.118	0.138	0.161	0.184	0.209	0.251	0.287	0.324	0.360
200	0.084	0.099	0.114	0.130	0.164	0.201	0.240	0.282	0.326	0.373	0.423	0.507	0.580	0.652	0.725
300	0.113	0.133	0.154	0.175	0.221	0.270	0.322	0.377	0.436	0.497	0.562	0.672	0.769	0.865	0.962
400	0.144	0.168	0.194	0.221	0.277	0.337	0.400	0.468	0.539	0.613	0.691	0.825	0.943	1.061	1.179
500	0.170	0.199	0.229	0.260	0.326	0.397	0.471	0.549	0.632	0.718	0.808	0.964	1.102	1.240	1.378
600	0.196	0.229	0.263	0.299	0.374	0.454	0.539	0.627	0.721	0.818	0.920	1.096	1.253	1.409	1.565
700	0.221	0.259	0.297	0.337	0.421	0.510	0.604	0.703	0.806	0.914	1.026	1.222	1.396	1.570	1.744
800	0.243	0.284	0.327	0.371	0.464	0.562	0.665	0.773	0.886	1.004	1.126	1.340	1.531	1.721	1.912
900	0.267	0.312	0.359	0.407	0.508	0.614	0.726	0.843	0.965	1.093	1.224	1.456	1.663	1.869	2.075
950	0.278	0.325	0.373	0.423	0.528	0.638	0.754	0.876	1.003	1.134	1.271	1.511	1.726	1.940	2.153
1000	0.291	0.340	0.390	0.442	0.550	0.665	0.785	0.911	1.042	1.179	1.320	1.568	1.790	2.012	2.232
1200	0.335	0.390	0.448	0.507	0.631	0.761	0.898	1.040	1.188	1.341	1.500	1.779	2.030	2.280	2.529
1400	0.376	0.438	0.502	0.569	0.707	0.852	1.004	1.161	1.325	1.495	1.669	1.978	2.255	2.531	2.805
1450	0.387	0.451	0.517	0.585	0.727	0.875	1.031	1.192	1.360	1.533	1.711	2.027	2.311	2.593	2.872
1600	0.416	0.485	0.556	0.629	0.781	0.940	1.106	1.279	1.457	1.642	1.831	2.167	2.469	2.769	3.065
1800	0.455	0.530	0.607	0.686	0.852	1.024	1.204	1.391	1.583	1.782	1.985	2.346	2.671	2.991	3.307
2000	0.495	0.576	0.660	0.745	0.923	1.109	1.302	1.501	1.707	1.919	2.135	2.519	2.865	3.204	3.538
2400	0.568	0.661	0.756	0.853	1.055	1.265	1.483	1.707	1.938	2.173	2.413	2.838	3.219	3.589	3.949
2850	0.648	0.753	0.861	0.971	1.198	1.434	1.677	1.926	2.180	2.439	2.702	3.165	3.575	3.968	4.343
3200	0.706	0.820	0.937	1.056	1.302	1.556	1.816	2.083	2.354	2.629	2.906	3.391	3.817	4.218	4.593
3600	0.774	0.898	1.025	1.154	1.420	1.693	1.972	2.257	2.544	2.834	3.125	3.629	4.063	4.463	4.825
4000	0.837	0.971	1.107	1.246	1.530	1.821	2.117	2.417	2.719	3.020	3.321	3.835	4.268	4.653	4.987
5000	0.989	1.145	1.303	1.463	1.788	2.117	2.447	2.775	3.100	3.417	3.726	4.227	4.604	4.891	5.076
6000	1.131	1.306	1.483	1.662	2.019	2.376	2.726	3.068	3.396	3.707	3.998	4.421	4.661	4.745	4.652
7000	1.266	1.459	1.652	1.844	2.227	2.599	2.957	3.294	3.605	3.884	4.127	4.398	4.404		
8000	1.393	1.600	1.806	2.010	2.408	2.785	3.134	3.447	3.717	3.936	4.096	4.130			
10000	1.621	1.850	2.072	2.286	2.685	3.030	3.309	3.508	3.613	3.612	3.490				
12000	1.815	2.053	2.278	2.485	2.838	3.089	3.216	3.197	3.010						
14000	1.977	2.212	2.422	2.602	2.856	2.940	2.819								

Power rating- (kW)

PIX-X'act®- 5M HTD Belt with 25.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	14	16	18	20	24	28	32	36	40	44	48	56	64	72	80
20	0.014	0.017	0.020	0.022	0.029	0.035	0.042	0.050	0.057	0.066	0.075	0.090	0.103	0.116	0.129
40	0.027	0.033	0.038	0.044	0.056	0.069	0.083	0.098	0.114	0.131	0.148	0.179	0.204	0.230	0.256
60	0.043	0.051	0.059	0.067	0.086	0.105	0.126	0.149	0.172	0.198	0.224	0.269	0.308	0.347	0.386
100	0.072	0.085	0.099	0.113	0.144	0.176	0.211	0.249	0.288	0.330	0.375	0.450	0.515	0.580	0.644
200	0.149	0.176	0.203	0.232	0.293	0.358	0.428	0.503	0.582	0.666	0.754	0.905	1.034	1.164	1.294
300	0.206	0.241	0.278	0.317	0.398	0.486	0.579	0.677	0.782	0.891	1.007	1.205	1.377	1.549	1.722
400	0.256	0.300	0.346	0.393	0.494	0.601	0.714	0.834	0.961	1.094	1.233	1.474	1.685	1.895	2.106
500	0.306	0.358	0.412	0.468	0.586	0.711	0.844	0.984	1.131	1.286	1.447	1.726	1.972	2.219	2.465
600	0.352	0.412	0.473	0.537	0.672	0.814	0.965	1.124	1.290	1.464	1.646	1.961	2.241	2.521	2.800
700	0.395	0.462	0.531	0.603	0.763	0.812	1.080	1.256	1.441	1.634	1.834	2.184	2.495	2.806	3.116
800	0.437	0.511	0.587	0.666	0.831	1.006	1.190	1.383	1.585	1.796	2.014	2.397	2.738	3.079	3.419
900	0.479	0.560	0.643	0.729	0.909	1.099	1.299	1.508	1.727	1.954	2.190	2.603	2.973	3.343	3.711
950	0.500	0.583	0.670	0.759	0.946	1.144	1.351	1.569	1.795	2.031	2.275	2.703	3.087	3.470	3.862
1000	0.521	0.608	0.698	0.790	0.984	1.189	1.404	1.629	1.864	2.107	2.359	2.803	3.200	3.597	3.992
1200	0.597	0.696	0.799	0.905	1.126	1.359	1.603	1.857	2.122	2.396	2.679	3.179	3.628	4.075	4.520
1400	0.673	0.784	0.899	1.018	1.265	1.524	1.795	2.077	2.370	2.673	2.985	3.537	4.034	4.528	5.018
1450	0.690	0.805	0.923	1.044	1.297	1.563	1.841	2.130	2.429	2.739	3.058	3.622	4.131	4.636	5.137
1600	0.746	0.869	0.996	1.127	1.398	1.683	1.980	2.288	2.608	2.937	3.276	3.877	4.418	4.955	5.486
1800	0.816	0.950	1.088	1.230	1.525	1.834	2.155	2.489	2.834	3.128	3.552	4.198	4.781	5.356	5.923
2000	0.885	1.030	1.179	1.333	1.650	1.982	2.327	2.685	3.053	3.432	3.819	4.507	5.127	5.737	6.336
2400	1.015	1.181	1.351	1.526	1.887	2.262	2.652	3.053	3.466	3.828	4.318	5.080	5.765	6.432	7.081
2850	1.160	1.347	1.540	1.737	2.143	2.664	2.999	3.446	3.902	4.366	4.837	5.669	6.410	7.122	7.802
3200	1.265	1.469	1.678	1.892	2.331	2.785	3.253	3.731	4.217	4.710	5.208	6.083	6.853	7.584	8.270
3600	1.383	1.605	1.832	2.064	2.539	3.028	3.529	4.040	4.557	5.078	5.601	6.513	7.302	8.036	8.705
4000	1.499	1.738	1.982	2.230	2.739	3.261	3.793	4.332	4.875	5.419	5.961	6.895	7.687	8.402	9.029
5000	1.770	2.049	2.332	2.619	3.202	3.793	4.387	4.980	5.567	6.144	6.707	7.631	8.344	8.905	9.297
6000	2.027	2.341	2.658	2.978	3.622	4.265	4.900	5.520	6.120	6.692	7.231	8.037	8.532	8.767	8.708
7000	2.266	2.612	2.959	3.306	3.996	4.672	5.324	5.943	6.519	7.044	7.508	8.072	8.189		
8000	2.493	2.865	3.237	3.605	4.326	5.015	5.658	6.243	6.756	7.185	7.518	7.698			
10000	2.907	3.320	3.724	4.114	4.846	5.492	6.029	6.434	6.684	6.756	6.629				
12000	3.262	3.696	4.108	4.492	5.158	5.656	5.950	6.001	5.772						
14000	3.564	3.997	4.389	4.732	5.243	5.472	5.361								

Power rating- (kW)

PIX-X'act® - 8M HTD Belt with 20.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley																
	22	24	26	28	30	32	34	36	38	40	44	48	52	56	64	72	80
10	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.08	0.09	0.10
20	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.18	0.20
50	0.06	0.07	0.09	0.11	0.14	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.41	0.46	0.51
100	0.13	0.15	0.19	0.24	0.28	0.33	0.38	0.44	0.49	0.53	0.59	0.64	0.69	0.74	0.84	0.93	1.03
200	0.30	0.34	0.42	0.50	0.59	0.69	0.79	0.90	1.02	1.10	1.21	1.31	1.41	1.51	1.70	1.90	2.09
300	0.47	0.51	0.63	0.75	0.88	1.02	1.17	1.32	1.49	1.62	1.76	1.91	2.05	2.20	2.48	2.75	3.03
400	0.64	0.70	0.83	0.98	1.15	1.33	1.53	1.73	1.95	2.11	2.30	2.49	2.67	2.86	3.22	3.58	3.93
500	0.79	0.87	1.00	1.20	1.40	1.62	1.86	2.11	2.37	2.57	2.80	3.03	3.25	3.48	3.92	4.35	4.78
600	0.96	1.05	1.19	1.41	1.65	1.91	2.19	2.49	2.80	3.03	3.30	3.57	3.83	4.09	4.61	5.11	5.61
700	1.11	1.21	1.35	1.61	1.89	2.19	2.51	2.85	3.20	3.47	3.78	4.08	4.38	4.68	5.27	5.85	6.41
800	1.27	1.39	1.53	1.82	2.14	2.47	2.83	3.21	3.61	3.91	4.26	4.60	4.94	5.27	5.93	6.57	7.20
950	1.52	1.66	1.80	2.13	2.49	2.88	3.30	3.74	4.21	4.56	4.96	5.35	5.75	6.13	6.89	7.63	8.35
1000	1.61	1.75	1.91	2.24	2.62	3.03	3.47	3.93	4.42	4.78	5.20	5.61	6.02	6.42	7.21	7.98	8.74
1200	1.94	2.12	2.30	2.64	3.09	3.57	4.08	4.63	5.20	5.62	6.11	6.59	7.07	7.53	8.45	9.33	10.19
1450	2.33	2.55	2.77	3.12	3.64	4.21	4.81	5.45	6.13	6.62	7.19	7.76	8.31	8.85	9.90	10.91	11.88
1600	2.59	2.82	3.06	3.41	3.98	4.60	5.26	5.95	6.68	7.22	7.84	8.45	9.04	9.62	10.75	11.82	12.85
1800	2.90	3.16	3.43	3.77	4.40	5.09	5.81	6.58	7.39	7.98	8.66	9.32	9.97	10.60	11.81	12.97	14.05
2000	3.21	3.50	3.80	4.16	4.81	5.56	6.35	7.19	8.08	8.73	9.46	10.17	10.86	11.54	12.83	14.04	15.17
2200	3.54	3.85	4.18	4.57	5.24	6.04	6.90	7.81	8.71	9.47	10.25	11.01	11.75	12.46	13.82	15.07	16.23
2500	4.02	4.38	4.75	5.19	5.85	6.74	7.70	8.70	9.77	10.54	11.39	12.22	13.01	13.77	15.19	16.48	17.62
2850	4.56	4.96	5.38	5.87	6.51	7.51	8.57	9.69	10.86	11.72	12.64	13.52	14.36	15.16	16.62	17.88	18.95
3000	4.79	5.21	5.65	6.17	6.79	7.83	8.93	10.10	11.32	12.21	13.15	14.05	14.91	15.72	17.17	18.41	19.42
3500	5.57	6.05	6.55	7.14	7.75	8.87	10.11	11.42	12.79	13.77	14.78	15.73	16.60	17.41	18.78	19.83	20.52
4000	6.33	6.86	7.41	8.08	8.75	9.83	11.19	12.63	14.14	15.19	16.24	17.18	18.04	18.78	19.95	20.64	
4500	7.06	7.65	8.25	8.97	9.70	10.72	12.19	13.74	15.36	16.48	17.52	18.42	19.20	19.83	20.64		
5000	7.77	8.40	9.05	9.82	10.60	11.51	13.08	14.73	16.45	17.61	18.60	19.42	20.06	20.51			
5500	8.46	9.13	9.81	10.62	11.44	12.25	13.87	15.60	17.40	18.59	19.48	20.15	20.59				
6000	9.15	9.85	10.56	11.41	12.25	13.08	14.59	16.38	18.24	19.43	20.17	20.64					

Power rating- (kW)

PIX-X'act® - 8M HTD Belt with 30.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley																
	22	24	26	28	30	32	34	36	38	40	44	48	52	56	64	72	80
10	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.12	0.13	0.15
20	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.18	0.20	0.22	0.23	0.26	0.29	0.32
50	0.11	0.13	0.16	0.19	0.22	0.26	0.30	0.35	0.39	0.42	0.47	0.51	0.55	0.59	0.66	0.74	0.82
100	0.25	0.28	0.34	0.41	0.48	0.56	0.64	0.72	0.82	0.82	0.96	1.04	1.12	1.20	1.36	1.51	1.66
200	0.49	0.56	0.68	0.82	0.96	1.11	1.23	1.45	1.63	1.76	1.93	2.09	2.25	2.40	2.71	3.02	3.32
300	0.74	0.81	0.99	1.18	1.38	1.60	1.84	2.09	2.35	2.55	2.78	3.01	3.24	3.46	3.91	4.35	4.78
400	1.01	1.10	1.30	1.55	1.81	2.10	2.40	2.73	3.07	3.32	3.62	3.92	4.21	4.50	5.07	5.64	6.19
500	1.27	1.39	1.60	1.91	2.23	2.58	2.95	3.34	3.77	4.07	4.44	4.80	5.15	5.51	6.20	6.89	7.56
600	1.52	1.66	1.88	2.24	2.62	3.03	3.47	3.93	4.42	4.79	5.22	5.64	6.05	6.47	7.28	8.08	8.86
700	1.78	1.94	2.16	2.57	3.01	3.48	3.98	4.52	5.08	5.50	5.98	6.47	6.94	7.41	8.34	9.25	10.15
800	2.02	2.21	2.43	2.89	3.39	3.92	4.48	5.08	5.71	6.18	6.73	7.27	7.80	8.33	9.37	10.39	11.38
950	2.41	2.63	2.86	3.37	3.95	4.57	5.22	5.92	6.66	7.20	7.84	8.46	9.08	9.69	10.89	12.06	13.20
1000	2.55	2.78	3.02	3.54	4.15	4.79	5.48	6.21	6.98	7.55	8.21	8.86	9.51	10.15	11.39	12.61	13.80
1200	3.07	3.35	3.63	4.18	4.89	5.64	6.44	7.30	8.21	8.87	9.65	10.41	11.16	11.89	13.34	14.74	16.09
1450	3.69	4.03	4.38	4.93	5.76	6.65	7.60	8.61	9.68	10.46	11.36	12.25	13.12	13.97	16.64	17.24	18.78
1600	4.07	4.44	4.83	5.37	6.28	7.25	8.29	9.38	10.54	11.39	12.37	13.33	14.26	15.18	16.97	18.67	20.31
1800	4.57	4.98	5.41	5.95	6.95	8.03	9.17	10.38	11.66	12.60	13.67	14.72	15.74	16.74	18.66	20.50	22.23
2000	5.08	5.53	6.01	6.57	7.62	8.79	10.04	11.37	12.76	13.79	14.95	16.07	17.17	18.24	20.30	22.23	24.03
2200	5.59	6.09	6.61	7.23	8.28	9.55	10.90	12.34	13.85	14.96	16.20	17.40	18.57	19.70	21.86	23.87	25.71
2500	6.34	6.90	7.49	8.19	9.23	10.64	12.15	13.74	15.42	16.64	17.99	19.30	20.56	21.77	24.04	26.11	27.95
2850	7.21	7.84	8.50	9.29	10.29	11.87	13.54	15.31	17.17	18.52	19.98	21.39	22.72	24.00	26.34	28.40	30.14
3000	7.58	8.25	8.94	9.76	10.75	12.39	14.13	15.97	17.91	19.31	20.81	22.25	23.61	24.90	27.25	29.27	30.93
3500	8.79	9.55	10.34	11.28	12.24	14.01	15.97	18.04	20.22	21.77	23.38	24.89	26.30	27.60	29.85	31.60	32.81
4000	9.99	10.84	11.71	12.76	13.83	15.54	17.70	19.97	22.36	24.04	25.71	27.24	28.63	29.85	31.81	33.05	
4500	11.16	12.10	13.05	14.20	15.36	16.97	19.30	21.76	24.33	26.12	27.79	29.27	30.55	31.61	33.06		
5000	12.30	13.31	14.33	15.57	16.81	18.26	20.75	23.37	26.11	27.96	29.57	30.93	32.02	32.82			
5500	13.41	14.48	15.56	16.87	18.17	19.47	22.05	24.80	27.67	29.57	31.05	32.20	33.00				
6000	14.47	15.59	16.72	18.08	19.44	20.77	23.19	26.04	29.01	30.92	32.19	33.05					

Power rating- (kW)

PIX-X'act® - 8M HTD Belt with 50.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley																
	22	24	26	28	30	32	34	36	38	40	44	48	52	56	64	72	80
10	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.22	0.24	0.27
20	0.08	0.10	0.11	0.13	0.16	0.19	0.21	0.24	0.28	0.30	0.33	0.36	0.38	0.41	0.46	0.52	0.57
50	0.20	0.23	0.28	0.34	0.40	0.47	0.54	0.62	0.70	0.75	0.82	0.89	0.96	1.03	1.16	1.30	1.43
100	0.42	0.47	0.58	0.69	0.82	0.95	1.09	1.24	1.40	1.51	1.66	1.80	1.93	2.07	2.34	2.60	2.87
200	0.87	0.99	1.20	1.43	1.68	1.94	2.22	2.52	2.84	3.06	3.36	3.63	3.91	4.18	4.72	5.25	5.77
300	1.33	1.45	1.75	2.08	2.44	2.82	3.23	3.66	4.12	4.46	4.86	5.26	5.65	6.04	6.81	7.57	8.32
400	1.76	1.92	2.27	2.69	3.16	3.65	4.18	4.74	5.33	5.77	6.29	6.80	7.31	7.81	8.80	9.78	10.74
500	2.20	2.41	2.78	3.30	3.86	4.47	5.11	5.79	6.82	7.05	7.68	8.31	8.92	9.53	10.74	11.92	13.09
600	2.65	2.89	3.27	3.89	4.55	5.26	6.02	6.83	7.68	8.31	9.05	9.78	10.50	11.22	12.62	14.01	15.37
700	3.10	3.39	3.77	4.48	5.24	6.06	6.92	7.85	8.82	9.54	10.39	11.23	12.05	12.87	14.48	16.05	17.60
800	3.55	3.87	4.25	5.05	5.91	6.82	7.80	8.84	9.94	10.75	11.70	12.63	13.56	14.48	16.27	18.04	19.76
950	4.20	4.59	4.98	5.88	6.87	7.94	9.08	10.29	11.56	12.51	13.61	14.69	15.76	16.82	18.89	20.92	22.90
1000	4.41	4.82	5.23	6.14	7.18	8.30	9.49	10.76	12.09	13.08	14.23	15.36	16.48	17.58	19.74	21.85	23.91
1200	5.32	5.80	6.30	7.24	8.47	9.78	11.18	12.66	14.22	15.38	16.72	18.04	19.33	20.61	23.12	25.54	27.90
1450	6.40	6.98	7.58	8.54	9.98	11.53	13.18	14.92	16.77	18.13	19.69	21.23	22.73	24.22	27.10	29.89	32.57
1600	7.07	7.71	8.37	9.32	10.90	12.58	14.37	16.27	18.28	19.75	21.45	23.11	24.73	26.33	29.43	32.40	35.24
1800	7.95	8.67	9.41	10.33	12.07	13.94	15.92	18.02	20.24	21.86	23.72	25.53	27.31	29.05	32.40	35.58	38.61
2000	8.83	9.62	10.44	11.42	13.23	15.26	17.43	19.73	22.15	23.92	25.93	27.89	29.80	31.67	35.24	38.61	41.76
2200	9.70	10.56	11.46	12.54	14.35	16.56	18.91	21.39	24.02	25.93	28.09	30.18	32.21	34.19	37.95	41.45	44.69
2500	10.98	11.95	12.97	14.18	15.98	18.44	21.04	23.81	26.72	28.83	31.18	33.46	35.65	37.76	41.74	45.36	48.62
2850	12.51	13.61	14.75	16.12	17.87	20.60	23.50	26.56	29.80	32.13	34.68	37.13	39.47	41.69	45.80	49.43	52.53
3000	13.14	14.30	15.49	16.92	18.63	21.48	24.49	27.69	31.05	33.48	36.10	38.61	40.99	43.25	47.38	50.95	53.92
3500	15.25	16.58	17.94	19.58	21.24	24.32	27.72	31.31	35.09	37.78	40.60	43.25	45.73	48.02	52.01	55.17	57.41
4000	17.33	18.82	20.34	22.16	24.01	26.99	30.74	34.69	38.84	41.77	44.70	47.39	49.84	52.02	55.56	57.88	
4500	19.37	20.99	22.65	24.65	26.67	29.47	33.53	37.80	42.28	45.39	48.34	50.96	53.25	55.18	57.88		
5000	21.34	23.09	24.88	27.03	29.19	31.73	36.06	40.62	45.39	48.64	51.49	53.92	55.91	57.41			
5500	23.27	25.13	27.03	29.30	31.58	33.86	38.36	43.15	48.16	51.49	54.14	55.25	57.77				
6000	25.13	27.10	29.08	31.46	33.83	36.18	40.39	45.37	50.56	53.92	56.25	57.87					

Power rating- (kW)

PIX-X'act® - 8M HTD Belt with 85.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	32	34	36	38	40	44	48	52	56	60	64	68	72	76	80
10	0.14	0.17	0.19	0.22	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.43	0.45	0.47
20	0.33	0.38	0.43	0.49	0.53	0.58	0.63	0.67	0.72	0.77	0.81	0.86	0.91	0.95	1.00
50	0.84	0.97	1.10	1.23	1.33	1.46	1.58	1.70	1.82	1.93	2.05	2.17	2.28	2.39	2.51
100	1.67	1.92	2.18	2.46	2.65	2.91	3.15	3.39	3.62	3.86	4.09	4.32	4.55	4.78	5.01
200	3.39	3.88	4.40	4.96	5.34	5.85	6.33	6.81	7.28	7.75	8.22	8.68	9.14	9.60	10.05
300	4.91	5.61	6.37	7.16	7.75	8.45	9.14	9.83	10.50	11.18	11.84	12.51	13.16	13.82	14.47
400	6.37	7.28	8.26	9.29	10.05	10.95	11.84	12.73	13.60	14.41	15.33	16.18	17.02	17.86	18.70
500	7.78	8.91	10.10	11.35	12.29	13.38	14.47	15.54	16.60	17.65	18.70	19.73	20.76	21.77	22.78
600	9.15	10.47	11.87	13.35	14.45	15.73	17.00	18.26	19.50	20.74	21.96	23.17	24.37	25.55	26.73
700	10.54	12.05	13.66	15.35	16.61	18.08	19.53	20.97	22.39	23.80	25.19	26.57	27.93	29.29	30.63
800	11.87	13.57	15.37	17.28	18.70	20.35	21.98	23.59	25.18	26.75	28.31	29.85	31.38	32.89	34.38
950	13.84	15.82	17.92	20.14	21.78	23.70	26.58	27.45	29.29	31.10	32.90	34.67	36.42	38.16	39.87
1000	14.47	16.55	18.74	21.07	22.78	24.78	26.75	28.70	30.62	32.51	34.38	36.23	38.06	39.86	41.64
1200	17.01	19.44	22.02	24.74	26.75	29.08	31.38	33.64	35.86	38.06	40.22	42.35	44.45	46.52	48.56
1450	20.09	22.96	26.00	29.20	31.67	34.29	36.96	39.59	42.17	44.71	47.20	49.65	52.05	54.41	56.72
1600	21.90	25.02	28.32	31.81	34.38	37.33	40.22	43.05	45.86	48.56	51.23	53.85	56.41	58.92	61.37
1800	24.25	27.70	31.35	35.21	38.05	41.28	44.44	47.53	50.56	53.51	56.40	59.22	61.96	64.64	67.24
2000	26.58	30.35	34.35	38.56	41.65	45.15	48.57	51.90	55.14	58.30	61.38	64.36	67.26	70.06	72.77
2200	28.82	32.91	37.23	41.80	45.13	48.88	52.53	56.08	59.52	62.86	66.09	69.21	72.22	75.11	77.89
2500	32.13	36.67	41.48	46.55	50.23	54.33	58.29	62.12	65.81	69.36	72.76	76.02	79.12	82.06	84.83
2850	35.85	40.89	46.23	51.86	55.93	60.38	64.65	68.73	72.63	76.33	79.84	83.13	86.21	89.06	91.68
3000	37.39	42.65	48.21	54.07	58.29	62.87	67.25	71.42	75.38	79.12	82.62	85.89	88.92	91.68	94.18
3500	42.35	48.27	54.52	61.10	65.80	70.73	75.37	79.71	83.73	87.43	90.78	93.78	96.40	98.63	100.46
4000	47.02	53.55	60.43	67.67	72.77	77.91	82.63	86.94	90.80	94.19	97.10	99.48	101.33		
4500	51.34	58.41	65.86	73.68	79.12	84.29	88.92	92.97	96.41	99.20	101.32				
5000	55.30	62.86	70.81	79.13	84.81	89.85	94.16	97.71	100.45	102.32					
5500	59.07	66.93	75.30	84.04	89.88	94.58	98.36	101.13							
6000	63.12	70.50	79.20	88.27	94.17	98.34	101.31								

Power rating- (kW)

PIX-X'act®- 14M HTD Belt with 40.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley																
	28	29	30	32	34	36	38	40	42	44	46	48	52	56	64	72	80
10	0.18	0.18	0.18	0.18	0.28	0.28	0.28	0.38	0.38	0.38	0.38	0.38	0.48	0.48	0.58	0.68	0.68
20	0.37	0.37	0.37	0.47	0.57	0.57	0.67	0.67	0.77	0.77	0.77	0.87	0.97	0.97	1.17	1.27	1.47
40	0.68	0.78	0.78	0.98	1.08	1.18	1.38	1.38	1.48	1.58	1.68	1.78	1.88	2.08	2.38	2.68	2.98
60	1.07	1.17	1.27	1.47	1.67	1.87	1.97	2.17	2.27	2.37	2.47	2.67	2.87	3.07	3.57	3.97	4.47
100	1.78	1.88	2.08	2.38	2.78	3.08	3.38	3.58	3.78	3.98	4.18	4.38	4.88	5.18	5.98	6.68	7.48
200	3.58	3.88	4.18	4.78	5.48	6.18	6.78	7.18	7.58	7.98	8.38	8.88	9.68	10.48	11.98	13.48	14.98
300	4.88	5.28	5.68	6.58	7.48	8.48	9.18	9.68	10.28	10.78	11.38	11.98	13.08	14.18	16.48	18.88	21.28
400	6.08	6.58	7.08	8.18	9.28	10.48	11.38	11.98	12.68	13.28	13.98	14.68	15.98	17.38	20.08	22.88	25.78
500	7.18	7.78	8.38	9.58	10.98	12.28	13.28	14.08	14.78	15.58	16.38	17.18	18.68	20.18	23.28	26.38	29.58
600	8.15	8.85	9.45	10.95	12.45	13.95	15.05	15.85	16.75	17.55	18.45	19.35	21.05	22.65	26.05	29.45	32.85
700	9.07	9.87	10.57	12.17	13.77	15.57	16.77	17.67	18.57	19.47	20.47	21.37	23.17	24.97	28.47	32.07	36.67
800	9.97	10.77	11.57	13.27	15.07	16.97	18.27	19.27	20.17	21.17	22.17	23.17	25.07	26.97	30.67	34.47	38.07
950	11.18	12.08	12.98	14.88	16.88	18.98	20.38	21.38	22.48	23.48	24.58	25.68	27.68	29.68	33.48	37.28	40.98
1000	11.58	12.48	13.48	15.38	17.48	19.58	20.98	22.08	23.18	24.28	25.28	26.38	28.48	30.38	34.28	38.08	41.68
1200	12.97	14.07	15.07	17.27	19.47	21.77	23.37	24.47	25.57	26.77	27.87	28.97	31.07	33.07	36.97	40.47	43.77
1450	14.58	15.68	16.88	19.18	21.68	24.18	25.78	26.98	28.18	29.28	30.48	31.58	33.58	35.58	38.88	41.78	44.18
1600	15.38	16.58	17.78	20.18	22.78	25.38	27.08	28.18	29.38	30.48	31.58	32.68	34.68	36.38	39.38	41.68	43.28
1800	16.35	17.55	18.85	21.35	23.95	26.75	28.35	29.55	30.65	31.75	32.75	33.75	35.45	36.95	39.15	40.45	40.65
2000	17.18	18.48	19.78	22.38	25.08	27.88	29.48	30.58	31.58	32.58	33.48	34.38	35.78	36.88	38.08	37.98	36.48
2200	18.47	19.17	20.47	23.17	25.87	28.67	30.27	31.27	32.17	33.07	33.77	34.47	35.47	36.07	35.97	34.17	
2400	19.98	20.58	21.08	23.78	26.48	29.28	30.78	31.68	32.38	33.08	33.68	34.08	34.58	34.48	32.88		
2600	21.27	21.87	22.47	24.17	26.87	29.57	30.97	31.67	32.27	32.67	32.97	33.17	33.07	32.17	29.17		
2850	22.88	23.58	24.08	25.28	27.08	29.68	30.78	31.18	31.48	31.58	31.58	31.38	30.48	29.88			
3000	23.78	24.48	24.98	26.18	27.18	29.48	30.48	30.68	30.78	30.58	30.48	30.58	30.18	29.08			
3500	26.47	27.07	27.57	28.57	29.27	29.87	30.27	30.47	30.47	30.27	29.77	29.07					
4000	28.56	28.96	29.36	30.06	30.36	30.56	30.36	29.86	29.06								

Power rating- (kW)

PIX-X'act®- 14M HTD Belt with 55.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley																
	28	29	30	32	34	36	38	40	42	44	46	48	52	56	64	72	80
10	0.28	0.28	0.28	0.38	0.38	0.48	0.48	0.48	0.58	0.58	0.58	0.68	0.68	0.78	0.88	0.98	1.08
20	0.48	0.58	0.58	0.68	0.78	0.88	0.98	1.08	1.08	1.18	1.28	1.28	1.38	1.58	1.78	1.98	2.18
40	1.06	1.16	1.26	1.36	1.56	1.86	1.96	2.06	2.26	2.36	2.46	2.56	2.86	3.06	3.56	3.96	4.46
60	1.58	1.68	1.88	2.18	2.48	2.78	2.98	3.18	3.38	3.58	3.78	3.98	4.28	4.68	5.38	5.98	6.68
100	2.68	2.88	3.08	3.58	4.08	4.68	4.98	5.28	5.68	5.98	6.28	6.58	7.18	7.78	8.88	10.08	11.18
200	5.38	5.78	6.28	7.18	8.18	9.28	10.08	10.68	11.28	11.88	12.58	13.18	14.48	15.68	17.88	20.08	22.28
300	7.27	7.87	8.57	9.87	11.17	12.67	13.67	14.47	15.27	16.17	16.97	17.87	19.47	21.17	24.57	28.07	31.77
400	9.08	9.88	10.58	12.18	13.88	15.68	16.88	17.88	18.88	19.88	20.88	21.98	23.98	25.88	29.98	34.18	38.38
500	10.68	11.58	12.48	14.38	16.38	18.38	19.88	20.98	22.08	23.28	24.38	25.58	27.88	30.08	34.68	39.38	44.18
600	12.16	13.16	14.16	16.36	18.56	20.86	22.46	23.76	25.06	26.26	27.56	28.86	31.36	33.86	38.86	43.96	49.06
700	13.57	14.67	15.87	18.17	20.67	23.17	24.97	26.37	27.77	29.07	30.57	31.87	34.57	37.27	42.67	47.97	53.37
800	14.98	16.18	17.38	19.88	22.58	25.38	22.28	28.78	30.18	31.68	33.18	34.68	37.48	40.38	45.88	51.48	57.08
950	16.77	18.07	19.47	22.27	25.27	28.27	30.37	31.97	33.57	35.17	36.77	38.37	41.37	44.37	50.17	56.87	61.37
1000	17.38	18.68	20.08	22.98	26.08	29.18	31.38	32.98	34.58	36.18	37.88	39.48	42.58	45.48	51.38	57.08	62.58
1200	19.47	20.97	22.57	25.77	29.07	32.57	34.87	36.57	38.37	40.07	41.77	43.37	46.57	49.57	55.37	60.77	65.87
1450	21.78	23.48	25.18	28.68	32.38	36.18	38.58	40.38	42.18	43.88	45.58	47.28	50.38	53.28	58.58	63.08	66.88
1600	23.07	24.77	26.57	30.27	34.07	37.97	40.47	42.27	43.97	45.77	47.37	49.07	52.07	54.67	59.37	63.17	65.87
1800	24.48	26.38	28.18	32.08	35.98	40.08	42.58	44.38	46.08	47.68	49.28	50.78	53.48	55.78	59.48	61.78	62.58
2000	25.78	27.68	29.58	33.58	37.58	41.78	44.28	45.98	47.58	49.08	50.48	51.88	54.08	55.88	58.08	58.58	56.98
2200	27.77	28.77	30.77	34.77	38.87	43.07	45.57	47.07	48.47	49.87	51.07	52.17	53.87	54.97	55.37	53.47	
2400	29.97	30.87	31.77	35.77	39.87	44.07	46.37	47.77	48.97	50.07	51.07	51.87	52.77	52.97	51.27		
2600	32.07	32.97	33.87	36.47	40.57	44.67	46.87	47.97	48.87	49.67	50.27	50.77	50.77	49.97	46.47		
2850	34.48	35.48	36.38	38.18	40.98	44.88	46.78	47.48	48.08	48.38	48.58	48.38	47.48	47.08			
3000	35.88	36.88	37.78	39.58	41.18	44.78	46.38	46.88	47.08	47.08	47.08	47.38	47.28	46.28			
3500	40.07	40.97	41.87	43.47	44.77	45.87	46.67	47.17	47.47	47.37	46.97	46.27					
4000	43.48	44.28	44.98	46.18	46.98	47.38	47.48	47.08	46.28								

Power rating- (kW)

PIX-X'act®- 14M HTD Belt with 85.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley																
	28	29	30	32	34	36	38	40	42	44	46	48	52	56	64	72	80
10	0.38	0.48	0.48	0.58	0.68	0.78	0.78	0.88	0.88	0.98	0.98	1.08	1.18	1.28	1.48	1.68	1.88
20	0.86	0.96	0.96	1.16	1.36	1.46	1.66	1.76	1.86	1.96	2.06	2.16	2.36	2.56	2.96	3.26	3.66
40	1.78	1.88	2.08	2.38	2.68	3.08	3.28	3.58	3.78	3.98	4.18	4.38	4.78	5.18	5.88	6.68	7.38
60	2.67	2.87	3.07	3.57	4.07	4.57	4.97	5.27	5.57	5.47	6.27	6.57	7.17	7.77	8.87	9.97	11.07
100	4.38	4.78	5.18	5.98	6.78	7.68	8.38	8.88	9.38	9.88	10.38	10.98	11.98	12.98	14.88	16.68	18.58
200	8.88	9.58	10.38	11.98	13.68	15.48	16.68	17.68	18.78	19.78	20.88	21.88	23.98	25.98	29.68	33.38	37.08
300	12.18	13.18	14.18	16.38	18.68	21.08	22.78	24.08	25.48	26.88	28.28	29.68	32.38	35.18	40.88	46.68	52.78
400	15.07	16.37	17.57	20.27	23.07	26.07	28.07	29.67	31.37	33.07	34.67	36.37	39.77	43.07	49.77	56.67	63.77
500	17.78	19.28	20.78	23.88	27.08	30.58	32.98	34.78	36.68	38.58	40.58	42.48	46.28	49.98	57.68	65.48	73.38
600	20.27	21.97	23.67	27.17	30.87	34.67	37.37	39.47	41.57	43.67	45.87	47.97	52.17	56.27	64.67	73.07	81.67
700	22.68	24.58	26.28	30.18	34.28	38.58	41.78	43.78	46.08	48.38	50.68	52.98	57.48	61.98	70.88	79.78	88.78
800	24.77	26.77	28.87	33.07	37.47	42.17	45.27	47.77	50.17	52.67	55.07	57.57	62.37	66.97	76.37	85.67	94.87
950	27.88	30.08	32.28	36.98	41.88	47.08	60.58	53.18	56.78	58.58	61.08	63.78	68.78	73.68	83.38	92.98	102.28
1000	28.78	31.08	33.38	38.28	43.28	48.58	52.08	54.78	57.48	60.18	62.88	65.58	70.78	75.68	85.48	94.98	104.28
1200	32.37	34.87	37.47	42.77	48.37	54.17	57.97	60.87	63.77	66.57	69.37	72.27	77.57	82.57	92.27	101.47	109.97
1450	36.28	39.08	41.88	47.78	53.78	60.08	64.18	67.18	70.18	73.08	75.98	78.78	83.98	88.88	97.78	105.68	112.38
1600	38.27	41.27	44.17	50.27	56.67	63.17	67.37	70.37	73.27	76.17	79.07	81.87	86.87	91.37	99.47	106.17	111.07
1800	40.78	43.88	46.98	53.38	59.98	66.68	70.98	73.88	76.78	79.58	82.28	84.88	89.48	93.48	99.88	104.28	106.38
2000	42.98	46.08	49.28	55.88	62.68	69.68	73.88	76.68	79.38	81.98	84.48	86.88	90.78	93.88	98.18	99.68	97.88
2200	46.27	48.07	51.27	58.07	64.97	71.97	76.07	78.67	81.17	83.47	85.67	87.67	90.67	92.77	94.27	91.97	
2400	49.97	51.47	52.97	59.77	66.67	73.67	77.67	79.97	82.17	84.07	85.77	87.37	89.27	89.97	88.07		
2600	53.47	55.07	56.67	61.07	67.87	74.77	78.47	80.47	82.27	83.67	84.97	85.87	86.37	85.47	80.87		
2850	57.68	69.38	60.98	63.98	68.68	76.38	78.68	80.08	81.18	81.88	82.28	82.38	81.48	81.48			
3000	60.07	51.77	63.37	66.37	69.17	75.27	78.27	79.27	79.87	80.07	80.37	81.17	81.67	80.67			
3500	67.38	68.98	70.48	73.28	75.78	77.78	79.48	80.68	81.38	81.68	81.38	80.68					
4000	73.26	74.76	76.06	78.26	79.96	81.16	81.66	81.46	80.66								

Power rating- (kW)

PIX-X'act®- 14M HTD Belt with 115.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley																
	28	29	30	32	34	36	38	40	42	44	46	48	52	56	64	72	80
10	0.58	0.68	0.68	0.78	0.98	1.08	1.18	1.18	1.28	1.38	1.48	1.48	1.68	1.78	2.08	2.28	2.58
20	1.18	1.28	1.48	1.68	1.88	2.18	2.28	2.48	2.58	2.78	2.88	3.08	3.38	3.58	4.18	4.68	5.18
40	2.47	2.67	2.87	3.37	3.77	4.27	4.67	4.97	5.17	5.47	5.77	6.07	6.67	7.27	8.27	9.27	10.37
60	3.68	3.98	4.38	4.98	5.68	6.48	6.98	7.38	7.88	8.28	8.78	9.18	10.08	10.88	12.48	13.98	15.58
100	6.16	6.66	7.26	8.36	9.56	10.76	11.66	12.36	13.06	13.76	14.56	15.26	16.76	18.16	20.76	23.26	25.86
200	12.38	13.48	14.48	16.78	19.08	21.58	23.38	24.78	26.18	27.68	29.18	30.68	33.58	36.28	41.48	46.68	51.78
300	16.97	18.37	19.87	22.87	26.07	29.37	31.77	33.67	35.57	37.47	39.47	41.47	45.27	49.17	57.07	65.27	73.67
400	21.08	22.88	24.58	28.38	32.28	36.38	39.28	41.58	43.88	46.18	48.58	50.88	55.58	60.18	69.58	79.28	89.18
500	24.88	26.88	28.98	33.38	37.88	42.68	46.08	48.68	51.28	53.98	56.68	59.38	64.68	69.98	80.58	91.48	102.58
600	28.37	30.67	33.07	37.97	43.07	48.47	52.27	55.17	58.17	61.07	64.07	67.07	72.97	78.67	90.37	102.17	114.17
700	31.68	34.18	36.78	42.28	47.98	53.88	57.98	61.18	64.38	67.58	70.88	74.08	80.38	86.58	99.08	111.58	124.18
800	34.67	37.47	40.27	46.17	52.37	58.87	63.37	66.77	70.17	73.57	77.07	80.57	87.17	93.67	106.77	119.77	132.67
950	38.96	42.06	45.16	51.76	58.56	65.76	70.56	74.26	77.96	81.66	85.36	89.06	96.16	103.06	116.66	130.06	143.06
1000	40.28	43.48	46.68	53.48	60.58	67.88	72.88	76.68	80.38	84.18	87.98	91.78	98.88	105.88	119.58	132.98	145.98
1200	45.28	48.78	52.38	59.88	67.68	75.68	81.08	85.18	89.18	93.08	97.08	101.08	108.48	115.58	129.28	142.18	154.18
1450	50.67	54.57	58.57	66.77	75.27	84.07	89.87	93.97	98.17	102.27	106.27	110.27	117.57	124.47	137.07	148.27	157.77
1600	53.58	57.68	61.78	70.38	79.28	88.38	94.28	98.48	102.58	106.68	110.68	114.58	121.68	128.08	139.58	149.08	156.28
1800	57.07	61.37	65.67	74.67	83.87	93.37	99.37	103.47	107.57	111.47	115.27	118.97	125.47	131.07	140.37	146.87	150.07
2000	60.08	64.58	69.08	78.28	87.78	97.48	103.48	107.48	111.28	114.98	118.48	121.78	127.38	131.88	138.28	140.68	138.78
2200	64.77	67.27	71.87	81.27	90.97	100.77	106.67	110.37	113.87	117.17	120.27	123.07	127.47	130.47	133.07	130.57	
2400	69.98	72.18	74.28	83.78	93.48	103.28	108.88	112.28	115.28	118.08	120.58	122.78	125.68	126.88	124.88		
2600	74.97	77.17	79.37	85.57	95.27	104.97	110.17	113.07	115.57	117.77	119.57	120.97	121.97	120.97	115.27		
2850	80.87	83.17	85.47	89.77	96.47	105.87	110.57	112.67	114.27	115.47	116.37	116.37	115.47	115.97			
3000	84.28	86.58	88.88	93.18	97.18	105.88	110.08	111.58	112.58	113.08	113.58	114.88	115.98	115.08			
3500	94.56	96.86	99.06	103.16	106.66	109.66	112.16	114.06	115.26	115.96	115.86	115.06					
4000	103.18	105.28	107.18	110.48	113.08	114.88	115.78	115.88	115.08								

Power rating- (kW)

PIX-X'act®- 14M HTD Belt with 170.0mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	36	38	40	42	44	46	48	52	56	60	64	68	72	76	80
10	1.57	1.77	1.87	1.97	2.07	2.17	2.27	2.57	2.77	2.97	3.17	3.37	3.57	3.77	3.87
20	3.28	3.58	3.78	3.98	4.18	4.38	4.68	5.08	5.48	5.88	6.28	6.68	7.08	7.48	7.88
40	6.56	7.06	7.46	7.96	8.36	8.86	9.26	10.16	11.06	11.76	12.56	13.36	14.16	14.96	15.76
60	9.88	10.68	11.28	11.98	12.58	13.28	13.98	15.28	16.58	17.78	18.88	20.08	21.28	22.48	23.68
100	16.36	17.76	18.86	19.96	21.06	22.16	23.26	25.56	27.56	29.56	31.56	33.46	35.46	37.46	39.46
200	32.88	35.58	37.68	39.88	42.08	44.38	46.68	51.08	55.18	59.18	63.08	67.08	70.98	74.88	78.88
300	44.78	48.38	51.28	54.18	57.08	60.08	63.08	68.98	74.78	80.78	86.88	93.08	99.28	105.68	112.18
400	55.37	59.77	63.27	66.77	70.27	73.87	77.47	84.47	91.57	98.67	105.87	113.17	120.67	128.17	135.77
500	64.98	70.08	74.08	78.08	82.18	86.28	90.38	98.48	106.38	114.48	122.68	130.88	139.18	147.58	156.08
600	73.86	79.56	83.96	88.46	92.96	97.56	102.16	110.96	119.76	128.56	137.46	146.46	155.46	164.56	173.76
700	82.07	88.27	93.07	97.97	102.87	107.87	112.77	122.37	131.77	141.27	150.77	160.27	169.87	179.37	188.97
800	89.68	96.38	101.58	106.78	111.98	117.28	122.58	132.68	142.68	152.58	162.58	172.48	182.38	192.28	202.08
950	100.07	107.47	113.07	118.67	124.37	129.97	135.67	146.47	156.97	167.37	177.67	187.97	198.07	208.17	217.97
1000	103.38	110.88	116.68	122.38	128.18	133.88	139.68	150.58	161.18	171.78	182.18	192.48	202.58	212.58	222.38
1200	115.28	123.48	129.58	135.68	141.78	147.88	153.88	165.18	176.08	186.58	196.98	206.98	216.68	226.08	235.18
1450	128.08	136.78	143.18	149.48	155.78	161.88	167.98	179.18	189.68	199.68	209.08	217.98	226.28	233.98	241.08
1600	134.67	143.57	149.97	156.37	162.57	168.67	174.67	185.47	195.37	204.57	213.07	220.87	227.87	233.97	239.17
1800	142.28	151.38	157.68	163.88	169.88	175.78	181.48	191.38	200.08	207.88	214.68	220.28	224.88	228.18	230.28
2000	148.58	157.68	163.78	169.68	175.38	180.78	185.88	194.58	201.58	207.38	211.78	214.68	216.08	215.78	213.88
2200	153.67	162.67	168.37	173.77	178.87	183.57	188.07	194.87	199.77	202.97	204.37	203.77	201.27	196.47	
2400	157.58	166.18	171.38	176.08	180.48	184.38	187.88	192.48	194.68	194.68	192.38	187.58			
2600	160.27	168.37	172.77	176.67	180.07	182.97	185.27	187.17	186.07	182.27	178.47				
2850	161.86	169.06	172.36	174.96	176.96	178.16	178.66	177.76	179.06	177.46					
3000	161.88	168.48	170.88	172.68	173.58	174.58	176.68	178.98	178.18						
3500	168.30	172.20	175.40	177.60	178.80	179.00	178.20								
4000	176.68	178.48	179.08	178.18											

Power rating- (W)

PIX-X'act®-STD S2M Section Belt with 4mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	14	15	16	18	20	22	24	26	28	30	32	36	40	44	50	60
870	11	12	14	16	19	21	23	26	28	30	33	37	41	46	52	62
1160	13	15	17	20	23	26	29	32	35	38	41	46	52	57	65	77
1750	17	20	22	26	31	35	39	43	47	51	55	63	70	77	88	105
3500	26	30	34	41	49	56	63	70	77	83	90	102	114	126	143	169
50	1	1	1	2	2	2	2	2	3	3	3	3	4	4	5	6
100	2	2	2	3	3	4	4	4	5	5	6	6	7	8	9	11
150	3	3	3	4	5	5	6	6	7	7	8	9	10	11	12	15
200	4	4	4	5	6	7	7	8	9	9	10	11	13	14	16	19
250	4	5	5	6	7	8	9	10	10	11	12	14	15	17	19	23
300	5	5	6	7	8	9	10	11	12	13	14	16	18	19	22	26
350	6	6	7	8	9	10	11	13	14	15	16	18	20	22	25	30
400	6	7	8	9	10	11	13	14	15	16	18	20	22	25	28	33
450	7	8	8	10	11	13	14	15	17	18	19	22	25	27	31	37
500	7	8	9	11	12	14	15	17	18	20	21	24	27	29	33	40
550	8	9	10	11	13	15	16	18	20	21	23	26	29	32	36	43
600	8	9	10	12	14	16	18	19	21	23	24	28	31	34	39	46
650	9	10	11	13	15	17	19	21	22	24	26	29	33	36	41	49
700	9	10	12	14	16	18	20	22	24	26	28	31	35	38	44	52
800	10	12	13	15	17	20	22	24	26	28	31	35	39	43	49	58
900	11	13	14	16	19	22	24	26	29	31	33	38	42	47	53	63
1000	12	14	15	18	21	23	26	29	31	34	36	41	46	51	58	69
1100	13	14	16	19	22	25	28	31	34	36	39	44	50	55	62	74
1200	14	15	17	20	24	27	30	33	36	39	42	47	53	58	66	79
1300	14	16	18	22	25	28	32	35	38	41	44	50	56	62	70	84
1400	15	17	19	23	26	30	33	37	40	44	47	53	59	66	74	89
1500	16	18	20	24	28	31	35	39	42	46	49	56	63	69	78	93
1600	16	19	21	25	29	33	37	41	44	48	52	59	66	72	82	98
1700	17	19	22	26	30	34	38	42	46	50	54	61	69	76	86	102
1800	18	20	22	27	31	36	40	44	48	52	56	64	72	79	90	107
1900	18	21	23	28	33	37	42	46	50	54	59	67	75	82	93	111
2000	19	22	24	29	34	39	43	48	52	57	61	69	77	85	97	115
2200	20	23	26	31	36	41	46	51	56	60	65	74	83	91	104	123
2400	21	24	27	33	38	44	49	54	59	64	69	79	88	97	110	131
2600	22	25	28	34	40	46	52	57	63	68	73	83	93	103	117	139
2800	23	26	30	36	42	48	54	60	66	72	77	88	98	108	123	146
3000	24	27	31	38	44	51	57	63	69	75	81	92	103	113	129	153
3200	25	28	32	39	46	53	59	66	72	78	84	96	108	119	134	160
3400	26	29	33	41	48	55	62	69	75	82	88	100	112	124	140	166
3600	26	30	34	42	50	57	64	71	78	85	91	104	116	128	145	172
3800	27	31	35	43	51	59	66	74	81	88	95	108	121	133	151	178
4000	28	32	36	45	53	61	69	76	83	91	98	111	125	137	156	184
4500	29	34	39	48	57	65	74	82	90	98	105	120	134	148	168	198
5000	30	36	41	50	60	69	78	87	96	104	112	128	143	158	179	211
5500	31	37	42	53	63	73	83	92	101	110	119	136	152	167	189	222
6000	32	38	44	55	66	77	87	97	107	116	125	143	160	176	198	232
6500	33	39	45	57	69	80	91	101	111	121	131	149	167	184	207	242
7000	34	40	47	59	71	83	94	105	116	126	136	156	174	191	215	250
7500	34	41	48	61	74	86	98	109	120	131	141	161	180	197	222	257
8000	34	42	49	62	76	88	101	113	124	135	146	166	186	204	228	263
9000	35	43	50	65	79	93	106	119	131	143	154	176	196	214	239	273

Power rating- (W)
PIX-X'act®-STD S2M Section Belt with 6mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	14	15	16	18	20	22	24	26	28	30	32	36	40	44	50	60
870	17.49	19.08	22.26	25.44	30.21	33.39	36.57	41.34	44.52	47.70	52.47	58.83	65.19	73.14	82.68	98.58
1160	20.67	23.85	27.03	31.80	36.57	41.34	46.11	50.88	55.65	60.42	65.19	73.14	82.68	90.63	103.35	122.43
1750	27.03	31.80	34.98	41.34	49.29	55.65	62.01	68.37	74.73	81.09	87.45	100.17	111.30	122.43	139.92	166.95
3500	41.34	47.70	54.06	65.19	77.91	89.04	100.17	111.30	122.43	131.97	143.10	162.18	181.26	200.34	227.37	268.71
50	1.59	1.59	1.59	3.18	3.18	3.18	3.18	3.18	4.77	4.77	4.77	4.77	6.36	6.36	7.95	9.54
100	3.18	3.18	3.18	4.77	4.77	6.36	6.36	6.36	7.95	7.95	9.54	9.54	11.13	12.72	14.31	17.49
150	4.77	4.77	4.77	6.36	7.95	7.95	9.54	9.54	11.13	11.13	12.72	14.31	15.90	17.49	19.08	23.85
200	6.36	6.36	6.36	7.95	9.54	11.13	11.13	12.72	14.31	14.31	15.90	17.49	19.08	20.67	22.26	30.21
250	6.36	7.95	7.95	9.54	11.13	12.72	14.31	15.90	15.90	17.49	19.08	22.26	23.85	27.03	30.21	36.57
300	7.95	7.95	9.54	11.13	12.72	14.31	15.90	17.49	19.08	20.67	22.26	25.44	28.62	30.21	34.98	41.34
350	9.54	9.54	11.13	12.72	14.31	15.90	17.49	20.67	22.26	23.85	25.44	28.62	31.80	34.98	39.75	47.70
400	9.54	11.13	12.72	14.31	15.90	17.49	20.67	22.26	23.85	25.44	28.62	31.80	34.98	39.75	44.52	52.47
450	11.13	12.72	12.72	15.90	17.49	20.67	22.26	23.85	27.03	28.62	30.21	34.98	39.75	42.93	49.29	58.83
500	11.13	12.72	14.31	17.49	19.08	22.26	23.85	27.03	28.62	31.80	33.39	38.16	42.93	46.11	52.47	63.60
550	12.72	14.31	15.90	17.49	20.67	23.85	25.44	28.62	31.80	33.39	36.57	41.34	46.11	50.88	57.24	68.37
600	12.72	14.31	15.90	19.08	22.26	25.44	28.62	30.21	33.39	36.57	38.16	44.52	49.29	54.06	62.01	73.14
650	14.31	15.90	17.49	20.67	23.85	27.03	30.21	33.39	34.98	38.16	41.34	46.11	52.47	57.24	65.19	77.91
700	14.31	15.90	19.08	22.26	25.44	28.62	31.80	34.98	38.16	41.34	44.52	49.29	55.65	60.42	69.96	82.68
800	15.90	19.08	20.67	23.85	27.03	31.80	34.98	38.16	41.34	44.52	49.29	55.65	62.01	68.37	77.91	92.22
900	17.49	20.67	22.26	25.44	30.21	34.98	38.16	41.34	46.11	49.29	52.47	60.42	66.78	74.73	84.27	100.17
1000	19.08	22.26	23.85	28.62	33.39	36.57	41.34	46.11	49.29	54.06	57.24	65.19	73.14	81.09	92.22	109.71
1100	20.67	22.26	25.44	30.21	34.98	39.75	44.52	49.29	54.06	57.24	62.01	69.96	79.50	87.45	98.58	117.66
1200	22.26	23.85	27.03	31.80	38.16	42.93	47.70	52.47	57.24	62.01	66.78	74.73	84.27	92.22	104.94	125.61
1300	22.26	25.44	28.62	34.98	39.75	44.52	50.88	55.65	60.42	65.19	69.96	79.50	89.04	98.58	111.30	133.56
1400	23.85	27.03	30.21	36.57	41.34	47.70	52.47	58.83	63.60	69.96	74.73	84.27	93.81	104.94	117.66	141.51
1500	25.44	28.62	31.80	38.16	44.52	49.29	55.65	62.01	66.78	73.14	77.91	89.04	100.17	109.71	124.02	147.87
1600	25.44	30.21	33.39	39.75	46.11	52.47	58.83	65.19	69.96	76.32	82.68	93.81	104.94	114.48	130.38	155.82
1700	27.03	30.21	34.98	41.34	47.70	54.06	60.42	66.78	73.14	79.50	85.86	96.99	109.71	120.84	136.74	162.18
1800	28.62	31.80	34.98	42.93	49.29	57.24	63.60	69.96	76.32	82.68	89.04	101.76	114.48	125.61	143.10	170.13
1900	28.62	33.39	36.57	44.52	52.47	58.83	66.78	73.14	79.50	85.86	93.81	106.53	119.25	130.38	147.87	176.49
2000	30.21	34.98	38.16	46.11	54.06	62.01	68.37	76.32	82.68	90.63	96.99	109.71	122.43	135.15	154.23	182.85
2200	31.80	36.57	41.34	49.29	57.24	65.19	73.14	81.09	89.04	95.40	103.35	117.66	131.97	144.69	165.36	195.57
2400	33.39	38.16	42.93	52.47	60.42	69.96	77.91	85.86	93.81	101.76	109.71	125.61	139.92	154.23	174.90	208.29
2600	34.98	39.75	44.52	54.06	63.60	73.14	82.68	90.63	100.17	108.12	116.07	131.97	147.87	163.77	186.03	221.01
2800	36.57	41.34	47.70	57.24	66.78	76.32	85.86	95.40	104.94	114.48	122.43	139.92	155.82	171.72	195.57	232.14
3000	38.16	42.93	49.29	60.42	69.96	81.09	90.63	100.17	109.71	119.25	128.79	146.28	163.77	179.67	205.11	243.27
3200	39.75	44.52	50.88	62.01	73.14	84.27	93.81	104.94	114.48	124.02	133.56	152.64	171.72	189.21	213.06	254.40
3400	41.34	46.11	52.47	65.19	76.32	87.45	98.58	109.71	119.25	130.38	139.92	159.00	178.08	197.16	222.60	263.94
3600	41.34	47.70	54.06	66.78	79.50	90.63	101.76	112.89	124.02	135.15	144.69	165.36	184.44	203.52	230.55	273.48
3800	42.93	49.29	55.65	68.37	81.09	93.81	104.94	117.66	128.79	139.92	151.05	171.72	192.39	211.47	240.09	283.02
4000	44.52	50.88	57.24	71.55	84.27	96.99	109.71	120.84	131.97	144.69	155.82	176.49	198.75	217.83	248.04	292.56
4500	46.11	54.06	62.01	76.32	90.63	103.35	117.66	130.38	143.10	155.82	166.95	190.80	213.06	235.32	267.12	314.82
5000	47.70	57.24	65.19	79.50	95.40	109.71	124.02	138.33	152.64	165.36	178.08	203.52	227.37	251.22	284.61	335.49
5500	49.29	58.83	66.78	84.27	100.17	116.07	131.97	146.28	160.59	174.90	189.21	216.24	241.68	265.53	300.51	352.98
6000	50.88	60.42	69.96	87.45	104.94	122.43	138.33	154.23	170.13	184.44	198.75	227.37	254.40	279.84	314.82	368.88
6500	52.47	62.01	71.55	90.63	109.71	127.20	144.69	160.59	176.49	192.39	208.29	236.91	265.53	292.56	329.13	384.78
7000	54.06	63.60	74.73	93.81	112.89	131.97	149.46	166.95	184.44	200.34	216.24	248.04	276.66	303.69	341.85	397.50
7500	54.06	65.19	76.32	96.99	117.66	136.74	155.82	173.31	190.80	208.29	224.19	255.99	286.20	313.23	352.98	408.63
8000	54.06	66.78	77.91	98.58	120.84	139.92	160.59	179.67	197.16	214.65	232.14	263.94	295.74	324.36	362.52	418.17
9000	55.65	68.37	79.50	103.35	125.61	147.87	168.54	189.21	208.29	227.37	244.86	279.84	311.64	340.26	380.01	434.07

Power rating- (W) PIX-X'act®-STD S2M Section Belt with 10mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	14	15	16	18	20	22	24	26	28	30	32	36	40	44	50	60
870	49.67	54.19	63.22	72.25	85.80	94.83	103.86	117.41	126.44	135.47	149.01	167.08	185.14	207.72	234.81	279.97
1160	58.70	67.73	76.77	90.31	103.86	117.41	130.95	144.50	158.05	171.59	185.14	207.72	234.81	257.39	293.51	347.70
1750	76.77	90.31	99.34	117.41	139.98	158.05	176.11	194.17	212.23	230.30	248.36	284.48	316.09	347.70	397.37	474.14
3500	117.41	135.47	153.53	185.14	221.26	252.87	284.48	316.09	347.70	374.79	406.40	460.59	514.78	568.97	645.73	763.14
50	4.52	4.52	4.52	9.03	9.03	9.03	9.03	9.03	13.55	13.55	13.55	13.55	18.06	18.06	22.58	27.09
100	9.03	9.03	9.03	13.55	13.55	18.06	18.06	18.06	22.58	22.58	27.09	27.09	31.61	36.12	40.64	49.67
150	13.55	13.55	13.55	18.06	22.58	22.58	27.09	27.09	31.61	31.61	36.12	40.64	45.16	49.67	54.19	67.73
200	18.06	18.06	18.06	22.58	27.09	31.61	31.61	36.12	40.64	40.64	45.16	49.67	58.70	63.22	72.25	85.80
250	18.06	22.58	22.58	27.09	31.61	36.12	40.64	45.16	45.16	49.67	54.19	63.22	67.73	76.77	85.80	103.86
300	22.58	22.58	27.09	31.61	36.12	40.64	45.16	49.67	54.19	58.70	63.22	72.25	81.28	85.80	99.34	117.41
350	27.09	27.09	31.61	36.12	40.64	45.16	49.67	58.70	63.22	67.73	72.25	81.28	90.31	99.34	112.89	135.47
400	27.09	31.61	36.12	40.64	45.16	49.67	58.70	63.22	67.73	72.25	81.28	90.31	99.34	112.89	126.44	149.01
450	31.61	36.12	36.12	45.16	49.67	58.70	63.22	67.73	76.77	81.28	85.80	99.34	112.89	121.92	139.98	167.08
500	31.61	36.12	40.64	49.67	54.19	63.22	67.73	76.77	81.28	90.31	94.83	108.37	121.92	130.95	149.01	180.62
550	36.12	40.64	45.16	49.67	58.70	67.73	72.25	81.28	90.31	94.83	103.86	117.41	130.95	144.50	162.56	194.17
600	36.12	40.64	45.16	54.19	63.22	72.25	81.28	85.80	94.83	103.86	108.37	126.44	139.98	153.53	176.11	207.72
650	40.64	45.16	49.67	58.70	67.73	76.77	85.80	94.83	99.34	108.37	117.41	130.95	149.01	162.56	185.14	221.26
700	40.64	45.16	54.19	63.22	72.25	81.28	90.31	99.34	108.37	117.41	126.44	139.98	158.05	171.59	198.69	234.81
800	45.16	54.19	58.70	67.73	76.77	90.31	99.34	108.37	117.41	126.44	139.98	158.05	176.11	194.17	221.26	261.90
900	49.67	58.70	63.22	72.25	85.80	99.34	108.37	117.41	130.95	139.98	149.01	171.59	189.66	212.23	239.33	284.48
1000	54.19	63.22	67.73	81.28	94.83	103.86	117.41	130.95	139.98	153.53	162.56	185.14	207.72	230.30	261.90	311.58
1100	58.70	63.22	72.25	85.80	99.34	112.89	126.44	139.98	153.53	162.56	176.11	198.69	225.78	248.36	279.97	334.15
1200	63.22	67.73	76.77	90.31	108.37	121.92	135.47	149.01	162.56	176.11	189.66	212.23	239.33	261.90	298.03	356.73
1300	63.22	72.25	81.28	99.34	112.89	126.44	144.50	158.05	171.59	185.14	198.69	225.78	252.87	279.97	316.09	379.31
1400	67.73	76.77	85.80	103.86	117.41	135.47	149.01	167.08	180.62	198.69	212.23	239.33	266.42	298.03	334.15	401.89
1500	72.25	81.28	90.31	108.37	126.44	139.98	158.05	176.11	189.66	207.72	221.26	252.87	284.48	311.58	352.22	419.95
1600	72.25	85.80	94.83	112.89	130.95	149.01	167.08	185.14	198.69	216.75	234.81	266.42	298.03	325.12	370.28	442.53
1700	76.77	85.80	99.34	117.41	135.47	153.53	171.59	189.66	207.72	225.78	243.84	275.45	311.58	343.19	388.34	460.59
1800	81.28	90.31	99.34	121.92	139.98	162.56	180.62	198.69	216.75	234.81	252.87	289.00	325.12	356.73	406.40	483.17
1900	81.28	94.83	103.86	126.44	149.01	167.08	189.66	207.72	225.78	243.84	266.42	302.55	338.67	370.28	419.95	501.23
2000	85.80	99.34	108.37	130.95	153.53	176.11	194.17	216.75	234.81	257.39	275.45	311.58	347.70	383.83	438.01	519.29
2200	90.31	103.86	117.41	139.98	162.56	185.14	207.72	230.30	252.87	270.94	293.51	334.15	374.79	410.92	469.62	555.42
2400	94.83	108.37	121.92	149.01	171.59	198.69	221.26	243.84	266.42	289.00	311.58	356.73	397.37	438.01	496.72	591.54
2600	99.34	112.89	126.44	153.53	180.62	207.72	234.81	257.39	284.48	307.06	329.64	374.79	419.95	465.11	528.33	627.67
2800	103.86	117.41	135.47	162.56	189.66	216.75	243.84	270.94	298.03	325.12	347.70	397.37	442.53	487.68	555.42	659.28
3000	108.37	121.92	139.98	171.59	198.69	230.30	257.39	284.48	311.58	338.67	365.76	415.44	465.11	510.26	582.51	690.89
3200	112.89	126.44	144.50	176.11	207.72	239.33	266.42	298.03	325.12	352.22	379.31	433.50	487.68	537.36	605.09	722.50
3400	117.41	130.95	149.01	185.14	216.75	248.36	279.97	311.58	338.67	370.28	397.37	451.56	505.75	559.93	632.18	749.59
3600	117.41	135.47	153.53	189.66	225.78	257.39	289.00	320.61	352.22	383.83	410.92	469.62	523.81	578.00	654.76	776.68
3800	121.92	139.98	158.05	194.17	230.30	266.42	298.03	334.15	365.76	397.37	428.98	487.68	546.39	600.57	681.86	803.78
4000	126.44	144.50	162.56	203.20	239.33	275.45	311.58	343.19	374.79	410.92	442.53	501.23	564.45	618.64	704.43	830.87
4500	130.95	153.53	176.11	216.75	257.39	293.51	334.15	370.28	406.40	442.53	474.14	541.87	605.09	668.31	758.62	894.09
5000	135.47	162.56	185.14	225.78	270.94	311.58	352.22	392.86	433.50	469.62	505.75	578.00	645.73	713.46	808.29	952.79
5500	139.98	167.08	189.66	239.33	284.48	329.64	374.79	415.44	456.08	496.72	537.36	614.12	686.37	754.11	853.45	1002.46
6000	144.50	171.59	198.69	248.36	298.03	347.70	392.86	438.01	483.17	523.81	564.45	645.73	722.50	794.75	894.09	1047.62
6500	149.01	176.11	203.20	257.39	311.58	361.25	410.92	456.08	501.23	546.39	591.54	672.82	754.11	830.87	934.73	1092.78
7000	153.53	180.62	212.23	266.42	320.61	374.79	424.47	474.14	523.81	568.97	614.12	704.43	785.71	862.48	970.85	1128.90
7500	153.53	185.14	216.75	275.45	334.15	388.34	442.53	492.20	541.87	591.54	636.70	727.01	812.81	889.57	1002.46	1160.51
8000	153.53	189.66	221.26	279.97	343.19	397.37	456.08	510.26	559.93	609.61	659.28	749.59	839.90	921.18	1029.56	1187.60
9000	158.05	194.17	225.78	293.51	356.73	419.95	478.65	537.36	591.54	645.73	695.40	794.75	885.06	966.34	1079.23	1232.76

Power rating- (W) PIX-X'act®-STD S3M Section Belt with 6mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	14	15	16	18	20	22	24	26	28	30	32	36	40	44	50	60
870	53.0	58.0	62.0	70.0	79.0	87.0	95.0	103.0	110.0	118.0	125.0	140.0	155.0	169.0	189.0	222.0
1160	67.0	72.0	78.0	89.0	99.0	109.0	119.0	129.0	139.0	148.0	158.0	176.0	194.0	213.0	237.0	279.0
1750	92.0	100.0	107.0	122.0	137.0	151.0	165.0	178.0	192.0	205.0	218.0	243.0	268.0	293.0	325.0	381.0
3500	154.0	167.0	180.0	206.0	230.0	254.0	277.0	300.0	322.0	344.0	365.0	407.0	446.0	486.0	537.0	624.0
50	5.0	5.0	6.0	6.0	7.0	8.0	8.0	9.0	10.0	11.0	11.0	13.0	14.0	15.0	17.0	20.0
100	9.0	9.0	10.0	12.0	13.0	14.0	15.0	17.0	18.0	19.0	21.0	23.0	25.0	28.0	31.0	37.0
150	12.0	13.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	27.0	29.0	33.0	36.0	39.0	44.0	52.0
200	16.0	17.0	18.0	21.0	23.0	26.0	28.0	30.0	33.0	35.0	37.0	42.0	46.0	50.0	56.0	67.0
250	19.0	21.0	22.0	25.0	28.0	31.0	34.0	37.0	39.0	42.0	45.0	50.0	55.0	61.0	68.0	80.0
300	22.0	24.0	26.0	29.0	33.0	36.0	39.0	43.0	46.0	49.0	52.0	58.0	65.0	71.0	79.0	94.0
350	25.0	27.0	29.0	33.0	37.0	41.0	45.0	49.0	52.0	56.0	59.0	66.0	73.0	81.0	90.0	106.0
400	28.0	31.0	33.0	37.0	42.0	46.0	50.0	54.0	58.0	62.0	66.0	74.0	82.0	90.0	100.0	119.0
450	31.0	34.0	36.0	41.0	46.0	51.0	55.0	60.0	64.0	69.0	73.0	82.0	90.0	99.0	111.0	131.0
500	34.0	37.0	39.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	89.0	99.0	108.0	121.0	143.0
550	37.0	40.0	43.0	48.0	54.0	60.0	65.0	71.0	76.0	81.0	86.0	97.0	107.0	117.0	130.0	154.0
600	39.0	43.0	46.0	52.0	58.0	64.0	70.0	76.0	82.0	87.0	93.0	104.0	114.0	125.0	140.0	165.0
650	42.0	46.0	49.0	56.0	62.0	68.0	75.0	81.0	87.0	93.0	99.0	111.0	122.0	134.0	149.0	176.0
700	45.0	48.0	52.0	59.0	66.0	73.0	79.0	86.0	92.0	99.0	105.0	118.0	130.0	142.0	159.0	187.0
800	50.0	54.0	58.0	66.0	73.0	81.0	89.0	96.0	103.0	110.0	117.0	131.0	145.0	158.0	176.0	208.0
900	55.0	59.0	64.0	72.0	81.0	89.0	97.0	105.0	113.0	121.0	129.0	144.0	159.0	174.0	194.0	228.0
1000	60.0	64.0	69.0	79.0	88.0	97.0	106.0	115.0	123.0	132.0	140.0	157.0	173.0	189.0	211.0	248.0
1100	64.0	69.0	75.0	85.0	95.0	105.0	114.0	124.0	133.0	142.0	151.0	169.0	186.0	204.0	227.0	267.0
1200	69.0	74.0	80.0	91.0	102.0	112.0	122.0	133.0	143.0	152.0	162.0	181.0	200.0	218.0	243.0	286.0
1300	73.0	79.0	85.0	97.0	108.0	119.0	130.0	141.0	152.0	162.0	173.0	193.0	213.0	233.0	259.0	304.0
1400	78.0	84.0	90.0	103.0	115.0	127.0	138.0	150.0	161.0	172.0	183.0	204.0	225.0	246.0	274.0	322.0
1500	82.0	89.0	95.0	108.0	121.0	134.0	146.0	158.0	170.0	182.0	193.0	216.0	238.0	260.0	289.0	340.0
1600	86.0	93.0	100.0	114.0	127.0	141.0	154.0	166.0	179.0	191.0	203.0	227.0	250.0	273.0	304.0	357.0
1700	90.0	98.0	105.0	119.0	134.0	147.0	161.0	174.0	187.0	200.0	213.0	238.0	262.0	286.0	318.0	373.0
1800	94.0	102.0	110.0	125.0	140.0	154.0	168.0	182.0	196.0	209.0	222.0	248.0	273.0	299.0	332.0	390.0
1900	98.0	106.0	114.0	130.0	146.0	161.0	175.0	190.0	204.0	218.0	232.0	259.0	285.0	311.0	346.0	406.0
2000	102.0	110.0	119.0	135.0	151.0	167.0	182.0	198.0	212.0	227.0	241.0	269.0	296.0	324.0	359.0	421.0
2200	110.0	119.0	128.0	146.0	163.0	180.0	196.0	212.0	228.0	244.0	259.0	289.0	318.0	348.0	386.0	452.0
2400	117.0	127.0	136.0	155.0	174.0	192.0	210.0	227.0	244.0	261.0	277.0	309.0	340.0	371.0	411.0	481.0
2600	124.0	135.0	145.0	165.0	185.0	204.0	223.0	241.0	259.0	277.0	294.0	328.0	360.0	393.0	436.0	509.0
2800	131.0	142.0	153.0	174.0	195.0	216.0	235.0	255.0	274.0	292.0	311.0	346.0	380.0	415.0	460.0	536.0
3000	138.0	150.0	161.0	184.0	205.0	227.0	248.0	268.0	288.0	308.0	327.0	364.0	400.0	436.0	483.0	562.0
3200	145.0	157.0	169.0	193.0	216.0	238.0	260.0	281.0	302.0	322.0	342.0	381.0	419.0	457.0	505.0	588.0
3400	151.0	164.0	177.0	201.0	225.0	249.0	272.0	294.0	316.0	337.0	358.0	398.0	437.0	477.0	527.0	612.0
3600	157.0	171.0	184.0	210.0	235.0	259.0	283.0	306.0	329.0	351.0	373.0	415.0	455.0	496.0	548.0	635.0
3800	164.0	177.0	191.0	218.0	244.0	270.0	294.0	318.0	342.0	365.0	387.0	431.0	473.0	515.0	568.0	658.0
4000	170.0	184.0	198.0	226.0	253.0	280.0	305.0	330.0	355.0	378.0	402.0	447.0	490.0	533.0	588.0	679.0
4500	184.0	200.0	216.0	246.0	275.0	304.0	332.0	359.0	385.0	411.0	436.0	484.0	530.0	576.0	634.0	729.0
5000	198.0	215.0	232.0	265.0	297.0	327.0	357.0	386.0	414.0	442.0	468.0	520.0	568.0	616.0	677.0	774.0
5500	211.0	230.0	248.0	283.0	317.0	349.0	381.0	412.0	442.0	471.0	499.0	553.0	603.0	653.0	715.0	813.0
6000	224.0	243.0	263.0	300.0	336.0	370.0	404.0	436.0	468.0	498.0	528.0	584.0	636.0	688.0	751.0	848.0
6500	236.0	256.0	277.0	316.0	354.0	390.0	426.0	460.0	492.0	524.0	555.0	613.0	667.0	719.0	782.0	876.0
7000	247.0	269.0	291.0	332.0	371.0	410.0	446.0	482.0	516.0	549.0	580.0	640.0	695.0	747.0	810.0	900.0
7500	259.0	281.0	304.0	347.0	388.0	428.0	466.0	503.0	538.0	572.0	604.0	665.0	721.0	773.0	834.0	917.0
8000	269.0	293.0	316.0	361.0	404.0	445.0	485.0	523.0	559.0	594.0	627.0	688.0	744.0	796.0	854.0	929.0
9000	289.0	315.0	340.0	388.0	434.0	478.0	520.0	559.0	597.0	633.0	667.0	729.0	784.0	832.0	884.0	935.0

Power rating- (W) PIX-X'act[®]-STD S3M Section Belt with 10mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	14	15	16	18	20	22	24	26	28	30	32	36	40	44	50	60
870	94.87	103.82	110.98	125.30	141.41	155.73	170.05	184.37	196.90	211.22	223.75	250.60	277.45	302.51	338.31	397.38
1160	119.93	128.88	139.62	159.31	177.21	195.11	213.01	230.91	248.81	264.92	282.82	315.04	347.26	381.27	424.23	499.41
1750	164.68	179.00	191.53	218.38	245.23	270.29	295.35	318.62	343.68	366.95	390.22	434.97	479.72	524.47	581.75	681.99
3500	275.66	298.93	322.20	368.74	411.70	454.66	495.83	537.00	576.38	615.76	653.35	728.53	798.34	869.94	961.23	1116.96
50	8.95	8.95	10.74	10.74	12.53	14.32	14.32	16.11	17.90	19.69	19.69	23.27	25.06	26.85	30.43	35.80
100	16.11	16.11	17.90	21.48	23.27	25.06	26.85	30.43	32.22	34.01	37.59	41.17	44.75	50.12	55.49	66.23
150	21.48	23.27	25.06	28.64	32.22	35.80	39.38	42.96	46.54	48.33	51.91	59.07	64.44	69.81	78.76	93.08
200	28.64	30.43	32.22	37.59	41.17	46.54	50.12	53.70	59.07	62.65	66.23	75.18	82.34	89.50	100.24	119.93
250	34.01	37.59	39.38	44.75	50.12	55.49	60.86	66.23	69.81	75.18	80.55	89.50	98.45	109.19	121.72	143.20
300	39.38	42.96	46.54	51.91	59.07	64.44	69.81	76.97	82.34	87.71	93.08	103.82	116.35	127.09	141.41	168.26
350	44.75	48.33	51.91	59.07	66.23	73.39	80.55	87.71	93.08	100.24	105.61	118.14	130.67	144.99	161.10	189.74
400	50.12	55.49	59.07	66.23	75.18	82.34	89.50	96.66	103.82	110.98	118.14	132.46	146.78	161.10	179.00	213.01
450	55.49	60.86	64.44	73.39	82.34	91.29	98.45	107.40	114.56	123.51	130.67	146.78	161.10	177.21	198.69	234.49
500	60.86	66.23	69.81	80.55	89.50	98.45	107.40	116.35	125.30	134.25	143.20	159.31	177.21	193.32	216.59	255.97
550	66.23	71.60	76.97	85.92	96.66	107.40	116.35	127.09	136.04	144.99	153.94	173.63	191.53	209.43	232.70	275.66
600	69.81	76.97	82.34	93.08	103.82	114.56	125.30	136.04	146.78	155.73	166.47	186.16	204.06	223.75	250.60	295.35
650	75.18	82.34	87.71	100.24	110.98	121.72	134.25	144.99	155.73	166.47	177.21	198.69	218.38	239.86	266.71	315.04
700	80.55	85.92	93.08	105.61	118.14	130.67	141.41	153.94	164.68	177.21	187.95	211.22	232.70	254.18	284.61	334.73
800	89.50	96.66	103.82	118.14	130.67	144.99	159.31	171.84	184.37	196.90	209.43	234.49	259.55	282.82	315.04	372.32
900	98.45	105.61	114.56	128.88	144.99	159.31	173.63	187.95	202.27	216.59	230.91	257.76	284.61	311.46	347.26	408.12
1000	107.40	114.56	123.51	141.41	157.52	173.63	189.74	205.85	220.17	236.28	250.60	281.03	309.67	338.31	377.69	443.92
1100	114.56	123.51	134.25	152.15	170.05	187.95	204.06	221.96	238.07	254.18	270.29	302.51	332.94	365.16	406.33	477.93
1200	123.51	132.46	143.20	162.89	182.58	200.48	218.38	238.07	255.97	272.08	289.98	323.99	358.00	390.22	434.97	511.94
1300	130.67	141.41	152.15	173.63	193.32	213.01	232.70	252.39	272.08	289.98	309.67	345.47	381.27	417.07	463.61	544.16
1400	139.62	150.36	161.10	184.37	205.85	227.33	247.02	268.50	288.19	307.88	327.57	365.16	402.75	440.34	490.46	576.38
1500	146.78	159.31	170.05	193.32	216.59	239.86	261.34	282.82	304.30	325.78	345.47	386.64	426.02	465.40	517.31	608.60
1600	153.94	166.47	179.00	204.06	227.33	252.39	275.66	297.14	320.41	341.89	363.37	406.33	447.50	488.67	544.16	639.03
1700	161.10	175.42	187.95	213.01	239.86	263.13	288.19	311.46	334.73	358.00	381.27	426.02	468.98	511.94	569.22	667.67
1800	168.26	182.58	196.90	223.75	250.60	275.66	300.72	325.78	350.84	374.11	397.38	443.92	488.67	535.21	594.28	698.10
1900	175.42	189.74	204.06	232.70	261.34	288.19	313.25	340.10	365.16	390.22	415.28	463.61	510.15	556.69	619.34	726.74
2000	182.58	196.90	213.01	241.65	270.29	298.93	325.78	354.42	379.48	406.33	431.39	481.51	529.84	579.96	642.61	753.59
2200	196.90	213.01	229.12	261.34	291.77	322.20	350.84	379.48	408.12	436.76	463.61	517.31	569.22	622.92	690.94	809.08
2400	209.43	227.33	243.44	277.45	311.46	343.68	375.90	406.33	436.76	467.19	495.83	553.11	608.60	664.09	735.69	860.99
2600	221.96	241.65	259.55	295.35	331.15	365.16	399.17	431.39	463.61	495.83	526.26	587.12	644.40	703.47	780.44	911.11
2800	234.49	254.18	273.87	311.46	349.05	386.64	420.65	456.45	490.46	522.68	556.69	619.34	680.20	742.85	823.40	959.44
3000	247.02	268.50	288.19	329.36	366.95	406.33	443.92	479.72	515.52	551.32	585.33	651.56	716.00	780.44	864.57	1005.98
3200	259.55	281.03	302.51	345.47	386.64	426.02	465.40	502.99	540.58	576.38	612.18	681.99	750.01	818.03	903.95	1052.52
3400	270.29	293.56	316.83	359.79	402.75	445.71	486.88	526.26	565.64	603.23	640.82	712.42	782.23	853.83	943.33	1095.48
3600	281.03	306.09	329.36	375.90	420.65	463.61	506.57	547.74	588.91	628.29	667.67	742.85	814.45	887.84	980.92	1136.65
3800	293.56	316.83	341.89	390.22	436.76	483.30	526.26	569.22	612.18	653.35	692.73	771.49	846.67	921.85	1016.72	1177.82
4000	304.30	329.36	354.42	404.54	452.87	501.20	545.95	590.70	635.45	676.62	719.58	800.13	877.10	954.07	1052.52	1215.41
4500	329.36	358.00	386.64	440.34	492.25	544.16	594.28	642.61	689.15	735.69	780.44	866.36	948.70	1031.04	1134.86	1304.91
5000	354.42	384.85	415.28	474.35	531.63	585.33	639.03	690.94	741.06	791.18	837.72	930.80	1016.72	1102.64	1211.83	1385.46
5500	377.69	411.70	443.92	506.57	567.43	624.71	681.99	737.48	791.18	843.09	893.21	989.87	1079.37	1168.87	1279.85	1455.27
6000	400.96	434.97	470.77	537.00	601.44	662.30	723.16	780.44	837.72	891.42	945.12	1045.36	1138.44	1231.52	1344.29	1517.92
6500	422.44	458.24	495.83	565.64	633.66	698.10	762.54	823.40	880.68	937.96	993.45	1097.27	1193.93	1287.01	1399.78	1568.04
7000	442.13	481.51	520.89	594.28	664.09	733.90	798.34	862.78	923.64	982.71	1038.20	1145.60	1244.05	1337.13	1449.90	1611.00
7500	463.61	502.99	544.16	621.13	694.52	766.12	834.14	900.37	963.02	1023.88	1081.16	1190.35	1290.59	1383.67	1492.86	1641.43
8000	481.51	524.47	565.64	646.19	723.16	796.55	868.15	936.17	1000.61	1063.26	1122.33	1231.52	1331.76	1424.84	1528.66	1662.91
9000	517.31	563.85	608.60	694.52	776.86	855.62	930.80	1000.61	1068.63	1133.07	1193.93	1304.91	1403.36	1489.28	1582.36	1673.65

Power rating- (W) PIX-X'act®-STD S3M Section Belt with 15mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley															
	14	15	16	18	20	22	24	26	28	30	32	36	40	44	50	60
870	150.52	164.72	176.08	198.80	224.36	247.08	269.80	292.52	312.40	335.12	355.00	397.60	440.20	479.96	536.76	630.48
1160	190.28	204.48	221.52	252.76	281.16	309.56	337.96	366.36	394.76	420.32	448.72	499.84	550.96	604.92	673.08	792.36
1750	261.28	284.00	303.88	346.48	389.08	428.84	468.60	505.52	545.28	582.20	619.12	690.12	761.12	832.12	923.00	1082.04
3500	437.36	474.28	511.20	585.04	653.20	721.36	786.68	852.00	914.48	976.96	1036.60	1155.88	1266.64	1380.24	1525.08	1772.16
50	14.20	14.20	17.04	17.04	19.88	22.72	22.72	25.56	28.40	31.24	31.24	36.92	39.76	42.60	48.28	56.80
100	25.56	25.56	28.40	34.08	36.92	39.76	42.60	48.28	51.12	53.96	59.64	65.32	71.00	79.52	88.04	105.08
150	34.08	36.92	39.76	45.44	51.12	56.80	62.48	68.16	73.84	76.68	82.36	93.72	102.24	110.76	124.96	147.68
200	45.44	48.28	51.12	59.64	65.32	73.84	79.52	85.20	93.72	99.40	105.08	119.28	130.64	142.00	159.04	190.28
250	53.96	59.64	62.48	71.00	79.52	88.04	96.56	105.08	110.76	119.28	127.80	142.00	156.20	173.24	193.12	227.20
300	62.48	68.16	73.84	82.36	93.72	102.24	110.76	122.12	130.64	139.16	147.68	164.72	184.60	201.64	224.36	266.96
350	71.00	76.68	82.36	93.72	105.08	116.44	127.80	139.16	147.68	159.04	167.56	187.44	207.32	230.04	255.60	301.04
400	79.52	88.04	93.72	105.08	119.28	130.64	142.00	153.36	164.72	176.08	187.44	210.16	232.88	255.60	284.00	337.96
450	88.04	96.56	102.24	116.44	130.64	144.84	156.20	170.40	181.76	195.96	207.32	232.88	255.60	281.16	315.24	372.04
500	96.56	105.08	110.76	127.80	142.00	156.20	170.40	184.60	198.80	213.00	227.20	252.76	281.16	306.72	343.64	406.12
550	105.08	113.60	122.12	136.32	153.36	170.40	184.60	201.64	215.84	230.04	244.24	275.48	303.88	332.28	369.20	437.36
600	110.76	122.12	130.64	147.68	164.72	181.76	198.80	215.84	232.88	247.08	264.12	295.36	323.76	355.00	397.60	468.60
650	119.28	130.64	139.16	159.04	176.08	193.12	213.00	230.04	247.08	264.12	281.16	315.24	346.48	380.56	423.16	499.84
700	127.80	136.32	147.68	167.56	187.44	207.32	224.36	244.24	261.28	281.16	298.20	335.12	369.20	403.28	451.56	531.08
800	142.00	153.36	164.72	187.44	207.32	230.04	252.76	272.64	292.52	312.40	332.28	372.04	411.80	448.72	499.84	590.72
900	156.20	167.56	181.76	204.48	230.04	252.76	275.48	298.20	320.92	343.64	366.36	408.96	451.56	494.16	550.96	647.52
1000	170.40	181.76	195.96	224.36	249.92	275.48	301.04	326.60	349.32	374.88	397.60	445.88	491.32	536.76	599.24	704.32
1100	181.76	195.96	213.00	241.40	269.80	298.20	323.76	352.16	377.72	403.28	428.84	479.96	528.24	579.36	644.68	758.28
1200	195.96	210.16	227.20	258.44	289.68	318.08	346.48	377.72	406.12	431.68	460.08	514.04	568.00	619.12	690.12	812.24
1300	207.32	224.36	241.40	275.48	306.72	337.96	369.20	400.44	431.68	460.08	491.32	548.12	604.92	661.72	735.56	863.36
1400	221.52	238.56	255.60	292.52	326.60	360.68	391.92	426.00	457.24	488.48	519.72	579.36	639.00	698.64	778.16	914.48
1500	232.88	252.76	269.80	306.72	343.64	380.56	414.64	448.72	482.80	516.88	548.12	613.44	675.92	738.40	820.76	965.60
1600	244.24	264.12	284.00	323.76	360.68	400.44	437.36	471.44	508.36	542.44	576.52	644.68	710.00	775.32	863.36	1013.88
1700	255.60	278.32	298.20	337.96	380.56	417.48	457.24	494.16	531.08	568.00	604.92	675.92	744.08	812.24	903.12	1059.32
1800	266.96	289.68	312.40	355.00	397.60	437.36	477.12	516.88	556.64	593.56	630.48	704.32	775.32	849.16	942.88	1107.60
1900	278.32	301.04	323.76	369.20	414.64	457.24	497.00	539.60	579.36	619.12	658.88	735.56	809.40	883.24	982.64	1153.04
2000	289.68	312.40	337.96	383.40	428.84	474.28	516.88	562.32	602.08	644.68	684.44	763.96	840.64	920.16	1019.56	1195.64
2200	312.40	337.96	363.52	414.64	462.92	511.20	556.64	602.08	647.52	692.96	735.56	820.76	903.12	988.32	1096.24	1283.68
2400	332.28	360.68	386.24	440.20	494.16	545.28	596.40	644.68	692.96	741.24	786.68	877.56	965.60	1053.64	1167.24	1366.04
2600	352.16	383.40	411.80	468.60	525.40	579.36	633.32	684.44	735.56	786.68	834.96	931.52	1022.40	1116.12	1238.24	1445.56
2800	372.04	403.28	434.52	494.16	553.80	613.44	667.40	724.20	778.16	829.28	883.24	982.64	1079.20	1178.60	1306.40	1522.24
3000	391.92	426.00	457.24	522.56	582.20	644.68	704.32	761.12	817.92	874.72	928.68	1033.76	1136.00	1238.24	1371.72	1596.08
3200	411.80	445.88	479.96	548.12	613.44	675.92	738.40	798.04	857.68	914.48	971.28	1082.04	1189.96	1297.88	1434.20	1669.92
3400	428.84	465.76	502.68	570.84	639.00	707.16	772.48	834.96	897.44	957.08	1016.72	1130.32	1241.08	1354.68	1496.68	1738.08
3600	445.88	485.64	522.56	596.40	667.40	735.56	803.72	869.04	934.36	996.84	1059.32	1178.60	1292.20	1408.64	1556.32	1803.40
3800	465.76	502.68	542.44	619.12	692.96	766.80	834.96	903.12	971.28	1036.60	1099.08	1224.04	1343.32	1462.60	1613.12	1868.72
4000	482.80	522.56	562.32	641.84	718.52	795.20	866.20	937.20	1008.20	1073.52	1141.68	1269.48	1391.60	1513.72	1669.92	1928.36
4500	522.56	568.00	613.44	698.64	781.00	863.36	942.88	1019.56	1093.40	1167.24	1238.24	1374.56	1505.20	1635.84	1800.56	2070.36
5000	562.32	610.60	658.88	752.60	843.48	928.68	1013.88	1096.24	1175.76	1255.28	1329.12	1476.80	1613.12	1749.44	1922.68	2198.16
5500	599.24	653.20	704.32	803.72	900.28	991.16	1082.04	1170.08	1255.28	1337.64	1417.16	1570.52	1712.52	1854.52	2030.60	2308.92
6000	636.16	690.12	746.92	852.00	954.24	1050.80	1147.36	1238.24	1329.12	1414.32	1499.52	1658.56	1806.24	1953.92	2132.84	2408.32
6500	670.24	727.04	786.68	897.44	1005.36	1107.60	1209.84	1306.40	1397.28	1488.16	1576.20	1740.92	1894.28	2041.96	2220.88	2487.84
7000	701.48	763.96	826.44	942.88	1053.64	1164.40	1266.64	1368.88	1465.44	1559.16	1647.20	1817.60	1973.80	2121.48	2300.40	2556.00
7500	735.56	798.04	863.36	985.48	1101.92	1215.52	1323.44	1428.52	1527.92	1624.48	1715.36	1888.60	2047.64	2195.32	2368.56	2604.28
8000	763.96	832.12	897.44	1025.24	1147.36	1263.80	1377.40	1485.32	1587.56	1686.96	1780.68	1953.92	2112.96	2260.64	2425.36	2638.36
9000	820.76	894.60	965.60	1101.92	1232.56	1357.52	1476.80	1587.56	1695.48	1797.72	1894.28	2070.36	2226.56	2362.88	2510.56	2655.40

Power rating- (kW) PIX-X'act®-STD S5M Section Belt with 9mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	14	16	18	20	24	28	32	36	40	44	48
870	0.173	0.210	0.246	0.282	0.352	0.420	0.486	0.551	0.614	0.677	0.738
1160	0.216	0.263	0.309	0.355	0.443	0.529	0.613	0.695	0.775	0.854	0.931
1750	0.293	0.359	0.425	0.488	0.613	0.733	0.849	0.963	1.073	1.181	1.283
3500	0.475	0.592	0.705	0.816	1.029	1.231	1.425	1.611	1.787	1.955	2.115
50	0.016	0.019	0.022	0.025	0.031	0.037	0.043	0.048	0.054	0.059	0.064
100	0.030	0.035	0.041	0.046	0.057	0.068	0.078	0.088	0.098	0.108	0.118
150	0.042	0.050	0.058	0.066	0.081	0.096	0.111	0.125	0.140	0.154	0.168
200	0.053	0.063	0.074	0.084	0.104	0.123	0.142	0.161	0.179	0.197	0.215
250	0.064	0.076	0.089	0.101	0.125	0.149	0.172	0.194	0.217	0.239	0.260
300	0.074	0.089	0.103	0.118	0.146	0.173	0.200	0.227	0.253	0.279	0.304
350	0.084	0.101	0.118	0.134	0.166	0.196	0.228	0.259	0.288	0.318	0.346
400	0.093	0.112	0.131	0.150	0.186	0.221	0.255	0.289	0.323	0.355	0.388
450	0.103	0.124	0.145	0.165	0.205	0.244	0.282	0.319	0.356	0.392	0.428
500	0.112	0.135	0.158	0.180	0.224	0.266	0.308	0.349	0.389	0.428	0.467
550	0.121	0.146	0.170	0.195	0.242	0.288	0.333	0.378	0.421	0.464	0.506
600	0.129	0.156	0.183	0.209	0.260	0.310	0.358	0.406	0.453	0.499	0.544
650	0.138	0.167	0.195	0.223	0.278	0.331	0.383	0.434	0.484	0.533	0.581
700	0.146	0.177	0.207	0.237	0.295	0.351	0.407	0.461	0.514	0.566	0.618
800	0.162	0.197	0.231	0.264	0.329	0.392	0.454	0.514	0.574	0.632	0.689
900	0.178	0.216	0.253	0.290	0.362	0.432	0.500	0.566	0.632	0.696	0.759
1000	0.193	0.234	0.275	0.315	0.394	0.470	0.544	0.617	0.688	0.758	0.826
1100	0.207	0.252	0.297	0.340	0.425	0.507	0.588	0.666	0.743	0.818	0.892
1200	0.221	0.270	0.318	0.364	0.456	0.544	0.630	0.715	0.797	0.877	0.956
1300	0.235	0.287	0.338	0.388	0.485	0.580	0.672	0.762	0.849	0.935	1.019
1400	0.248	0.304	0.358	0.411	0.515	0.615	0.713	0.808	0.901	0.992	1.081
1500	0.262	0.320	0.378	0.434	0.543	0.649	0.753	0.853	0.951	1.047	1.141
1600	0.274	0.336	0.397	0.456	0.571	0.683	0.792	0.898	1.001	1.102	1.200
1700	0.287	0.352	0.415	0.478	0.599	0.716	0.830	0.941	1.049	1.155	1.258
1800	0.299	0.367	0.434	0.499	0.626	0.749	0.868	0.984	1.097	1.207	1.314
1900	0.311	0.382	0.452	0.520	0.653	0.781	0.905	1.026	1.144	1.258	1.370
2000	0.323	0.397	0.470	0.541	0.679	0.813	0.942	1.068	1.189	1.308	1.424
2200	0.346	0.426	0.504	0.581	0.730	0.874	1.013	1.148	1.279	1.406	1.529
2400	0.367	0.454	0.538	0.620	0.780	0.934	1.082	1.226	1.365	1.500	1.630
2600	0.389	0.480	0.570	0.658	0.828	0.991	1.149	1.301	1.448	1.590	1.727
2800	0.409	0.507	0.602	0.695	0.875	1.048	1.214	1.374	1.528	1.677	1.820
3000	0.429	0.532	0.633	0.731	0.920	1.102	1.277	1.445	1.606	1.761	1.910
3200	0.448	0.556	0.662	0.765	0.965	1.155	1.338	1.513	1.680	1.841	1.995
3400	0.466	0.580	0.691	0.799	1.008	1.206	1.397	1.579	1.752	1.918	2.076
3600	0.484	0.603	0.719	0.832	1.049	1.256	1.454	1.642	1.821	1.992	2.153
3800	0.501	0.626	0.747	0.864	1.090	1.305	1.509	1.704	1.888	2.062	2.227
4000	0.518	0.647	0.773	0.895	1.130	1.352	1.563	1.763	1.951	2.129	2.296
4500	0.558	0.699	0.837	0.970	1.224	1.463	1.689	1.901	2.098	2.282	2.452
5000	0.595	0.748	0.896	1.039	1.312	1.566	1.804	2.025	2.228	2.414	2.581
5500	0.629	0.793	0.952	1.104	1.393	1.661	1.909	2.135	2.340	2.523	2.683
6000	0.661	0.835	1.003	1.164	1.468	1.747	2.002	2.231	2.434	2.609	2.756
6500	0.690	0.874	1.051	1.220	1.537	1.825	2.064	2.312	2.508	2.672	2.800
7000	0.716	0.910	1.096	1.272	1.600	1.895	2.154	2.378	2.563	2.709	2.812
7500	0.741	0.943	1.137	1.320	1.657	1.955	2.213	2.428	2.598	2.720	2.791
8000	0.763	0.974	1.174	1.363	1.708	2.007	2.260	2.462	2.611	2.703	2.735
9000	0.801	1.026	1.239	1.436	1.790	2.084	2.315	2.479	2.570	2.580	2.513

Power rating- (kW) PIX-X'act®-STD S5M Section Belt with 15mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	14	16	18	20	24	28	32	36	40	44	48
870	0.296	0.359	0.421	0.482	0.602	0.718	0.831	0.942	1.050	1.158	1.262
1160	0.369	0.450	0.528	0.607	0.758	0.905	1.048	1.188	1.325	1.460	1.592
1750	0.501	0.614	0.727	0.834	1.048	1.253	1.452	1.647	1.835	2.020	2.194
3500	0.812	1.012	1.206	1.395	1.760	2.105	2.437	2.755	3.056	3.343	3.617
50	0.027	0.032	0.038	0.043	0.053	0.063	0.074	0.082	0.092	0.101	0.109
100	0.051	0.060	0.070	0.079	0.097	0.116	0.133	0.150	0.168	0.185	0.202
150	0.072	0.086	0.099	0.113	0.139	0.164	0.190	0.214	0.239	0.263	0.287
200	0.091	0.108	0.127	0.144	0.178	0.210	0.243	0.275	0.306	0.337	0.368
250	0.109	0.130	0.152	0.173	0.214	0.255	0.294	0.332	0.371	0.409	0.445
300	0.127	0.152	0.176	0.202	0.250	0.296	0.342	0.388	0.433	0.477	0.520
350	0.144	0.173	0.202	0.229	0.284	0.335	0.390	0.443	0.492	0.544	0.592
400	0.159	0.192	0.224	0.257	0.318	0.378	0.436	0.494	0.552	0.607	0.663
450	0.176	0.212	0.248	0.282	0.351	0.417	0.482	0.545	0.609	0.670	0.732
500	0.192	0.231	0.270	0.308	0.383	0.464	0.527	0.597	0.665	0.732	0.799
550	0.207	0.250	0.291	0.333	0.414	0.492	0.569	0.646	0.720	0.793	0.865
600	0.221	0.267	0.313	0.357	0.445	0.530	0.612	0.694	0.775	0.853	0.930
650	0.236	0.286	0.333	0.381	0.475	0.566	0.655	0.742	0.828	0.911	0.994
700	0.250	0.303	0.354	0.405	0.504	0.600	0.696	0.788	0.879	0.968	1.057
800	0.277	0.337	0.395	0.451	0.563	0.670	0.776	0.879	0.982	1.081	1.178
900	0.304	0.369	0.433	0.496	0.619	0.739	0.855	0.968	1.081	1.190	1.298
1000	0.330	0.400	0.470	0.539	0.674	0.804	0.930	1.055	1.176	1.296	1.412
1100	0.354	0.431	0.508	0.581	0.727	0.867	1.005	1.139	1.271	1.399	1.525
1200	0.378	0.462	0.544	0.622	0.780	0.930	1.077	1.223	1.363	1.500	1.635
1300	0.402	0.491	0.578	0.663	0.829	0.992	1.149	1.303	1.452	1.599	1.742
1400	0.424	0.520	0.612	0.703	0.881	1.052	1.219	1.382	1.541	1.696	1.849
1500	0.448	0.547	0.646	0.742	0.929	1.110	1.288	1.459	1.626	1.790	1.951
1600	0.469	0.575	0.679	0.780	0.976	1.168	1.354	1.536	1.712	1.884	2.052
1700	0.491	0.602	0.710	0.817	1.024	1.224	1.419	1.609	1.794	1.975	2.151
1800	0.511	0.628	0.742	0.853	1.070	1.281	1.484	1.683	1.876	2.064	2.247
1900	0.532	0.653	0.773	0.889	1.117	1.336	1.548	1.754	1.956	2.151	2.343
2000	0.552	0.679	0.804	0.925	1.161	1.390	1.611	1.826	2.033	2.237	2.435
2200	0.592	0.728	0.862	0.994	1.248	1.495	1.732	1.963	2.187	2.404	2.615
2400	0.628	0.776	0.920	1.060	1.334	1.597	1.850	2.096	2.334	2.565	2.787
2600	0.665	0.821	0.975	1.125	1.416	1.695	1.965	2.225	2.476	2.719	2.953
2800	0.699	0.867	1.029	1.188	1.496	1.792	2.076	2.350	2.613	2.868	3.112
3000	0.734	0.910	1.082	1.250	1.573	1.884	2.184	2.471	2.746	3.011	3.266
3200	0.766	0.951	1.132	1.308	1.650	1.975	2.288	2.587	2.873	3.148	3.411
3400	0.797	0.992	1.182	1.366	1.724	2.062	2.389	2.700	2.996	3.280	3.550
3600	0.828	1.031	1.229	1.423	1.794	2.148	2.486	2.808	3.114	3.406	3.682
3800	0.857	1.070	1.277	1.477	1.864	2.232	2.580	2.914	3.228	3.526	3.808
4000	0.886	1.106	1.322	1.530	1.932	2.312	2.673	3.015	3.336	3.641	3.926
4500	0.954	1.195	1.431	1.659	2.093	2.502	2.888	3.251	3.588	3.902	4.193
5000	1.017	1.279	1.532	1.777	2.244	2.678	3.085	3.463	3.810	4.128	4.414
5500	1.076	1.356	1.628	1.888	2.382	2.840	3.264	3.651	4.001	4.314	4.588
6000	1.130	1.428	1.715	1.990	2.510	2.987	3.423	3.815	4.162	4.461	4.713
6500	1.180	1.495	1.797	2.086	2.628	3.121	3.529	3.954	4.289	4.569	4.788
7000	1.224	1.556	1.874	2.175	2.736	3.240	3.683	4.066	4.383	4.632	4.809
7500	1.267	1.613	1.944	2.257	2.833	3.343	3.784	4.152	4.443	4.651	4.773
8000	1.305	1.666	2.008	2.331	2.921	3.432	3.865	4.210	4.465	4.622	4.677
9000	1.370	1.754	2.119	2.456	3.061	3.564	3.959	4.239	4.395	4.412	4.297

Power rating- (kW) PIX-X'act®-STD S5M Section Belt with 25mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	14	16	18	20	24	28	32	36	40	44	48
870	0.512	0.622	0.728	0.835	1.042	1.243	1.439	1.631	1.817	2.004	2.184
1160	0.639	0.778	0.915	1.051	1.311	1.566	1.814	2.057	2.294	2.528	2.756
1750	0.867	1.063	1.258	1.444	1.814	2.170	2.513	2.850	3.176	3.496	3.798
3500	1.406	1.752	2.087	2.415	3.046	3.644	4.218	4.769	5.290	5.787	6.260
50	0.047	0.056	0.065	0.074	0.092	0.110	0.127	0.142	0.160	0.175	0.189
100	0.089	0.104	0.121	0.136	0.169	0.201	0.231	0.260	0.290	0.320	0.349
150	0.124	0.148	0.172	0.195	0.240	0.284	0.329	0.370	0.414	0.456	0.497
200	0.157	0.186	0.219	0.249	0.308	0.364	0.420	0.477	0.530	0.583	0.636
250	0.189	0.225	0.263	0.299	0.370	0.441	0.509	0.574	0.642	0.707	0.770
300	0.219	0.263	0.305	0.349	0.432	0.512	0.592	0.672	0.749	0.826	0.900
350	0.249	0.299	0.349	0.397	0.491	0.580	0.675	0.767	0.852	0.941	1.024
400	0.275	0.332	0.388	0.444	0.551	0.654	0.755	0.855	0.956	1.051	1.148
450	0.305	0.367	0.429	0.488	0.607	0.722	0.835	0.944	1.054	1.160	1.267
500	0.332	0.400	0.468	0.533	0.663	0.791	0.912	1.033	1.151	1.267	1.382
550	0.358	0.432	0.503	0.577	0.716	0.852	0.986	1.119	1.246	1.373	1.498
600	0.382	0.462	0.542	0.619	0.770	0.918	1.060	1.202	1.341	1.477	1.610
650	0.408	0.494	0.577	0.660	0.823	0.980	1.134	1.285	1.433	1.578	1.720
700	0.432	0.524	0.613	0.702	0.873	1.039	1.205	1.365	1.521	1.675	1.829
800	0.480	0.583	0.684	0.781	0.974	1.160	1.344	1.521	1.699	1.871	2.039
900	0.527	0.639	0.749	0.858	1.072	1.279	1.480	1.675	1.871	2.060	2.247
1000	0.571	0.693	0.814	0.932	1.166	1.391	1.610	1.826	2.036	2.244	2.445
1100	0.613	0.746	0.879	1.006	1.258	1.501	1.740	1.971	2.199	2.421	2.640
1200	0.654	0.799	0.941	1.077	1.350	1.610	1.865	2.116	2.359	2.596	2.830
1300	0.696	0.850	1.000	1.148	1.436	1.717	1.989	2.256	2.513	2.768	3.016
1400	0.734	0.900	1.060	1.217	1.524	1.820	2.110	2.392	2.667	2.936	3.200
1500	0.776	0.947	1.119	1.285	1.607	1.921	2.229	2.525	2.815	3.099	3.377
1600	0.811	0.995	1.175	1.350	1.690	2.022	2.344	2.658	2.963	3.262	3.552
1700	0.850	1.042	1.228	1.415	1.773	2.119	2.457	2.785	3.105	3.419	3.724
1800	0.885	1.086	1.285	1.477	1.853	2.217	2.569	2.913	3.247	3.573	3.889
1900	0.921	1.131	1.338	1.539	1.933	2.312	2.679	3.037	3.386	3.724	4.055
2000	0.956	1.175	1.391	1.601	2.010	2.406	2.788	3.161	3.519	3.872	4.215
2200	1.024	1.261	1.492	1.720	2.161	2.587	2.998	3.398	3.786	4.162	4.526
2400	1.086	1.344	1.592	1.835	2.309	2.765	3.203	3.629	4.040	4.440	4.825
2600	1.151	1.421	1.687	1.948	2.451	2.933	3.401	3.851	4.286	4.706	5.112
2800	1.211	1.501	1.782	2.057	2.590	3.102	3.593	4.067	4.523	4.964	5.387
3000	1.270	1.575	1.874	2.164	2.723	3.262	3.780	4.277	4.754	5.213	5.654
3200	1.326	1.646	1.960	2.264	2.856	3.419	3.960	4.478	4.973	5.449	5.905
3400	1.379	1.717	2.045	2.365	2.984	3.570	4.135	4.674	5.186	5.677	6.145
3600	1.433	1.785	2.128	2.463	3.105	3.718	4.304	4.860	5.390	5.896	6.373
3800	1.483	1.853	2.211	2.557	3.226	3.863	4.467	5.044	5.588	6.104	6.592
4000	1.533	1.915	2.288	2.649	3.345	4.002	4.626	5.218	5.775	6.302	6.796
4500	1.652	2.069	2.478	2.871	3.623	4.330	4.999	5.627	6.210	6.755	7.258
5000	1.761	2.214	2.652	3.075	3.884	4.635	5.340	5.994	6.595	7.145	7.640
5500	1.862	2.347	2.818	3.268	4.123	4.917	5.651	6.320	6.926	7.468	7.942
6000	1.957	2.472	2.969	3.445	4.345	5.171	5.926	6.604	7.205	7.723	8.158
6500	2.042	2.587	3.111	3.611	4.550	5.402	6.109	6.844	7.424	7.909	8.288
7000	2.119	2.694	3.244	3.765	4.736	5.609	6.376	7.039	7.586	8.019	8.324
7500	2.193	2.791	3.366	3.907	4.905	5.787	6.550	7.187	7.690	8.051	8.261
8000	2.258	2.883	3.475	4.034	5.056	5.941	6.690	7.288	7.729	8.001	8.096
9000	2.371	3.037	3.667	4.251	5.298	6.169	6.852	7.338	7.607	7.637	7.438

Power rating- (kW) PIX-X'act®-STD S8M Section Belt with 20mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	22	24	26	28	30	32	36	40	44	48	72
870	2.11	2.30	2.49	2.69	2.87	3.06	3.44	3.82	4.20	4.58	6.82
1160	2.81	3.06	3.32	3.57	3.82	4.07	4.58	5.08	5.58	6.08	9.01
1750	4.22	4.60	4.98	5.36	5.74	6.11	6.86	7.60	8.33	9.06	13.23
3500	8.33	9.06	9.78	10.49	11.19	11.88	13.23	14.53	15.77	16.96	22.53
50	0.12	0.13	0.14	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.40
100	0.24	0.26	0.29	0.31	0.33	0.35	0.40	0.44	0.49	0.53	0.79
200	0.49	0.53	0.57	0.62	0.66	0.71	0.79	0.88	0.97	1.06	1.58
300	0.73	0.79	0.86	0.92	0.99	1.06	1.19	1.32	1.45	1.58	2.38
400	0.97	1.06	1.16	1.23	1.32	1.41	1.58	1.76	1.94	2.11	3.17
500	1.21	1.32	1.43	1.54	1.65	1.76	1.98	2.20	2.42	2.64	3.95
600	1.45	1.58	1.72	1.85	1.98	2.11	2.38	2.64	2.90	3.17	4.73
700	1.70	1.85	2.00	2.16	2.31	2.46	2.77	3.08	3.38	3.69	5.51
800	1.94	2.11	2.29	2.46	2.64	2.81	3.17	3.51	3.86	4.21	6.28
900	2.18	2.38	2.57	2.77	2.97	3.17	3.59	3.95	4.34	4.73	7.05
1000	2.42	2.64	2.86	3.08	3.30	3.52	3.95	4.39	4.82	5.25	7.81
1100	2.66	2.90	3.14	3.38	3.62	3.86	4.34	4.82	5.30	5.77	8.56
1200	2.90	3.17	3.43	3.69	3.95	4.21	4.73	5.25	5.77	6.28	9.31
1300	3.14	3.43	3.71	3.99	4.28	4.56	5.12	5.68	6.24	6.80	10.04
1400	3.38	3.69	3.99	4.30	4.60	4.91	5.51	6.11	6.71	7.31	10.77
1500	3.62	3.95	4.28	4.60	4.93	5.25	5.90	6.54	7.18	7.81	11.49
1600	3.86	4.21	4.56	4.91	5.25	5.60	6.28	6.97	7.64	8.31	12.19
1700	4.10	4.47	4.84	5.21	5.57	5.94	6.67	7.39	8.10	8.81	12.89
1800	4.34	4.73	5.12	5.51	5.90	6.28	7.05	7.81	8.56	9.31	13.57
1900	4.58	4.99	5.40	5.81	6.22	6.62	7.43	8.23	9.02	9.80	14.23
2000	4.82	5.25	5.68	6.11	6.54	6.97	7.81	8.65	9.47	10.29	14.89
2100	5.06	5.51	5.96	6.41	6.86	7.31	8.19	9.06	9.92	10.77	15.53
2200	5.30	5.77	6.24	6.71	7.18	7.64	8.56	9.47	10.37	11.25	16.15
2300	5.53	6.03	6.52	7.01	7.49	7.98	8.93	9.88	10.81	11.72	16.76
2400	5.77	6.28	6.80	7.30	7.81	8.31	9.31	10.29	11.25	12.19	17.35
2500	6.00	6.54	7.07	7.60	8.12	8.65	9.68	10.69	11.68	12.65	17.92
2600	6.24	6.80	7.35	7.89	8.44	8.98	10.04	11.09	12.11	13.11	18.48
2700	6.47	7.05	7.62	8.19	8.75	9.31	10.41	11.49	12.54	13.57	19.01
2800	6.71	7.31	7.89	8.48	9.06	9.64	10.77	11.88	12.96	14.01	19.53
2900	6.94	7.56	8.17	8.77	9.37	9.96	11.13	12.27	13.38	14.45	20.03
3000	7.18	7.81	8.44	9.06	9.68	10.29	11.48	12.65	13.79	14.89	20.50
3200	7.64	8.31	8.98	9.64	10.29	10.93	12.19	13.42	14.60	15.74	21.38
3400	8.10	8.81	9.81	10.21	10.89	11.57	12.89	14.16	15.39	16.56	22.17
3600	8.56	9.31	10.04	10.77	11.48	12.19	13.57	14.89	16.15	17.35	22.86
3800	9.02	9.80	10.57	11.33	12.07	12.81	14.23	15.60	16.89	18.11	23.45
4000	9.47	10.29	11.69	11.88	12.65	13.42	14.89	16.29	17.61	18.84	23.92
4200	9.92	10.77	11.60	12.42	13.23	14.01	15.53	16.96	18.29	19.53	24.27
4400	10.37	11.25	12.11	12.96	13.79	14.60	16.15	17.61	18.95	20.19	24.50
4600	10.81	11.72	12.62	13.49	14.34	15.17	16.76	18.23	19.59	20.81	24.61
4800	11.25	12.19	13.11	14.01	14.89	15.74	17.35	18.84	20.19	21.38	24.58
5000	11.68	12.65	13.60	14.53	15.42	16.29	17.92	19.42	20.75	21.92	24.40
5200	12.11	13.11	14.09	15.03	15.94	16.82	18.48	19.97	21.29	22.41	
5400	12.54	13.57	14.56	15.53	16.46	17.35	19.01	20.50	21.79	23.46	
5600	12.96	14.01	15.03	16.01	16.96	17.86	19.53	21.00	22.25	23.26	
5800	13.38	14.45	15.49	16.49	17.45	18.36	20.03	21.47	22.68	23.61	
6000	13.79	14.89	15.95	16.96	17.92	18.84	20.50	21.92	23.67	23.92	

Power rating- (kW) PIX-X'act®-STD S8M Section Belt with 30mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	22	24	26	28	30	32	36	40	44	48	72
870	3.16	3.45	3.73	4.03	4.30	4.59	5.16	5.73	6.30	6.86	10.23
1160	4.21	4.59	4.97	5.35	5.73	6.11	6.86	7.62	8.37	9.12	13.51
1750	6.33	6.90	7.47	8.04	8.60	9.17	10.29	11.40	12.50	13.59	19.84
3500	12.50	13.59	14.67	15.73	16.78	17.82	19.84	21.79	23.66	25.43	33.79
50	0.18	0.20	0.22	0.23	0.25	0.27	0.30	0.33	0.36	0.40	0.59
100	0.36	0.40	0.43	0.46	0.50	0.53	0.59	0.66	0.73	0.79	1.19
200	0.73	0.79	0.86	0.93	0.99	1.06	1.19	1.32	1.45	1.58	2.38
300	1.09	1.19	1.29	1.39	1.49	1.58	1.78	1.98	2.18	2.38	3.56
400	1.45	1.58	1.74	1.85	1.98	2.12	2.38	2.64	2.91	3.17	4.75
500	1.82	1.98	2.15	2.31	2.48	2.64	2.97	3.30	3.63	3.96	5.93
600	2.18	2.38	2.57	2.77	2.97	3.17	3.56	3.96	4.35	4.75	7.10
700	2.54	2.77	3.01	3.24	3.47	3.69	4.16	4.62	5.08	5.54	8.27
800	2.91	3.17	3.43	3.69	3.96	4.22	4.75	5.27	5.80	6.32	9.42
900	3.27	3.56	3.86	4.16	4.45	4.75	5.38	5.93	6.51	7.10	10.58
1000	3.63	3.96	4.29	4.62	4.95	5.27	5.93	6.58	7.23	7.88	11.71
1100	3.99	4.35	4.72	5.08	5.44	5.80	6.51	7.23	7.94	8.65	12.84
1200	4.35	4.75	5.14	5.54	5.93	6.32	7.10	7.88	8.65	9.42	13.96
1300	4.72	5.14	5.57	5.99	6.42	6.84	7.68	8.52	9.36	10.19	15.07
1400	5.08	5.54	5.99	6.45	6.90	7.36	8.27	9.17	10.07	10.96	16.16
1500	5.44	5.93	6.42	6.90	7.39	7.88	8.85	9.81	10.76	11.71	17.23
1600	5.80	6.32	6.84	7.36	7.88	8.40	9.42	10.45	11.46	12.47	18.29
1700	6.16	6.71	7.26	7.81	8.36	8.91	10.00	11.08	12.15	13.22	19.33
1800	6.51	7.10	7.68	8.27	8.85	9.42	10.58	11.71	12.84	13.96	20.35
1900	6.87	7.49	8.10	8.72	9.33	9.94	11.15	12.34	13.53	14.70	21.35
2000	7.23	7.88	8.52	9.17	9.81	10.45	11.71	12.97	14.21	15.43	22.33
2100	7.59	8.27	8.94	9.62	10.29	10.96	12.28	13.59	14.88	16.16	23.29
2200	7.94	8.65	9.36	10.06	10.76	11.46	12.84	14.17	15.55	16.87	24.22
2300	8.30	9.04	9.78	10.51	11.24	11.97	13.40	14.82	16.21	17.58	25.14
2400	8.65	9.42	10.19	10.95	11.71	12.47	13.96	15.43	16.87	18.29	26.02
2500	9.00	9.81	10.61	11.40	12.19	12.97	14.51	16.03	17.52	18.98	26.88
2600	9.36	10.19	11.02	11.84	12.65	13.46	15.07	16.63	18.17	19.67	27.72
2700	9.71	10.58	11.43	12.28	13.12	13.96	15.61	17.23	18.81	20.35	28.52
2800	10.06	10.96	11.84	12.72	13.59	14.45	16.16	17.82	19.44	21.02	29.30
2900	10.41	11.34	12.25	13.15	14.05	14.94	16.69	18.40	20.07	21.68	30.04
3000	10.76	11.71	12.66	13.59	14.51	15.43	17.23	18.98	20.69	22.33	30.75
3200	11.46	12.47	13.46	14.45	15.43	16.39	18.28	20.12	21.90	23.60	32.07
3400	12.15	13.22	14.72	15.31	16.34	17.35	19.33	21.24	23.08	24.84	33.26
3600	12.84	13.96	15.07	16.16	17.23	18.29	20.35	22.33	24.23	26.02	34.29
3800	13.53	14.70	15.85	16.99	18.11	19.21	21.35	23.40	25.34	27.16	35.17
4000	14.21	15.43	17.53	17.82	18.98	20.12	22.33	24.43	26.41	28.26	35.87
4200	14.88	16.16	17.41	18.63	19.84	21.02	23.29	25.43	27.44	29.30	36.41
4400	15.55	16.88	18.17	19.44	20.68	21.90	24.22	26.41	28.43	30.28	36.76
4600	16.21	17.58	18.92	20.24	21.51	22.76	25.14	27.35	29.38	31.21	36.91
4800	16.87	18.29	19.67	21.02	22.33	23.60	26.02	28.26	30.28	32.07	36.86
5000	17.52	18.98	20.40	21.79	23.13	24.43	26.88	29.12	31.13	32.88	36.60
5200	18.17	19.67	21.13	22.55	23.91	25.24	27.72	29.96	31.93	33.62	
5400	18.81	20.35	21.84	23.29	24.68	26.02	28.52	30.75	32.68	35.19	
5600	19.44	21.02	22.55	24.02	25.43	26.79	29.30	31.50	33.38	34.89	
5800	20.07	21.68	23.24	24.73	26.17	27.54	30.04	32.21	34.02	35.42	
6000	20.68	22.33	23.92	25.43	26.88	28.26	30.75	32.88	35.50	35.87	

Power rating- (kW) PIX-X'act®-STD S8M Section Belt with 50mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	22	24	26	28	30	32	36	40	44	48	72
870	5.62	6.13	6.63	7.17	7.65	8.16	9.18	10.18	11.20	12.20	18.18
1160	7.48	8.16	8.84	9.51	10.18	10.86	12.20	13.54	14.88	16.21	24.02
1750	11.26	12.27	13.29	14.29	15.30	16.30	18.29	20.26	22.22	24.16	35.27
3500	22.22	24.16	26.07	27.97	29.83	31.68	35.27	38.74	42.06	45.22	60.07
50	0.32	0.35	0.38	0.41	0.44	0.47	0.53	0.58	0.65	0.70	1.06
100	0.65	0.70	0.76	0.82	0.88	0.94	1.06	1.18	1.30	1.41	2.11
200	1.30	1.41	1.53	1.65	1.76	1.88	2.11	2.35	2.58	2.82	4.22
300	1.94	2.11	2.29	2.46	2.64	2.82	3.17	3.52	3.87	4.22	6.34
400	2.58	2.82	3.09	3.29	3.52	3.76	4.22	4.70	5.17	5.63	8.44
500	3.23	3.52	3.82	4.11	4.40	4.70	5.28	5.87	6.46	7.04	10.54
600	3.87	4.22	4.58	4.93	5.28	5.63	6.34	7.04	7.74	8.44	12.62
700	4.52	4.93	5.34	5.75	6.16	6.57	7.39	8.21	9.02	9.84	14.70
800	5.17	5.63	6.10	6.57	7.04	7.50	8.44	9.37	10.30	11.23	16.75
900	5.81	6.34	6.86	7.39	7.91	8.44	9.57	10.54	11.58	12.62	18.80
1000	6.46	7.04	7.62	8.21	8.79	9.38	10.54	11.70	12.85	14.01	20.82
1100	7.10	7.74	8.38	9.02	9.66	10.30	11.58	12.85	14.12	15.38	22.83
1200	7.74	8.44	9.14	9.84	10.54	11.23	12.62	14.01	15.38	16.75	24.82
1300	8.38	9.14	9.90	10.65	11.41	12.16	13.66	15.15	16.64	18.12	26.78
1400	9.02	9.84	10.65	11.46	12.27	13.08	14.70	16.30	17.90	19.48	28.72
1500	9.66	10.54	11.41	12.27	13.14	14.01	15.73	17.44	19.14	20.82	30.63
1600	10.30	11.23	12.16	13.08	14.00	14.93	16.75	18.58	20.38	22.17	32.51
1700	10.94	11.93	12.91	13.89	14.86	15.84	17.78	19.70	21.61	23.50	34.36
1800	11.58	12.62	13.66	14.70	15.73	16.75	18.80	20.82	22.83	24.82	36.18
1900	12.22	13.31	14.41	15.50	16.58	17.66	19.82	21.94	24.05	26.13	37.95
2000	12.85	14.01	15.15	16.30	17.44	18.58	20.82	23.06	25.26	27.43	39.70
2100	13.49	14.70	15.90	17.10	18.29	19.48	21.83	24.16	26.46	28.72	41.40
2200	14.12	15.38	16.64	17.89	19.14	20.38	22.83	25.16	27.65	29.99	43.06
2300	14.75	16.07	17.38	18.69	19.98	21.27	23.82	26.34	28.82	31.26	44.69
2400	15.38	16.75	18.12	19.47	20.82	22.17	24.82	27.43	29.99	32.51	46.26
2500	16.01	17.44	18.86	20.26	21.66	23.06	25.80	28.50	31.15	33.74	47.79
2600	16.64	18.12	19.59	21.05	22.50	23.94	26.78	29.57	32.30	34.97	49.27
2700	17.26	18.80	20.32	21.83	23.33	24.82	27.75	30.63	33.44	36.18	50.70
2800	17.89	19.48	21.05	22.61	24.16	25.70	28.72	31.68	34.56	37.37	52.08
2900	18.51	20.15	21.78	23.38	24.98	26.57	29.67	32.71	35.67	38.54	53.40
3000	19.14	20.82	22.50	24.16	25.80	27.43	30.62	33.74	36.78	39.70	54.66
3200	20.38	22.17	23.94	25.70	27.43	29.14	32.50	35.78	38.93	41.96	57.02
3400	21.61	23.50	26.17	27.22	29.04	30.84	34.36	37.76	41.03	44.15	59.12
3600	22.83	24.82	26.78	28.72	30.62	32.51	36.18	39.70	43.07	46.26	60.96
3800	24.05	26.13	28.18	30.21	32.19	34.15	37.95	41.59	45.04	48.29	62.52
4000	25.26	27.43	31.17	31.67	33.74	35.78	39.70	43.43	46.95	50.23	63.78
4200	26.46	28.72	30.94	33.13	35.27	37.37	41.40	45.22	48.78	52.08	64.72
4400	27.65	30.00	32.30	34.56	36.77	38.93	43.06	46.95	50.54	53.83	65.34
4600	28.82	31.25	33.64	35.98	38.25	40.46	44.69	48.62	52.23	55.48	65.62
4800	29.99	32.51	34.97	37.37	39.70	41.96	46.26	50.23	53.83	57.02	65.54
5000	31.15	33.74	36.27	38.74	41.12	43.43	47.79	51.78	55.34	58.45	65.07
5200	32.30	34.97	37.56	40.08	42.51	44.86	49.27	53.26	56.77	59.77	
5400	33.43	36.18	38.83	41.40	43.88	46.26	50.70	54.66	58.10	62.56	
5600	34.56	37.37	40.08	42.70	45.22	47.62	52.08	56.00	59.34	62.03	
5800	35.67	38.54	41.31	43.97	46.52	48.95	53.40	57.26	60.48	62.97	
6000	36.77	39.70	42.52	45.22	47.79	50.23	54.66	58.45	63.11	63.78	

Power rating- (kW) PIX-X'act®-STD S8M Section Belt with 85mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley										
	22	24	26	28	30	32	36	40	44	48	72
870	10.53	11.49	12.44	13.44	14.34	15.30	17.21	19.10	21.00	22.88	34.10
1160	14.03	15.30	16.58	17.84	19.10	20.37	22.88	25.40	27.90	30.39	45.05
1750	21.11	23.01	24.92	26.79	28.68	30.56	34.29	38.00	41.67	45.30	66.14
3500	41.67	45.30	48.89	52.44	55.94	59.40	66.14	72.63	78.86	84.78	112.64
50	0.60	0.66	0.72	0.77	0.83	0.89	0.99	1.10	1.22	1.32	1.98
100	1.22	1.32	1.43	1.55	1.65	1.77	1.98	2.21	2.43	2.64	3.96
200	2.43	2.64	2.87	3.09	3.30	3.53	3.96	4.41	4.85	5.28	7.92
300	3.63	3.96	4.29	4.62	4.95	5.28	5.94	6.60	7.26	7.92	11.88
400	4.85	5.28	5.79	6.17	6.60	7.05	7.92	8.81	9.69	10.56	15.83
500	6.06	6.60	7.16	7.71	8.25	8.81	9.90	11.01	12.11	13.20	19.76
600	7.26	7.92	8.58	9.24	9.90	10.56	11.88	13.20	14.51	15.83	23.67
700	8.48	9.24	10.02	10.79	11.55	12.32	13.86	15.39	16.92	18.45	27.56
800	9.69	10.56	11.45	12.32	13.20	14.07	15.83	17.57	19.32	21.06	31.41
900	10.89	11.88	12.87	13.86	14.84	15.83	17.94	19.76	21.71	23.67	35.25
1000	12.11	13.20	14.30	15.39	16.49	17.58	19.76	21.93	24.09	26.27	39.05
1100	13.31	14.51	15.72	16.92	18.12	19.32	21.71	24.09	26.48	28.85	42.81
1200	14.51	15.83	17.13	18.45	19.76	21.06	23.66	26.27	28.85	31.41	46.53
1300	15.72	17.13	18.56	19.97	21.39	22.80	25.61	28.41	31.20	33.98	50.22
1400	16.92	18.45	19.97	21.50	23.01	24.53	27.56	30.56	33.56	36.53	53.85
1500	18.12	19.76	21.39	23.01	24.63	26.27	29.49	32.70	35.88	39.05	57.44
1600	19.32	21.06	22.80	24.53	26.25	27.99	31.41	34.83	38.21	41.57	60.96
1700	20.52	22.37	24.21	26.04	27.87	29.70	33.33	36.95	40.52	44.06	64.43
1800	21.71	23.67	25.61	27.56	29.49	31.41	35.25	39.05	42.81	46.53	67.83
1900	22.91	24.96	27.02	29.06	31.10	33.12	37.16	41.15	45.09	48.99	71.16
2000	24.09	26.27	28.41	30.56	32.70	34.83	39.05	43.23	47.36	51.44	74.43
2100	25.29	27.56	29.81	32.06	34.29	36.53	40.94	45.30	49.61	53.85	77.63
2200	26.48	28.85	31.20	33.54	35.88	38.21	42.81	47.36	51.84	56.24	80.75
2300	27.66	30.14	32.60	35.04	37.47	39.89	44.67	49.40	54.05	58.61	83.79
2400	28.85	31.41	33.98	36.51	39.05	41.57	46.53	51.44	56.24	60.96	86.75
2500	30.02	32.70	35.36	38.00	40.62	43.23	48.38	53.45	58.41	63.27	89.61
2600	31.20	33.98	36.74	39.47	42.18	44.88	50.22	55.44	60.57	65.57	92.39
2700	32.37	35.25	38.10	40.94	43.74	46.53	52.04	57.44	62.70	67.83	95.07
2800	33.54	36.53	39.47	42.39	45.30	48.18	53.85	59.40	64.80	70.07	97.65
2900	34.71	37.79	40.83	43.85	46.85	49.82	55.64	61.34	66.89	72.26	100.13
3000	35.88	39.05	42.20	45.30	48.38	51.44	57.42	63.27	68.96	74.43	102.50
3200	38.21	41.57	44.88	48.18	51.44	54.65	60.95	67.08	72.99	78.68	106.91
3400	40.52	44.06	49.07	51.03	54.45	57.83	64.43	70.80	76.94	82.79	110.85
3600	42.81	46.55	50.22	53.85	57.42	60.96	67.83	74.43	80.76	86.75	114.30
3800	45.09	48.99	52.85	56.64	60.36	64.04	71.16	77.99	84.45	90.54	117.23
4000	47.36	51.44	58.44	59.39	63.27	67.08	74.43	81.44	88.04	94.19	119.58
4200	49.61	53.85	58.02	62.12	66.14	70.07	77.63	84.78	91.47	97.65	121.35
4400	51.84	56.25	60.57	64.80	68.94	72.99	80.75	88.04	94.77	100.94	122.52
4600	54.05	58.59	63.08	67.46	71.72	75.87	83.79	91.17	97.94	104.03	123.03
4800	56.24	60.96	65.57	70.07	74.43	78.68	86.75	94.19	100.94	106.91	122.88
5000	58.41	63.27	68.01	72.63	77.10	81.44	89.61	97.08	103.77	109.59	122.01
5200	60.56	65.57	70.43	75.15	79.71	84.12	92.39	99.86	106.44	112.07	
5400	62.69	67.83	72.81	77.63	82.28	86.75	95.07	102.50	108.95	117.30	
5600	64.80	70.07	75.15	80.06	84.78	89.30	97.65	105.00	111.27	116.31	
5800	66.89	72.27	77.46	82.44	87.23	91.79	100.13	107.37	113.40	118.07	
6000	68.94	74.45	79.73	84.78	89.61	94.19	102.50	109.59	118.34	119.58	

Power rating- (kW) PIX-X'act®-STD S14M Section Belt with 30mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	28	30	32	34	36	40	42	44	48	50	56	60	64	72	84
575	6.74	7.22	7.69	8.17	8.65	9.59	10.07	10.54	11.48	11.95	13.35	14.28	15.20	17.03	19.72
690	8.07	8.65	9.21	9.78	10.35	11.48	12.05	12.61	13.72	14.28	15.94	17.03	18.11	20.25	23.38
870	10.15	10.87	11.58	12.29	13.00	14.40	15.10	15.79	17.17	17.86	19.88	21.22	22.53	25.09	28.77
1160	13.47	14.40	15.33	16.25	17.17	18.99	19.88	20.77	22.53	23.39	25.93	27.57	29.16	32.21	36.38
1750	19.99	21.33	22.65	23.95	25.22	27.71	28.91	30.09	32.37	33.46	36.54	38.42	40.16	43.13	46.20
3450	36.15	38.03	39.77	41.36	42.78	45.10	45.98	46.65	47.35	---	---	---	---	---	---
20	0.24	0.25	0.27	0.29	0.30	0.34	0.35	0.37	0.40	0.42	0.47	0.50	0.54	0.60	0.71
40	0.47	0.50	0.54	0.57	0.60	0.67	0.71	0.74	0.81	0.84	0.94	1.01	1.08	1.21	1.41
60	0.71	0.76	0.81	0.86	0.91	1.01	1.06	1.11	1.21	1.26	1.41	1.51	1.61	1.81	2.11
80	0.94	1.01	1.08	1.14	1.21	1.34	1.41	1.48	1.61	1.68	1.88	2.01	2.15	2.42	2.82
90	1.06	1.13	1.21	1.29	1.36	1.51	1.59	1.66	1.81	1.89	2.11	2.27	2.42	2.72	3.17
100	1.18	1.26	1.34	1.43	1.51	1.68	1.76	1.85	2.01	2.10	2.35	2.52	2.69	3.02	3.52
200	2.35	2.52	2.69	2.85	3.02	3.36	3.52	3.69	4.03	4.19	4.69	5.03	5.36	6.03	7.03
300	3.52	3.77	4.03	4.28	4.53	5.03	5.28	5.53	6.03	6.28	7.03	7.53	8.02	9.02	10.50
400	4.69	5.03	5.36	5.70	6.03	6.69	7.03	7.36	8.02	8.36	9.35	10.01	10.66	11.97	13.92
500	5.86	6.28	6.69	7.11	7.53	8.36	8.77	9.18	10.01	10.42	11.64	12.46	13.27	14.88	17.27
600	7.03	7.53	8.02	8.52	9.02	10.01	10.50	10.99	11.97	12.46	13.92	14.88	15.84	17.74	20.53
700	8.19	8.77	9.35	9.92	10.50	11.64	12.22	12.78	13.92	14.48	16.16	17.27	18.36	20.53	23.69
800	9.35	10.01	10.66	11.32	11.97	13.27	13.92	14.56	15.84	16.48	18.36	19.61	20.84	23.24	26.72
900	10.50	11.24	11.97	12.71	13.43	14.88	15.60	16.32	17.74	18.44	20.53	21.90	23.24	25.87	29.62
1000	11.64	12.46	13.27	14.08	14.88	16.48	17.27	18.05	19.61	20.38	22.65	24.13	25.58	28.40	32.37
1100	12.78	13.68	14.56	15.44	16.32	18.05	18.91	19.76	21.44	22.27	24.71	26.30	27.85	30.82	34.93
1200	13.92	14.88	15.84	16.79	17.74	19.61	20.53	21.44	23.24	24.13	26.72	28.40	30.03	33.12	37.31
1300	15.04	16.08	17.11	18.13	19.14	21.14	22.12	23.10	25.00	25.94	28.67	30.42	32.11	35.29	39.48
1400	16.16	17.27	18.36	19.45	20.53	22.65	23.69	24.71	26.72	27.71	30.56	32.37	34.10	37.31	41.42
1500	17.27	18.44	19.61	20.76	21.90	24.13	25.22	26.30	28.40	29.42	32.37	34.22	35.98	39.18	43.13
1600	18.36	19.61	20.83	22.05	23.24	25.58	26.72	27.85	30.02	31.08	34.10	35.98	37.74	40.89	44.57
1700	19.45	20.76	22.05	23.32	24.57	27.01	28.19	29.35	31.60	32.68	35.75	37.63	39.38	42.43	45.73
1800	20.53	21.90	23.24	24.57	25.87	28.40	29.62	30.82	33.12	34.22	37.31	39.18	40.89	43.78	46.60
1900	21.59	23.02	24.42	25.80	27.15	29.76	31.01	32.24	34.58	35.69	38.78	40.62	42.27	44.93	47.16
2000	22.65	24.13	25.58	27.01	28.40	31.08	32.37	33.61	35.98	37.09	40.15	41.94	43.49	45.87	47.38
2100	23.69	25.22	26.72	28.19	29.62	32.37	33.67	34.93	37.31	38.42	41.42	43.13	44.57	46.60	
2200	24.71	26.30	27.85	29.35	30.82	33.61	34.93	36.20	38.58	39.68	42.59	44.18	45.48	47.09	
2300	25.73	27.36	28.95	30.49	31.98	34.82	36.15	37.42	39.77	40.85	43.64	45.10	46.22	47.35	
2400	26.72	28.40	30.02	31.60	33.12	35.98	37.31	38.58	40.89	41.94	44.57	45.87	46.79	47.36	
2500	27.71	29.42	31.08	32.68	34.22	37.09	38.42	39.68	41.93	42.94	45.37	46.49	47.17		
2600	28.67	30.42	32.11	33.73	35.29	38.16	39.48	40.71	42.90	43.85	46.05	46.96	47.36		
2700	29.62	31.41	33.12	34.76	36.32	39.18	40.48	41.68	43.78	44.66	46.60	47.25	47.36		
2800	30.56	32.37	34.10	35.75	37.31	40.15	41.42	42.59	44.57	45.37	47.00	47.38			
3000	32.37	34.22	35.98	37.64	39.18	41.93	43.13	44.18	45.87	46.49	47.38				
3200	34.10	35.98	37.74	39.38	40.89	43.49	44.57	45.48	46.79	47.17					
3400	35.75	37.63	39.38	40.98	42.43	44.81	45.73	46.46	47.29	47.38					
3600	37.31	39.18	40.89	42.43	43.78	45.87	46.60	47.09							
3800	38.78	40.62	42.27	43.71	44.93	46.66	47.16	47.37							
4000	40.16	41.94	43.49	44.81	45.87	47.17	47.38								
4200	41.42	43.13	44.57	45.73	46.60	47.38									
4400	42.59	44.18	45.48	46.46	47.09										
4600	43.64	45.10	46.22	46.98	47.35										
4800	44.57	45.87	46.79	47.29											
5000	45.37	46.49	47.17	47.38											

Power rating- (kW) PIX-X'act®-STD S14M Section Belt with 40mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	28	30	32	34	36	40	42	44	48	50	56	60	64	72	84
575	9.30	9.96	10.62	11.28	11.94	13.25	13.90	14.56	15.85	16.50	18.44	19.72	20.99	23.52	27.24
690	11.15	11.94	12.73	13.51	14.29	15.85	16.63	17.41	18.95	19.72	22.01	23.52	25.02	27.97	32.28
870	14.02	15.01	15.99	16.97	17.95	19.89	20.85	21.81	23.71	24.66	27.46	29.30	31.11	34.65	39.73
1160	18.59	19.89	21.17	22.45	23.71	26.22	27.46	28.69	31.11	32.30	35.80	38.07	40.28	44.49	50.25
1750	27.61	29.46	31.27	33.07	34.83	38.26	39.93	41.55	44.69	46.20	50.46	53.06	55.45	59.55	63.80
3450	49.92	52.52	54.92	57.12	59.08	62.28	63.49	64.42	65.39	---	---	---	---	---	---
20	0.32	0.35	0.37	0.39	0.42	0.46	0.49	0.51	0.56	0.58	0.65	0.70	0.74	0.84	0.97
40	0.65	0.70	0.74	0.79	0.84	0.93	0.97	1.02	1.11	1.16	1.30	1.39	1.48	1.67	1.95
60	0.97	1.04	1.11	1.18	1.25	1.39	1.46	1.53	1.67	1.74	1.95	2.09	2.22	2.50	2.92
80	1.30	1.39	1.48	1.58	1.67	1.85	1.95	2.04	2.22	2.32	2.60	2.78	2.97	3.34	3.89
90	1.46	1.57	1.67	1.77	1.88	2.09	2.19	2.29	2.50	2.61	2.92	3.13	3.34	3.76	4.38
100	1.62	1.74	1.85	1.97	2.09	2.32	2.43	2.55	2.78	2.90	3.25	3.48	3.71	4.17	4.86
200	3.25	3.48	3.71	3.94	4.17	4.63	4.87	5.10	5.56	5.79	6.48	6.94	7.40	8.33	9.71
300	4.87	5.21	5.56	5.90	6.25	6.94	7.29	7.64	8.33	8.67	9.71	10.39	11.08	12.45	14.50
400	6.48	6.94	7.40	7.86	8.33	9.25	9.71	10.16	11.08	11.54	12.91	13.82	14.73	16.53	19.22
500	8.10	8.67	9.25	9.82	10.39	11.54	12.11	12.68	13.82	14.38	16.08	17.21	18.33	20.55	23.84
600	9.71	10.39	11.08	11.77	12.45	13.82	14.50	15.18	16.53	17.21	19.22	20.55	21.87	24.50	28.35
700	11.31	12.11	12.91	13.71	14.50	16.08	16.87	17.66	19.22	20.00	22.32	23.84	25.36	28.35	32.71
800	12.91	13.82	14.73	15.63	16.53	18.33	19.22	20.11	21.87	22.75	25.36	27.08	28.77	32.10	36.91
900	14.50	15.52	16.53	17.55	18.55	20.55	21.55	22.54	24.50	25.47	28.35	30.24	32.10	35.73	40.91
1000	16.08	17.21	18.33	19.44	20.55	22.75	23.84	24.93	27.08	28.14	31.27	33.32	35.33	39.22	44.69
1100	17.66	18.88	20.11	21.33	22.54	24.93	26.11	27.29	29.61	30.76	34.13	36.32	38.45	42.56	48.24
1200	19.22	20.55	21.87	23.19	24.50	27.08	28.35	29.61	32.10	33.32	36.91	39.22	41.46	45.73	51.52
1300	20.77	22.21	23.63	25.04	26.44	29.19	30.55	31.89	34.53	35.83	39.60	42.01	44.34	48.73	54.52
1400	22.32	23.84	25.36	26.86	28.35	31.27	32.71	34.13	36.91	38.26	42.20	44.69	47.09	51.52	57.21
1500	23.84	25.47	27.08	28.67	30.24	33.32	34.83	36.32	39.22	40.63	44.69	47.25	49.68	54.11	59.55
1600	25.36	27.08	28.77	30.45	32.10	35.33	36.91	38.45	41.46	42.92	47.09	49.68	52.12	56.47	61.54
1700	26.86	28.67	30.45	32.20	33.93	37.29	38.93	40.54	43.64	45.13	49.37	51.97	54.39	58.59	63.15
1800	28.35	30.24	32.10	33.93	35.73	39.22	40.91	42.56	45.73	47.26	51.52	54.11	56.47	60.45	64.35
1900	29.82	31.79	33.73	35.63	37.49	41.09	42.83	44.52	47.75	49.29	53.55	56.09	58.37	62.05	65.12
2000	31.28	33.32	35.33	37.30	39.22	42.92	44.69	46.41	49.68	51.23	55.45	57.91	60.06	63.35	65.43
2100	32.71	34.83	36.91	38.93	40.91	44.69	46.50	48.24	51.52	53.06	57.21	59.55	61.54	64.35	
2200	34.13	36.32	38.45	40.54	42.56	46.41	48.24	50.00	53.27	54.79	58.81	61.01	62.81	65.04	
2300	35.53	37.78	39.97	42.11	44.17	48.08	49.92	51.68	54.92	56.41	60.26	62.28	63.83	65.39	
2400	36.91	39.22	41.46	43.64	45.73	49.68	51.53	53.27	56.47	57.91	61.54	63.35	64.61	65.40	
2500	38.26	40.63	42.92	45.13	47.26	51.22	53.06	54.79	57.91	59.29	62.66	64.21	65.14		
2600	39.60	42.01	44.34	46.59	48.73	52.70	54.52	56.22	59.24	60.55	63.60	64.84	65.41		
2700	40.91	43.37	45.73	48.00	50.15	54.11	55.90	57.56	60.45	61.67	64.35	65.26	65.40		
2800	42.20	44.69	47.09	49.37	51.52	55.45	57.21	58.81	61.54	62.66	64.91	65.43			
3000	44.69	47.25	49.68	51.97	54.11	57.91	59.55	61.01	63.35	64.21	65.43				
3200	47.09	49.68	52.12	54.39	56.47	60.06	61.55	62.81	64.61	65.14					
3400	49.37	51.97	54.38	56.60	58.59	61.88	63.15	64.15	65.31	65.44					
3600	51.53	54.11	56.47	58.59	60.45	63.35	64.35	65.04							
3800	53.56	56.09	58.37	60.36	62.05	64.44	65.12	65.42							
4000	55.45	57.91	60.06	61.88	63.35	65.14	65.43								
4200	57.21	59.55	61.54	63.15	64.35	65.43									
4400	58.81	61.01	62.81	64.15	65.04										
4600	60.26	62.28	63.83	64.88	65.39										
4800	61.55	63.35	64.61	65.31											
5000	62.66	64.21	65.14	65.44											

Power rating- (kW) PIX-X'act®-STD S14M Section Belt with 50mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	28	30	32	34	36	40	42	44	48	50	56	60	64	72	84
575	11.87	12.71	13.55	14.39	15.23	16.91	17.74	18.57	20.23	21.06	23.52	25.16	26.78	30.01	34.75
690	14.23	15.23	16.24	17.24	18.24	20.23	21.22	22.21	24.18	25.16	28.08	30.01	31.92	35.69	41.19
870	17.89	19.15	20.40	21.65	22.90	25.37	26.60	27.83	30.25	31.46	35.04	37.38	39.69	44.21	50.69
1160	23.72	25.37	27.01	28.64	30.25	33.46	35.04	36.60	39.69	41.21	45.68	48.57	51.39	56.76	64.11
1750	35.22	37.58	39.90	42.19	44.44	48.82	50.94	53.02	57.02	58.95	64.38	67.70	70.75	75.98	81.40
3450	63.69	67.01	70.07	72.87	75.38	79.46	81.00	82.19	83.43	---	---	---	---	---	---
20	0.41	0.44	0.47	0.50	0.53	0.59	0.62	0.65	0.71	0.74	0.83	0.89	0.95	1.07	1.24
40	0.83	0.89	0.95	1.01	1.07	1.18	1.24	1.30	1.42	1.48	1.66	1.78	1.89	2.13	2.48
60	1.24	1.33	1.42	1.51	1.60	1.78	1.86	1.95	2.13	2.22	2.48	2.66	2.84	3.19	3.73
80	1.66	1.78	1.89	2.01	2.13	2.36	2.48	2.60	2.84	2.96	3.31	3.55	3.79	4.26	4.97
90	1.86	2.00	2.13	2.26	2.39	2.66	2.79	2.93	3.19	3.33	3.73	3.99	4.26	4.79	5.59
100	2.07	2.22	2.36	2.51	2.66	2.96	3.10	3.25	3.55	3.70	4.14	4.44	4.73	5.32	6.20
200	4.14	4.44	4.73	5.02	5.32	5.91	6.21	6.50	7.09	7.39	8.27	8.86	9.45	10.62	12.38
300	6.21	6.65	7.09	7.53	7.98	8.86	9.30	9.74	10.62	11.06	12.38	13.26	14.14	15.89	18.50
400	8.27	8.86	9.45	10.03	10.62	11.80	12.38	12.97	14.14	14.72	16.47	17.63	18.79	21.09	24.52
500	10.33	11.06	11.80	12.53	13.26	14.72	15.45	16.18	17.63	18.35	20.52	21.95	23.38	26.22	30.42
600	12.38	13.26	14.14	15.01	15.89	17.63	18.50	19.37	21.09	21.95	24.52	26.22	27.91	31.25	36.17
700	14.43	15.45	16.47	17.49	18.50	20.52	21.52	22.53	24.52	25.52	28.47	30.42	32.36	36.17	41.74
800	16.47	17.63	18.79	19.94	21.09	23.38	24.52	25.66	27.91	29.03	32.36	34.55	36.71	40.95	47.09
900	18.50	19.80	21.09	22.39	23.67	26.22	27.49	28.75	31.25	32.49	36.17	38.58	40.96	45.58	52.19
1000	20.52	21.95	23.38	24.80	26.22	29.03	30.42	31.81	34.55	35.90	39.90	42.51	45.08	50.04	57.02
1100	22.53	24.09	25.66	27.21	28.75	31.81	33.32	34.82	37.78	39.24	43.55	46.34	49.06	54.30	61.55
1200	24.52	26.22	27.91	29.59	31.25	34.55	36.17	37.78	40.95	42.51	47.09	50.04	52.90	58.35	65.74
1300	26.50	28.33	30.14	31.95	33.73	37.24	38.98	40.69	44.06	45.71	50.52	53.60	56.58	62.17	69.56
1400	28.47	30.42	32.36	34.27	36.17	39.90	41.74	43.55	47.09	48.82	53.84	57.02	60.08	65.74	72.99
1500	30.42	32.49	34.55	36.57	38.58	42.51	44.44	46.34	50.04	51.84	57.02	60.29	63.39	69.04	75.98
1600	32.36	34.55	36.71	38.85	40.95	45.07	47.09	49.06	52.90	54.76	60.08	63.39	66.50	72.05	78.52
1700	34.27	36.57	38.85	41.08	43.29	47.58	49.67	51.72	55.67	57.58	62.99	66.31	69.39	74.75	80.57
1800	36.17	38.58	40.95	43.29	45.58	50.04	52.19	54.30	58.35	60.29	65.74	69.04	72.05	77.13	82.10
1900	38.05	40.56	43.03	45.45	47.83	52.43	54.65	56.80	60.92	62.89	68.33	71.57	74.47	79.16	83.08
2000	39.90	42.51	45.07	47.59	50.04	54.76	57.02	59.22	63.39	65.36	70.75	73.89	76.63	80.82	83.48
2100	41.74	44.44	47.09	49.67	52.19	57.02	59.33	61.55	65.74	67.70	72.99	75.98	78.52	82.10	
2200	43.55	46.34	49.06	51.72	54.30	59.22	61.55	63.79	67.97	69.91	75.03	77.84	80.13	82.98	
2300	45.33	48.20	51.00	53.72	56.35	61.34	63.69	65.93	70.07	71.97	76.88	79.46	81.44	83.43	
2400	47.09	50.04	52.90	55.67	58.35	63.39	65.74	67.97	72.05	73.89	78.52	80.82	82.44	83.44	
2500	48.82	51.84	54.76	57.58	60.29	65.35	67.70	69.90	73.89	75.65	79.95	81.92	83.11		
2600	50.52	53.60	56.58	59.44	62.17	67.24	69.56	71.73	75.58	77.25	81.14	82.73	83.45		
2700	52.19	55.33	58.35	61.24	63.99	69.04	71.32	73.44	77.13	78.69	82.10	83.26	83.44		
2800	53.84	57.02	60.08	62.99	65.74	70.75	72.99	75.04	78.52	79.95	82.82	83.48			
3000	57.02	60.29	63.39	66.31	69.04	73.89	75.98	77.84	80.82	81.92	83.48				
3200	60.08	63.39	66.50	69.39	72.05	76.63	78.53	80.13	82.44	83.11					
3400	62.99	66.31	69.39	72.21	74.75	78.95	80.57	81.85	83.32	83.49					
3600	65.74	69.04	72.05	74.75	77.13	80.82	82.10	82.98							
3800	68.33	71.57	74.47	77.01	79.16	82.22	83.08	83.47							
4000	70.75	73.89	76.63	78.95	80.82	83.11	83.48								
4200	72.99	75.98	78.52	80.57	82.10	83.48									
4400	75.04	77.84	80.13	81.85	82.98										
4600	76.88	79.46	81.44	82.78	83.43										
4800	78.53	80.82	82.44	83.33											
5000	79.95	81.92	83.11	83.49											

Power rating- (kW) PIX-X'act®-STD S14M Section Belt with 60mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	28	30	32	34	36	40	42	44	48	50	56	60	64	72	84
575	14.44	15.46	16.48	17.51	18.53	20.56	21.57	22.59	24.60	25.61	28.61	30.60	32.58	36.50	42.26
690	17.30	18.53	19.75	20.97	22.18	24.60	25.81	27.01	29.41	30.60	34.15	36.50	38.82	43.40	50.09
870	21.76	23.29	24.81	26.33	27.85	30.86	32.36	33.84	36.80	38.26	42.61	45.46	48.28	53.77	61.65
1160	28.85	30.86	32.85	34.83	36.80	40.69	42.61	44.51	48.27	50.13	55.56	59.07	62.50	69.03	77.97
1750	42.84	45.71	48.53	51.31	54.05	59.37	61.96	64.48	69.35	71.69	78.30	82.34	86.05	92.41	99.00
3450	77.46	81.50	85.23	88.63	91.68	96.64	98.52	99.96	101.47	---	---	---	---	---	---
20	0.50	0.54	0.58	0.61	0.65	0.72	0.76	0.79	0.86	0.90	1.01	1.08	1.15	1.30	1.51
40	1.01	1.08	1.15	1.22	1.30	1.44	1.51	1.58	1.73	1.80	2.02	2.16	2.30	2.59	3.02
60	1.51	1.62	1.73	1.84	1.94	2.16	2.27	2.38	2.59	2.70	3.02	3.24	3.45	3.88	4.53
80	2.02	2.16	2.30	2.45	2.59	2.88	3.02	3.16	3.45	3.60	4.03	4.32	4.60	5.18	6.04
90	2.27	2.43	2.59	2.75	2.91	3.24	3.40	3.56	3.88	4.05	4.53	4.86	5.18	5.83	6.80
100	2.52	2.70	2.88	3.06	3.24	3.60	3.78	3.96	4.32	4.50	5.04	5.40	5.76	6.47	7.55
200	5.04	5.40	5.76	6.11	6.47	7.19	7.55	7.91	8.63	8.98	10.06	10.77	11.49	12.92	15.06
300	7.55	8.09	8.63	9.16	9.70	10.77	11.31	11.85	12.92	13.46	15.06	16.13	17.19	19.32	22.50
400	10.06	10.77	11.49	12.20	12.92	14.35	15.06	15.77	17.19	17.91	20.03	21.44	22.85	25.65	29.82
500	12.56	13.46	14.35	15.24	16.13	17.91	18.79	19.67	21.44	22.32	24.95	26.70	28.44	31.89	37.00
600	15.06	16.13	17.19	18.26	19.32	21.44	22.50	23.55	25.65	26.70	29.82	31.89	33.94	38.01	43.99
700	17.55	18.79	20.03	21.27	22.50	24.95	26.18	27.40	29.82	31.03	34.63	37.00	39.35	43.99	50.76
800	20.03	21.44	22.85	24.26	25.65	28.44	29.83	31.20	33.94	35.31	39.35	42.02	44.65	49.81	57.27
900	22.50	24.08	25.65	27.23	28.79	31.89	33.44	34.97	38.01	39.52	43.99	46.92	49.81	55.44	63.48
1000	24.95	26.70	28.44	30.17	31.89	35.31	37.00	38.68	42.02	43.66	48.53	51.71	54.82	60.85	69.35
1100	27.40	29.30	31.20	33.09	34.97	38.68	40.52	42.35	45.95	47.73	52.96	56.35	59.67	66.04	74.86
1200	29.83	31.89	33.94	35.99	38.01	42.02	43.99	45.95	49.81	51.71	57.27	60.85	64.34	70.97	79.95
1300	32.23	34.46	36.66	38.85	41.02	45.30	47.41	49.49	53.58	55.59	61.44	65.19	68.81	75.61	84.60
1400	34.63	37.00	39.35	41.68	43.99	48.53	50.76	52.96	57.27	59.37	65.48	69.35	73.07	79.95	88.77
1500	37.00	39.52	42.02	44.48	46.92	51.71	54.05	56.35	60.85	63.05	69.35	73.32	77.09	83.97	92.41
1600	39.35	42.02	44.64	47.25	49.81	54.82	57.27	59.67	64.34	66.60	73.07	77.09	80.87	87.63	95.50
1700	41.68	44.48	47.25	49.97	52.65	57.87	60.41	62.90	67.71	70.03	76.60	80.64	84.39	90.92	97.99
1800	43.99	46.92	49.81	52.65	55.44	60.85	63.48	66.04	70.97	73.33	79.95	83.97	87.63	93.81	99.86
1900	46.27	49.33	52.34	55.28	58.18	63.77	66.46	69.08	74.09	76.48	83.10	87.04	90.57	96.28	101.05
2000	48.53	51.71	54.82	57.87	60.85	66.60	69.35	72.02	77.09	79.49	86.04	89.87	93.20	98.30	101.53
2100	50.76	54.05	57.27	60.41	63.48	69.35	72.16	74.86	79.95	82.34	88.77	92.41	95.50	99.86	
2200	52.96	56.35	59.67	62.90	66.04	72.02	74.86	77.58	82.67	85.02	91.26	94.68	97.46	100.92	
2300	55.13	58.63	62.03	65.34	68.54	74.61	77.46	80.19	85.23	87.53	93.51	96.64	99.05	101.47	
2400	57.27	60.85	64.34	67.71	70.97	77.09	79.96	82.67	87.63	89.87	95.50	98.30	100.26	101.48	
2500	59.37	63.05	66.60	70.03	73.33	79.48	82.34	85.02	89.86	92.01	97.23	99.63	101.08		
2600	61.44	65.19	68.81	72.29	75.61	81.78	84.60	87.24	91.93	93.96	98.69	100.62	101.49		
2700	63.48	67.30	70.97	74.48	77.82	83.97	86.75	89.32	93.81	95.70	99.86	101.26	101.48		
2800	65.48	69.35	73.07	76.60	79.95	86.04	88.77	91.26	95.50	97.23	100.72	101.53			
3000	69.35	73.32	77.09	80.65	83.97	89.86	92.41	94.68	98.30	99.63	101.53				
3200	73.07	77.09	80.87	84.39	87.63	93.20	95.50	97.46	100.26	101.08					
3400	76.60	80.64	84.39	87.82	90.92	96.02	97.99	99.55	101.34	101.54					
3600	79.96	83.97	87.63	90.92	93.81	98.30	99.86	100.92							
3800	83.11	87.04	90.57	93.66	96.28	99.99	101.05	101.52							
4000	86.05	89.87	93.20	96.03	98.30	101.08	101.53								
4200	88.77	92.41	95.50	98.00	99.86	101.53									
4400	91.26	94.68	97.46	99.55	100.92										
4600	93.51	96.64	99.05	100.67	101.47										
4800	95.50	98.30	100.26	101.34											
5000	97.23	99.63	101.08	101.54											

Power rating- (kW) PIX-X'act®-STD S14M Section Belt with 80mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	28	30	32	34	36	40	42	44	48	50	56	60	64	72	84
575	20.21	21.65	23.08	24.51	25.94	28.78	30.20	31.62	34.44	35.85	40.06	42.84	45.61	51.09	59.17
690	24.22	25.94	27.64	29.35	31.05	34.44	36.14	37.82	41.17	42.84	47.81	51.09	54.34	60.76	70.13
870	30.46	32.60	34.74	36.87	38.99	43.20	45.30	47.38	51.52	53.57	59.65	63.65	67.59	75.28	86.30
1160	40.40	43.20	45.99	48.76	51.52	56.96	59.65	62.32	67.58	70.18	77.78	82.70	87.49	96.64	109.15
1750	59.98	63.99	67.94	71.84	75.67	83.12	86.74	90.27	97.10	100.37	109.62	115.27	120.47	129.38	138.61
3450	108.44	114.10	119.32	124.08	128.35	135.30	137.93	139.95	142.05	---	---	---	---	---	---
20	0.71	0.76	0.81	0.86	0.91	1.01	1.06	1.11	1.21	1.26	1.41	1.51	1.61	1.81	2.12
40	1.41	1.51	1.61	1.71	1.81	2.02	2.12	2.22	2.42	2.52	2.82	3.02	3.23	3.63	4.23
60	2.12	2.27	2.42	2.57	2.72	3.02	3.18	3.33	3.63	3.78	4.23	4.53	4.83	5.44	6.34
80	2.82	3.02	3.23	3.43	3.63	4.03	4.23	4.43	4.83	5.03	5.64	6.04	6.44	7.25	8.45
90	3.18	3.40	3.63	3.86	4.08	4.53	4.76	4.98	5.44	5.66	6.34	6.80	7.25	8.16	9.51
100	3.53	3.78	4.03	4.28	4.53	5.03	5.29	5.54	6.04	6.29	7.05	7.55	8.06	9.06	10.57
200	7.05	7.55	8.06	8.56	9.06	10.07	10.57	11.07	12.08	12.57	14.08	15.08	16.08	18.09	21.09
300	10.57	11.32	12.08	12.83	13.58	15.08	15.84	16.59	18.09	18.84	21.09	22.58	24.07	27.05	31.49
400	14.08	15.08	16.08	17.09	18.09	20.08	21.09	22.08	24.07	25.07	28.04	30.02	31.99	35.92	41.75
500	17.59	18.84	20.08	21.33	22.58	25.07	26.31	27.54	30.02	31.25	34.93	37.38	39.82	44.65	51.80
600	21.09	22.58	24.07	25.57	27.05	30.02	31.50	32.97	35.92	37.38	41.75	44.65	47.52	53.22	61.59
700	24.57	26.31	28.04	29.77	31.50	34.93	36.65	38.35	41.75	43.44	48.48	51.80	55.09	61.59	71.06
800	28.04	30.02	31.99	33.96	35.92	39.81	41.76	43.68	47.52	49.43	55.09	58.82	62.51	69.73	80.17
900	31.50	33.71	35.92	38.12	40.30	44.65	46.81	48.96	53.22	55.33	61.59	65.69	69.73	77.61	88.87
1000	34.93	37.38	39.81	42.24	44.65	49.43	51.80	54.15	58.82	61.13	67.94	72.39	76.75	85.19	97.10
1100	38.35	41.03	43.68	46.33	48.96	54.15	56.73	59.28	64.33	66.82	74.14	78.89	83.54	92.45	104.80
1200	41.76	44.65	47.52	50.38	53.22	58.82	61.59	64.33	69.73	72.39	80.17	85.19	90.08	99.35	111.93
1300	45.13	48.24	51.33	54.39	57.43	63.42	66.37	69.29	75.01	77.83	86.02	91.27	96.33	105.86	118.44
1400	48.48	51.80	55.09	58.36	61.59	67.94	71.06	74.14	80.17	83.12	91.67	97.10	102.29	111.93	124.27
1500	51.80	55.33	58.82	62.28	65.69	72.39	75.67	78.89	85.19	88.26	97.10	102.65	107.93	117.55	129.38
1600	55.09	58.82	62.50	66.14	69.73	76.75	80.17	83.54	90.07	93.24	102.29	107.93	113.22	122.68	133.70
1700	58.36	62.28	66.14	69.96	73.70	81.02	84.58	88.06	94.80	98.04	107.24	112.90	118.15	127.29	137.19
1800	61.59	65.69	69.73	73.71	77.61	85.19	88.87	92.45	99.35	102.66	111.93	117.55	122.68	131.33	139.80
1900	64.78	69.06	73.27	77.40	81.45	89.27	93.04	96.72	103.73	107.07	116.34	121.86	126.80	134.79	141.47
2000	67.95	72.39	76.75	81.02	85.19	93.24	97.10	100.83	107.93	111.28	120.46	125.81	130.48	137.62	142.14
2100	71.06	75.67	80.17	84.58	88.87	97.10	101.02	104.80	111.93	115.27	124.27	129.38	133.70	139.80	
2200	74.14	78.89	83.54	88.06	92.45	100.83	104.80	108.61	115.73	119.03	127.76	132.55	136.44	141.28	
2300	77.18	82.08	86.84	91.47	95.95	104.45	108.44	112.26	119.32	122.55	130.91	135.30	138.67	142.05	
2400	80.17	85.19	90.07	94.80	99.35	107.93	111.94	115.73	122.68	125.81	133.70	137.62	140.37	142.07	
2500	83.12	88.26	93.24	98.04	102.66	111.28	115.27	119.03	125.80	128.81	136.12	139.48	141.52		
2600	86.02	91.27	96.33	101.20	105.86	114.49	118.45	122.14	128.70	131.54	138.16	140.87	142.09		
2700	88.87	94.22	99.35	104.27	108.95	117.55	121.45	125.05	131.33	133.98	139.80	141.76	142.07		
2800	91.67	97.10	102.29	107.24	111.93	120.46	124.27	127.76	133.70	136.12	141.01	142.14			
3000	97.10	102.65	107.93	112.91	117.55	125.80	129.38	132.55	137.62	139.48	142.14				
3200	102.29	107.93	113.22	118.15	122.68	130.48	133.70	136.44	140.37	141.52					
3400	107.24	112.90	118.14	122.95	127.29	134.43	137.19	139.37	141.88	142.15					
3600	111.94	117.55	122.68	127.29	131.33	137.62	139.80	141.28							
3800	116.35	121.86	126.80	131.12	134.79	139.99	141.47	142.12							
4000	120.47	125.81	130.48	134.44	137.62	141.52	142.14								
4200	124.27	129.38	133.70	137.20	139.80	142.14									
4400	127.76	132.55	136.44	139.37	141.28										
4600	130.91	135.30	138.67	140.94	142.05										
4800	133.70	137.62	140.37	141.88											
5000	136.12	139.48	141.52	142.15											

Power rating- (kW) PIX-X'act®-STD S14M Section Belt with 100mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	28	30	32	34	36	40	42	44	48	50	56	60	64	72	84
575	25.98	27.83	29.67	31.51	33.35	37.01	38.83	40.65	44.28	46.10	51.50	55.08	58.64	65.69	76.08
690	31.14	33.35	35.54	37.74	39.92	44.28	46.46	48.62	52.93	55.08	61.47	65.69	69.87	78.12	90.17
870	39.16	41.92	44.66	47.40	50.13	55.54	58.24	60.92	66.23	68.87	76.70	81.83	86.90	96.79	110.96
1160	51.94	55.54	59.13	62.69	66.23	73.24	76.70	80.13	86.89	90.23	100.00	106.33	112.49	124.25	140.34
1750	77.11	82.27	87.35	92.36	97.29	106.87	111.52	116.06	124.84	129.05	140.94	148.21	154.89	166.34	178.21
3450	139.43	146.70	153.41	159.53	165.02	173.96	177.33	179.93	182.64	---	---	---	---	---	---
20	0.91	0.97	1.04	1.10	1.17	1.30	1.36	1.43	1.56	1.62	1.81	1.94	2.07	2.33	2.72
40	1.81	1.94	2.07	2.20	2.33	2.59	2.72	2.85	3.11	3.24	3.63	3.89	4.15	4.67	5.44
60	2.72	2.92	3.11	3.30	3.50	3.89	4.08	4.28	4.67	4.86	5.44	5.82	6.21	6.99	8.16
80	3.63	3.89	4.15	4.41	4.67	5.18	5.44	5.69	6.21	6.47	7.25	7.77	8.29	9.32	10.87
90	4.08	4.37	4.67	4.96	5.24	5.82	6.12	6.41	6.99	7.28	8.16	8.74	9.32	10.49	12.23
100	4.54	4.86	5.18	5.50	5.82	6.47	6.80	7.12	7.77	8.09	9.06	9.71	10.36	11.65	13.58
200	9.06	9.71	10.36	11.00	11.65	12.94	13.59	14.23	15.53	16.17	18.10	19.39	20.68	23.26	27.11
300	13.59	14.56	15.53	16.49	17.46	19.39	20.36	21.33	23.26	24.22	27.11	29.03	30.95	34.78	40.49
400	18.10	19.39	20.68	21.97	23.26	25.82	27.11	28.39	30.95	32.23	36.05	38.60	41.13	46.18	53.68
500	22.62	24.22	25.82	27.43	29.03	32.23	33.83	35.41	38.60	40.18	44.91	48.06	51.19	57.40	66.60
600	27.11	29.03	30.95	32.87	34.78	38.60	40.50	42.40	46.18	48.06	53.68	57.40	61.10	68.42	79.19
700	31.59	33.83	36.05	38.28	40.50	44.91	47.12	49.31	53.68	55.86	62.33	66.60	70.83	79.19	91.37
800	36.05	38.60	41.13	43.66	46.18	51.18	53.69	56.17	61.10	63.55	70.83	75.63	80.37	89.65	103.08
900	40.50	43.34	46.18	49.01	51.82	57.40	60.18	62.95	68.42	71.13	79.19	84.46	89.66	99.78	114.26
1000	44.91	48.06	51.18	54.30	57.40	63.55	66.60	69.63	75.63	78.59	87.35	93.07	98.68	109.54	124.84
1100	49.31	52.75	56.17	59.57	62.95	69.63	72.94	76.22	82.71	85.91	95.33	101.44	107.41	118.87	134.74
1200	53.69	57.40	61.10	64.78	68.42	75.63	79.19	82.71	89.65	93.07	103.08	109.54	115.81	127.74	143.91
1300	58.02	62.02	65.99	69.94	73.84	81.53	85.33	89.08	96.45	100.07	110.60	117.34	123.86	136.10	152.28
1400	62.33	66.60	70.83	75.03	79.19	87.35	91.37	95.33	103.08	106.87	117.86	124.84	131.52	143.91	159.78
1500	66.60	71.13	75.63	80.07	84.46	93.07	97.29	101.44	109.54	113.48	124.84	131.98	138.77	151.14	166.34
1600	70.83	75.63	80.36	85.04	89.65	98.67	103.08	107.41	115.81	119.88	131.52	138.77	145.57	157.73	171.90
1700	75.03	80.07	85.04	89.94	94.76	104.17	108.74	113.22	121.88	126.05	137.89	145.16	151.91	163.65	176.39
1800	79.19	84.46	89.65	94.77	99.78	109.54	114.26	118.87	127.74	131.99	143.91	151.14	157.73	168.85	179.74
1900	83.29	88.79	94.20	99.51	104.72	114.78	119.63	124.35	133.37	137.67	149.58	156.68	163.03	173.30	181.89
2000	87.36	93.07	98.67	104.17	109.54	119.88	124.84	129.64	138.77	143.08	154.88	161.76	167.76	176.94	182.75
2100	91.37	97.29	103.08	108.74	114.26	124.84	129.88	134.74	143.91	148.21	159.78	166.34	171.90	179.74	
2200	95.33	101.44	107.41	113.22	118.87	129.64	134.74	139.64	148.80	153.04	164.26	170.42	175.42	181.65	
2300	99.23	105.53	111.65	117.60	123.36	134.29	139.43	144.33	153.41	157.56	168.31	173.96	178.29	182.64	
2400	103.08	109.54	115.81	121.88	127.74	138.77	143.92	148.80	157.73	161.76	171.90	176.94	180.48	182.66	
2500	106.87	113.48	119.88	126.05	131.99	143.07	148.21	153.03	161.75	165.61	175.02	179.33	181.95		
2600	110.60	117.34	123.86	130.12	136.10	147.20	152.29	157.03	165.47	169.12	177.63	181.12	182.69		
2700	114.26	121.14	127.74	134.06	140.08	151.14	156.14	160.78	168.85	172.26	179.74	182.27	182.66		
2800	117.86	124.84	131.52	137.89	143.91	154.88	159.78	164.27	171.90	175.02	181.30	182.75			
3000	124.84	131.98	138.77	145.17	151.14	161.75	166.34	170.42	176.94	179.33	182.75				
3200	131.52	138.77	145.57	151.91	157.73	167.76	171.91	175.42	180.48	181.95					
3400	137.89	145.16	151.90	158.08	163.65	172.84	176.39	179.19	182.41	182.77					
3600	143.92	151.14	157.73	163.65	168.85	176.94	179.74	181.65							
3800	149.59	156.68	163.03	168.59	173.30	179.99	181.89	182.73							
4000	154.89	161.76	167.76	172.85	176.94	181.95	182.75								
4200	159.78	166.34	171.90	176.39	179.74	182.75									
4400	164.27	170.42	175.42	179.19	181.65										
4600	168.31	173.96	178.29	181.21	182.64										
4800	171.91	176.94	180.48	182.42											
5000	175.02	179.33	181.95	182.77											

Power rating- (kW) PIX-X'act®-STD S14M Section Belt with 120mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	28	30	32	34	36	40	42	44	48	50	56	60	64	72	84
575	32.08	34.36	36.63	38.90	41.17	45.69	47.94	50.19	54.67	56.91	63.58	68.00	72.39	81.10	93.92
690	38.45	41.17	43.88	46.59	49.29	54.67	57.36	60.03	65.35	68.00	75.89	81.10	86.26	96.45	111.32
870	48.35	51.75	55.14	58.52	61.89	68.57	71.90	75.21	81.77	85.03	94.69	101.03	107.28	119.49	136.99
1160	64.12	68.57	73.00	77.40	81.77	90.42	94.69	98.92	107.27	111.39	123.46	131.27	138.88	153.40	173.26
1750	95.20	101.57	107.84	114.03	120.11	131.94	137.68	143.29	154.12	159.32	174.00	182.97	191.22	205.36	220.01
3450	172.13	181.11	189.39	196.95	203.73	214.76	218.93	222.14	225.48	-	-	-	-	-	-
20	1.12	1.20	1.28	1.36	1.44	1.60	1.68	1.76	1.92	2.00	2.24	2.40	2.56	2.88	3.36
40	2.24	2.40	2.56	2.72	2.88	3.20	3.36	3.52	3.84	4.00	4.48	4.80	5.12	5.76	6.71
60	3.36	3.60	3.84	4.08	4.32	4.80	5.04	5.28	5.76	6.00	6.71	7.19	7.67	8.63	10.07
80	4.48	4.80	5.12	5.44	5.76	6.39	6.71	7.03	7.67	7.99	8.95	9.59	10.23	11.51	13.42
90	5.04	5.40	5.76	6.12	6.47	7.19	7.55	7.91	8.63	8.99	10.07	10.79	11.51	12.95	15.10
100	5.60	6.00	6.39	6.79	7.19	7.99	8.39	8.79	9.59	9.99	11.19	11.99	12.79	14.38	16.77
200	11.19	11.99	12.79	13.58	14.38	15.98	16.78	17.57	19.17	19.96	22.35	23.94	25.53	28.71	33.47
300	16.78	17.97	19.17	20.36	21.56	23.94	25.14	26.33	28.71	29.90	33.47	35.84	38.21	42.94	49.99
400	22.35	23.94	25.53	27.12	28.71	31.88	33.47	35.05	38.21	39.79	44.51	47.65	50.78	57.01	66.27
500	27.92	29.90	31.88	33.86	35.84	39.79	41.76	43.72	47.65	49.60	55.45	59.33	63.20	70.87	82.22
600	33.47	35.84	38.21	40.58	42.94	47.65	50.00	52.34	57.01	59.33	66.27	70.87	75.43	84.47	97.76
700	39.00	41.76	44.51	47.26	50.00	55.45	58.17	60.88	66.27	68.96	76.95	82.22	87.45	97.76	112.80
800	44.51	47.65	50.78	53.90	57.01	63.19	66.28	69.34	75.43	78.46	87.45	93.37	99.22	110.68	127.26
900	50.00	53.51	57.01	60.50	63.97	70.87	74.30	77.71	84.47	87.82	97.76	104.27	110.69	123.19	141.06
1000	55.45	59.33	63.19	67.04	70.87	78.46	82.22	85.96	93.37	97.03	107.84	114.90	121.83	135.23	154.12
1100	60.88	65.12	69.34	73.54	77.71	85.96	90.05	94.10	102.11	106.06	117.69	125.23	132.60	146.75	166.35
1200	66.28	70.87	75.43	79.97	84.47	93.37	97.76	102.11	110.68	114.90	127.26	135.23	142.98	157.70	177.67
1300	71.63	76.57	81.47	86.34	91.16	100.66	105.35	109.98	119.07	123.54	136.54	144.87	152.91	168.03	188.00
1400	76.95	82.22	87.45	92.63	97.76	107.84	112.80	117.69	127.26	131.94	145.50	154.12	162.37	177.67	197.26
1500	82.22	87.82	93.37	98.85	104.27	114.90	120.11	125.23	135.23	140.10	154.12	162.94	171.32	186.59	205.36
1600	87.45	93.37	99.21	104.99	110.68	121.82	127.26	132.60	142.97	148.00	162.37	171.32	179.72	194.73	212.22
1700	92.63	98.85	104.99	111.04	116.99	128.60	134.25	139.78	150.47	155.62	170.23	179.21	187.54	202.04	217.76
1800	97.76	104.27	110.68	117.00	123.19	135.23	141.06	146.75	157.70	162.95	177.67	186.59	194.73	208.46	221.90
1900	102.83	109.62	116.30	122.85	129.28	141.70	147.69	153.52	164.65	169.96	184.67	193.43	201.27	213.95	224.55
2000	107.85	114.90	121.82	128.61	135.23	148.00	154.12	160.05	171.32	176.64	191.21	199.70	207.11	218.44	225.62
2100	112.80	120.11	127.26	134.25	141.06	154.12	160.35	166.35	177.67	182.97	197.26	205.36	212.22	221.90	
2200	117.69	125.23	132.60	139.78	146.75	160.05	166.35	172.40	183.70	188.94	202.79	210.39	216.57	224.26	
2300	122.51	130.28	137.84	145.19	152.30	165.79	172.13	178.19	189.39	194.52	207.79	214.76	220.11	225.48	
2400	127.26	135.23	142.97	150.47	157.70	171.32	177.68	183.70	194.73	199.70	212.22	218.44	222.81	225.50	
2500	131.94	140.10	148.00	155.62	162.95	176.63	182.97	188.93	199.69	204.46	216.07	221.40	224.63		
2600	136.54	144.87	152.91	160.64	168.03	181.73	188.01	193.87	204.28	208.79	219.30	223.60	225.54		
2700	141.06	149.55	157.70	165.51	172.94	186.59	192.77	198.49	208.46	212.67	221.90	225.02	225.50		
2800	145.50	154.12	162.37	170.23	177.67	191.21	197.26	202.80	212.22	216.07	223.83	225.62			
3000	154.12	162.94	171.32	179.22	186.59	199.69	205.36	210.39	218.44	221.40	225.62				
3200	162.37	171.32	179.72	187.54	194.73	207.11	212.23	216.57	222.81	224.63					
3400	170.23	179.21	187.53	195.16	202.04	213.38	217.76	221.22	225.20	225.64					
3600	177.68	186.59	194.73	202.04	208.46	218.44	221.90	224.26							
3800	184.68	193.43	201.27	208.13	213.95	222.21	224.55	225.59							
4000	191.22	199.70	207.11	213.39	218.44	224.63	225.62								
4200	197.26	205.36	212.22	217.77	221.90	225.62									
4400	202.80	210.39	216.57	221.22	224.26										
4600	207.79	214.76	220.11	223.72	225.48										
4800	212.23	218.44	222.81	225.21											
5000	216.07	221.40	224.63	225.64											

Power rating- (kW) PIX-X'act®-STD S14M Section Belt with 140mm of Belt width

Speed of smaller pulley (rpm)	No. of teeth on smaller pulley														
	28	30	32	34	36	40	42	44	48	50	56	60	64	72	84
575	38.18	40.89	43.59	46.29	48.99	54.37	57.05	59.73	65.06	67.72	75.66	80.92	86.14	96.51	111.76
690	45.76	48.99	52.22	55.44	58.66	65.06	68.26	71.44	77.77	80.92	90.31	96.51	102.65	114.78	132.47
870	57.54	61.58	65.62	69.64	73.65	81.60	85.56	89.50	97.31	101.19	112.68	120.23	127.66	142.19	163.02
1160	76.30	81.60	86.87	92.11	97.31	107.60	112.68	117.71	127.65	132.55	146.92	156.21	165.27	182.55	206.18
1750	113.29	120.87	128.33	135.70	142.93	157.01	163.84	170.52	183.40	189.59	207.06	217.73	227.55	244.38	261.81
3450	204.83	215.52	225.37	234.37	242.44	255.56	260.53	264.35	268.32	---	---	---	---	---	---
20	1.33	1.43	1.52	1.62	1.71	1.90	2.00	2.09	2.28	2.38	2.67	2.86	3.05	3.43	4.00
40	2.67	2.86	3.05	3.24	3.43	3.81	4.00	4.19	4.57	4.76	5.33	5.71	6.09	6.85	7.98
60	4.00	4.28	4.57	4.86	5.14	5.71	6.00	6.28	6.85	7.14	7.98	8.56	9.13	10.27	11.98
80	5.33	5.71	6.09	6.47	6.85	7.60	7.98	8.37	9.13	9.51	10.65	11.41	12.17	13.70	15.97
90	6.00	6.43	6.85	7.28	7.70	8.56	8.98	9.41	10.27	10.70	11.98	12.84	13.70	15.41	17.97
100	6.66	7.14	7.60	8.08	8.56	9.51	9.98	10.46	11.41	11.89	13.32	14.27	15.22	17.11	19.96
200	13.32	14.27	15.22	16.16	17.11	19.02	19.97	20.91	22.81	23.75	26.60	28.49	30.38	34.16	39.83
300	19.97	21.38	22.81	24.23	25.66	28.49	29.92	31.33	34.16	35.58	39.83	42.65	45.47	51.10	59.49
400	26.60	28.49	30.38	32.27	34.16	37.94	39.83	41.71	45.47	47.35	52.97	56.70	60.43	67.84	78.86
500	33.22	35.58	37.94	40.29	42.65	47.35	49.69	52.03	56.70	59.02	65.99	70.60	75.21	84.34	97.84
600	39.83	42.65	45.47	48.29	51.10	56.70	59.50	62.28	67.84	70.60	78.86	84.34	89.76	100.52	116.33
700	46.41	49.69	52.97	56.24	59.50	65.99	69.22	72.45	78.86	82.06	91.57	97.84	104.07	116.33	134.23
800	52.97	56.70	60.43	64.14	67.84	75.20	78.87	82.51	89.76	93.37	104.07	111.11	118.07	131.71	151.44
900	59.50	63.68	67.84	72.00	76.12	84.34	88.42	92.47	100.52	104.51	116.33	124.08	131.72	146.60	167.86
1000	65.99	70.60	75.20	79.78	84.34	93.37	97.84	102.29	111.11	115.47	128.33	136.73	144.98	160.92	183.40
1100	72.45	77.49	82.51	87.51	92.47	102.29	107.16	111.98	121.51	126.21	140.05	149.02	157.79	174.63	197.96
1200	78.87	84.34	89.76	95.16	100.52	111.11	116.33	121.51	131.71	136.73	151.44	160.92	170.15	187.66	211.43
1300	85.24	91.12	96.95	102.74	108.48	119.79	125.37	130.88	141.69	147.01	162.48	172.40	181.96	199.96	223.72
1400	91.57	97.84	104.07	110.23	116.33	128.33	134.23	140.05	151.44	157.01	173.15	183.40	193.22	211.43	234.74
1500	97.84	104.51	111.11	117.63	124.08	136.73	142.93	149.02	160.92	166.72	183.40	193.90	203.87	222.04	244.38
1600	104.07	111.11	118.06	124.94	131.71	144.97	151.44	157.79	170.13	176.12	193.22	203.87	213.87	231.73	252.54
1700	110.23	117.63	124.94	132.14	139.22	153.03	159.76	166.34	179.06	185.19	202.57	213.26	223.17	240.43	259.13
1800	116.33	124.08	131.71	139.23	146.60	160.92	167.86	174.63	187.66	193.91	211.43	222.04	231.73	248.07	264.06
1900	122.37	130.45	138.40	146.19	153.84	168.62	175.75	182.69	195.93	202.25	219.76	230.18	239.51	254.60	267.21
2000	128.34	136.73	144.97	153.05	160.92	176.12	183.40	190.46	203.87	210.20	227.54	237.64	246.46	259.94	268.49
2100	134.23	142.93	151.44	159.76	167.86	183.40	190.82	197.96	211.43	217.73	234.74	244.38	252.54	264.06	
2200	140.05	149.02	157.79	166.34	174.63	190.46	197.96	205.16	218.60	224.84	241.32	250.36	257.72	266.87	
2300	145.79	155.03	164.03	172.78	181.24	197.29	204.83	212.05	225.37	231.48	247.27	255.56	261.93	268.32	
2400	151.44	160.92	170.13	179.06	187.66	203.87	211.44	218.60	231.73	237.64	252.54	259.94	265.14	268.35	
2500	157.01	166.72	176.12	185.19	193.91	210.19	217.73	224.83	237.63	243.31	257.12	263.47	267.31		
2600	162.48	172.40	181.96	191.16	199.96	216.26	223.73	230.71	243.09	248.46	260.97	266.08	268.39		
2700	167.86	177.96	187.66	196.96	205.80	222.04	229.40	236.20	248.07	253.08	264.06	267.77	268.35		
2800	173.15	183.40	193.22	202.57	211.43	227.54	234.74	241.33	252.54	257.12	266.36	268.49			
3000	183.40	193.90	203.87	213.27	222.04	237.63	244.38	250.36	259.94	263.47	268.49				
3200	193.22	203.87	213.87	223.17	231.73	246.46	252.55	257.72	265.14	267.31					
3400	202.57	213.26	223.16	232.24	240.43	253.92	259.13	263.25	267.99	268.51					
3600	211.44	222.04	231.73	240.43	248.07	259.94	264.06	266.87							
3800	219.77	230.18	239.51	247.67	254.60	264.43	267.21	268.45							
4000	227.55	237.64	246.46	253.93	259.94	267.31	268.49								
4200	234.74	244.38	252.54	259.15	264.06	268.49									
4400	241.33	250.36	257.72	263.25	266.87										
4600	247.27	255.56	261.93	266.23	268.32										
4800	252.55	259.94	265.14	268.00											
5000	257.12	263.47	267.31	268.51											

Drive alignment

There are two common types of misalignment encountered in a Synchronous Drive, parallel misalignment and angular misalignment.

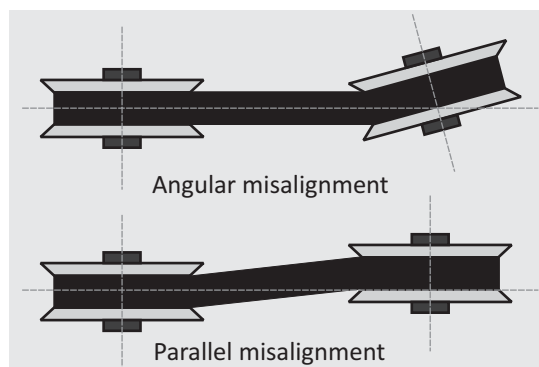
Parallel misalignment :

Parallel misalignment is caused when the driver and driven shafts are parallel, but the two pulleys (sprockets) are in different planes.

Angular misalignment :

When the two shafts are not parallel to each other, then the drive is angularly misaligned.

Synchronous Belt drives are very sensitive to misalignment and should not be used in such conditions prevailing misalignment. Also, improper pulley installation causes misalignment of the Belt and hence proper installation of pulley is the essential factor to ensure proper working of the drive.



Installation and tensioning allowance :

An efficient Synchronous drive should always have sufficient installation and tension allowances to ensure easy laying of the Belt into the pulley and tensioning.

The installation allowance is the minimum decrease in the centre distance, for easy installation of the Belt, when the flanged pulleys are removed from the shaft.

Standard installation allowances are shown in the table no. 'C' on page no. 265. Table no. 'D' also gives additional centre distance allowance for installation, if the Belt is to be installed over a flanged pulley without removing it. The Belt should never be forced over pulley flanges by lever; this may cause permanent damage of tension member inside the Belt.

Table C : Centre distance allowance for installation & tensioning (mm)

Belt Length	Installation Allowance when flanged pulleys are removed	Tensioning Allowance
Up to 1000 mm	1.8	0.8
1001 - 1780 mm	2.8	0.8
1781 - 2540 mm	3.5	1.2
2541 - 3500 mm	4.2	1.2
3500 - 4600 mm	5.3	1.3

Table D : Additional centre distance allowance for installing the Belt over flanged pulleys

Belt Section	Only one pulley flanged (mm)	Both pulleys flanged (mm)
5M	14	20
8M	21	33
14M	35	56
XL	8	14
L	14	19
H	22	32

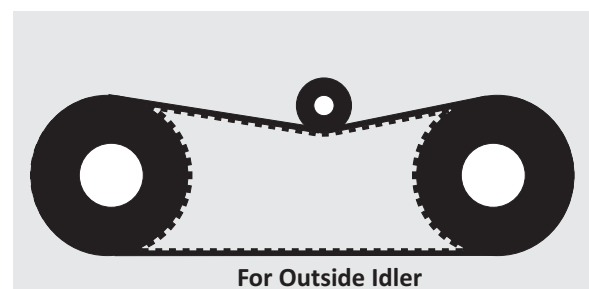
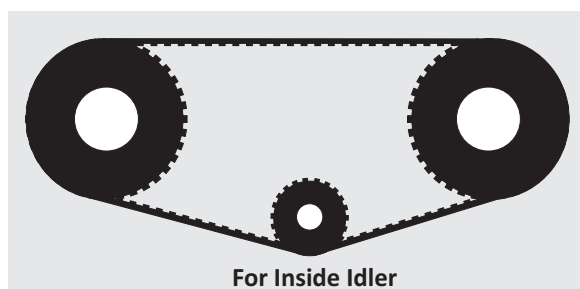
Idlers

Idlers are the pulleys (may be grooved or flat) that are used in the following cases -

1. When the drive is a fixed centre distance drive
2. When the centre distance is too high
3. Drive with obstruction in the Belt path

Grooved idlers are used on the inside of the Synchronous Belt, and flat idlers are used on the outer surface of the Belt. However, the use of idlers should be avoided as it reduces the Belt life.

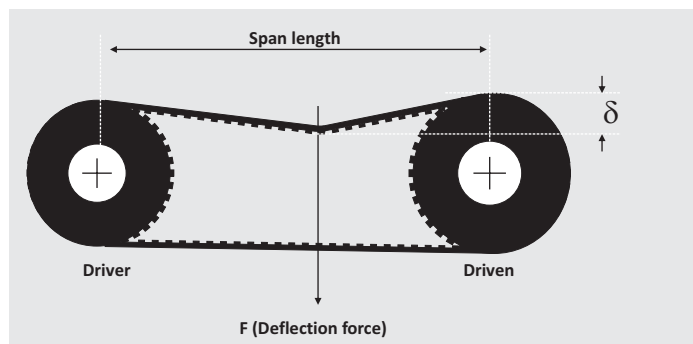
It is recommended to use the idlers on the slack side of the Belt.



Installation & tensioning procedure

Synchronous Belt drives do not require high initial Belt tension as like other V-Belt drives. Synchronous Belt drives are positive drives and need the tension just sufficient to transmit the required power. It should neither be too high nor low.

While tensioning the Synchronous Belt the tension should be maintained between certain maximum and minimum values, and it should be maintained depending on the power to be transmitted and the linear velocity (Pitch diameter and RPM of driver). The maximum and minimum limits are given below.



Maximum Deflection Force

Maximum Deflection Force

$$F (\text{max}) = \frac{P \times 1145000}{d \times n} \text{ (in Newtons)}$$

Minimum Deflection Force

$$F (\text{min}) = \frac{P \times 477500}{d \times n} \text{ (in Newtons)}$$

$$\text{Belt Deflection} = \frac{\delta C}{50} \text{ (mm)}$$

Where :

P = Power to be transmitted (kW)

d = Driver pitch diameter (mm)

n = Driver speed (rpm)

C = Span length (mm)

HTD Pulley Dimensions Pitch 5M

No. of Grooves	Pitch Diameter	Outside Diameter
12	19.10	17.96
13	20.69	19.55
14	22.28	21.14
15	23.87	22.73
16	25.46	24.32
17	27.06	25.92
18	28.65	27.51
19	30.24	29.10
20	31.83	30.69
21	33.42	32.28
22	35.01	33.87
23	36.61	35.47
24	38.20	37.06
25	39.79	38.65
26	41.38	40.24
27	42.97	41.83
28	44.56	43.42
29	46.15	45.01
30	47.75	46.61
31	49.34	48.20
32	50.93	49.79
33	52.52	51.38
34	54.11	52.97
35	55.70	54.56
36	57.30	56.16
37	58.89	57.75
38	60.48	59.34
39	62.07	60.93
40	63.66	62.52
41	65.25	64.11
42	66.85	65.71
43	68.44	67.30
44	70.03	68.89
45	71.62	70.48
46	73.21	72.07
47	74.80	73.66
48	76.39	75.25
49	77.99	76.85
50	79.58	78.94
51	81.17	80.03
52	82.76	81.62
53	84.35	83.21
54	85.94	84.80
55	87.54	86.40
56	89.13	87.99
57	90.72	89.58
58	92.31	91.17
59	93.90	92.76
60	95.49	94.35
61	97.08	95.94

No. of Grooves	Pitch Diameter	Outside Diameter
62	98.68	97.54
63	100.27	99.13
64	101.86	100.72
65	103.45	102.31
66	105.04	103.90
67	106.63	105.49
68	108.23	107.09
69	109.82	108.68
70	111.41	110.27
71	113.00	111.86
72	114.59	113.45
73	116.18	115.04
74	117.77	116.63
75	119.37	118.23
76	120.96	119.82
77	122.55	121.41
78	124.14	123.00
79	125.73	124.59
80	127.32	126.18
81	128.92	127.78
82	130.51	129.37
83	132.10	130.96
84	133.69	132.55
85	135.28	134.14
86	136.88	135.73
87	138.46	137.32
88	140.06	138.92
89	141.65	140.51
90	143.24	142.10
91	144.83	143.69
92	146.42	145.28
93	148.01	146.87
94	149.61	148.47
95	151.20	150.06
96	152.79	151.65
97	154.38	153.24
98	155.97	154.83
99	157.56	156.42
100	159.15	158.01
101	160.75	159.61
102	162.34	161.20
103	163.93	162.79
104	165.52	164.38
105	167.11	165.97
106	168.70	167.56
107	170.30	169.16
108	171.89	170.75
109	173.48	172.34
110	175.07	173.93
111	176.66	175.52

No. of Grooves	Pitch Diameter	Outside Diameter
112	178.25	177.11
113	179.85	178.71
114	181.44	180.30
115	183.03	181.89
116	184.62	183.48
117	186.21	185.07
118	187.80	186.66
119	189.39	188.25
120	190.99	189.85
121	192.58	191.44
122	194.17	193.03
123	195.76	194.62
124	197.35	196.21
125	198.94	197.80
126	200.54	199.40
127	202.13	200.99
128	203.72	202.58
129	205.31	204.17
130	206.90	205.76
131	208.49	207.35
132	210.08	208.94
133	211.68	210.54
134	213.27	212.14
135	214.86	213.72
136	216.45	215.31
137	218.04	216.90
138	219.63	218.49
139	221.23	220.09
140	222.82	221.68
141	224.41	223.27
142	226.00	224.86
143	227.59	226.45
144	229.18	228.04
145	230.77	229.63
146	232.37	231.23
147	233.96	232.82
148	235.55	234.41
149	237.14	236.00
150	238.73	237.59
151	240.32	239.18
152	241.92	240.78
153	243.51	242.37
154	245.10	243.96
155	246.69	245.55
156	248.28	247.14
157	249.87	248.73
158	251.46	250.32
159	253.06	251.92
160	254.65	253.51

HTD Pulley Dimensions Pitch 8M

No. of Grooves	Pitch Diameter	Outside Diameter	No. of Grooves	Pitch Diameter	Outside Diameter	No. of Grooves	Pitch Diameter	Outside Diameter	No. of Grooves	Pitch Diameter	Outside Diameter
18	45.84	44.47	68	173.16	171.79	118	300.48	299.11	168	427.81	426.44
19	48.38	47.01	69	175.71	174.34	119	303.03	301.66	169	430.35	428.98
20	50.93	49.56	70	178.25	176.88	120	305.58	304.21	170	432.90	431.53
21	53.48	52.11	71	180.80	179.43	121	308.12	306.75	171	435.45	434.08
22	56.02	54.66	72	183.35	181.97	122	310.67	309.30	172	437.99	436.62
23	58.57	57.20	73	185.89	184.52	123	313.22	311.85	173	440.54	439.17
24	61.12	59.75	74	188.44	187.07	124	315.76	314.39	174	443.09	441.72
25	63.66	62.28	75	190.99	189.62	125	318.31	316.94	175	445.63	444.26
26	66.21	64.84	76	193.53	192.16	126	320.86	319.49	176	448.18	446.81
27	68.75	67.38	77	196.08	194.71	127	323.40	322.03	177	450.73	449.36
28	71.30	70.08	78	198.63	197.26	128	325.95	324.58	178	453.27	451.90
29	73.85	72.48	79	201.17	199.80	129	328.50	327.13	179	455.82	454.45
30	76.39	75.13	80	203.72	202.35	130	331.04	329.67	180	458.37	457.00
31	78.94	77.57	81	206.26	204.89	131	333.59	332.22	181	460.91	459.54
32	81.49	80.16	82	208.81	207.44	132	336.14	334.76	182	463.46	462.09
33	84.03	82.68	83	211.36	209.99	133	338.68	337.37	183	466.01	464.64
34	86.58	85.22	84	213.90	212.53	134	341.23	339.86	184	468.55	467.18
35	89.13	87.76	85	216.45	215.08	135	343.77	342.40	185	471.10	469.73
36	91.67	90.30	86	219.00	217.63	136	346.32	344.95	186	473.65	472.27
37	94.22	92.85	87	221.54	220.17	137	348.87	347.50	187	476.19	474.82
38	96.77	95.39	88	224.09	222.72	138	351.41	350.04	188	478.74	477.37
39	99.31	97.94	89	226.64	225.27	139	353.96	352.55	189	481.28	479.91
40	101.86	100.49	90	229.18	227.81	140	356.51	355.14	190	483.83	482.46
41	104.41	103.04	91	231.73	230.36	141	359.05	357.58	191	486.38	485.01
42	106.95	105.58	92	234.28	232.91	142	361.60	360.23	192	488.92	487.55
43	109.50	108.13	93	236.82	235.45	143	364.15	362.78			
44	112.05	110.67	94	239.37	238.00	144	366.69	365.32			
45	114.59	113.22	95	241.92	240.54	145	369.24	367.87			
46	117.14	115.77	96	244.46	243.09	146	371.79	370.42			
47	119.68	118.31	97	247.01	245.64	147	374.33	372.96			
48	122.23	120.86	98	249.55	248.18	148	376.88	375.51			
49	124.78	123.41	99	252.10	250.73	149	379.43	378.06			
50	127.32	125.95	100	254.65	253.28	150	381.97	380.60			
51	129.87	128.50	101	257.19	255.82	151	384.52	383.50			
52	132.42	131.05	102	259.74	258.37	152	387.06	385.70			
53	134.96	133.59	103	262.29	260.92	153	389.61	388.24			
54	137.51	136.14	104	264.83	263.46	154	392.16	390.79			
55	140.06	138.69	105	267.38	266.01	155	394.70	393.33			
56	142.60	141.23	106	269.93	268.56	156	397.25	395.88			
57	145.15	143.78	107	272.47	271.70	157	399.80	398.43			
58	147.70	146.33	108	275.02	273.65	158	402.34	400.97			
59	150.24	148.87	109	277.57	276.20	159	404.89	403.52			
60	152.79	151.42	110	280.11	278.74	160	407.44	406.47			
61	155.34	153.97	111	282.66	281.29	161	409.98	408.61			
62	157.88	156.51	112	285.21	283.84	162	412.53	411.16			
63	160.43	159.06	113	287.75	286.38	163	415.08	413.71			
64	162.97	161.60	114	290.30	288.93	164	417.62	416.25			
65	165.52	164.15	115	292.84	291.47	165	420.17	418.80			
66	168.07	166.70	116	295.39	294.02	166	422.72	421.35			
67	170.61	169.24	117	297.94	296.57	167	425.26	423.89			

HTD Pulley Dimensions Pitch 14M

No. of Grooves	Pitch Diameter	Outside Diameter	No. of Grooves	Pitch Diameter	Outside Diameter	No. of Grooves	Pitch Diameter	Outside Diameter	No. of Grooves	Pitch Diameter	Outside Diameter
24	106.95	104.15	74	329.77	326.97	124	552.59	549.97	174	775.40	772.60
25	111.41	108.61	75	334.23	331.43	125	557.04	554.24	175	779.86	777.05
26	115.86	113.06	76	338.68	335.88	126	561.50	558.70	176	784.32	781.52
27	120.32	117.52	77	343.13	340.34	127	565.95	563.15	177	788.77	785.97
28	124.78	122.12	78	347.59	344.79	128	570.41	567.51	178	793.23	790.43
29	129.23	126.57	79	352.05	349.25	129	574.87	572.07	179	797.68	794.88
30	133.69	130.99	80	356.51	353.71	130	579.32	576.52	180	802.14	799.35
31	138.15	135.46	81	360.96	358.16	131	583.78	580.98	181	806.60	803.80
32	142.60	139.88	82	365.42	362.62	132	588.24	585.44	182	811.05	808.25
33	147.06	144.26	83	369.88	367.08	133	592.69	589.89	183	815.51	812.71
34	151.52	148.79	84	374.33	371.53	134	597.15	594.35	184	819.97	817.17
35	155.97	153.17	85	378.79	375.99	135	601.61	598.81	185	824.42	821.62
36	160.43	157.68	86	383.24	380.44	136	606.06	603.26	186	828.88	826.08
37	164.88	162.08	87	387.70	384.90	137	610.52	607.72	187	833.33	830.53
38	169.34	166.60	88	392.16	389.36	138	614.97	612.17	188	837.79	834.99
39	173.80	171.00	89	396.51	393.81	139	619.43	616.63	189	842.25	839.45
40	178.25	175.49	90	401.07	398.27	140	623.89	621.09	190	846.70	843.90
41	182.71	179.91	91	405.53	402.73	141	628.34	625.54	191	851.16	848.36
42	187.17	184.37	92	409.98	407.18	142	632.80	630.00	192	855.62	852.82
43	191.62	188.82	93	414.44	411.64	143	637.26	634.46	193	860.07	857.28
44	196.08	193.28	94	418.90	416.10	144	641.71	638.91	200	891.27	888.47
45	200.54	197.74	95	423.35	420.55	145	646.17	643.47	208	926.92	924.13
46	204.99	202.20	96	427.21	425.01	146	650.63	647.83	216	962.57	959.76
47	209.45	206.65	97	432.26	429.46	147	655.08	652.28			
48	213.90	211.11	98	436.72	433.92	148	659.54	656.74			
49	218.36	215.56	99	441.18	438.38	149	663.99	661.91			
50	222.82	220.02	100	445.63	442.83	150	668.45	665.65			
51	227.27	224.47	101	450.09	447.29	151	672.91	670.11			
52	231.73	228.94	102	454.55	451.75	152	677.36	674.56			
53	236.19	233.39	103	459.00	456.20	153	681.82	679.02			
54	240.64	237.84	104	463.46	460.66	154	685.28	683.48			
55	245.10	242.30	105	467.92	465.12	155	690.73	687.94			
56	249.55	246.76	106	472.37	469.57	156	695.19	692.39			
57	254.01	251.21	107	476.83	474.73	157	699.65	696.84			
58	258.47	255.67	108	481.28	478.78	158	704.10	701.30			
59	262.92	260.12	109	485.74	482.95	159	708.56	705.76			
60	267.38	264.59	110	490.20	487.40	160	713.01	710.21			
61	271.84	269.04	111	494.65	491.85	161	717.47	714.67			
62	276.29	273.49	112	499.11	496.31	162	721.93	719.13			
63	280.75	277.95	113	503.57	500.77	163	726.38	723.58			
64	285.21	282.41	114	508.02	505.22	164	730.84	728.04			
65	289.66	286.86	115	512.48	509.68	165	735.30	732.50			
66	294.12	291.32	116	516.94	514.14	166	739.75	736.95			
67	298.57	295.77	117	521.39	518.59	167	744.21	741.41			
68	303.03	300.24	118	525.85	523.05	168	748.66	745.86			
69	307.49	304.69	119	530.30	527.50	169	753.12	750.32			
70	311.94	309.14	120	534.76	531.96	170	757.58	754.78			
71	316.40	313.60	121	539.22	536.42	171	762.03	759.23			
72	320.86	318.06	122	543.67	540.87	172	766.49	763.69			
73	325.31	322.51	123	548.13	545.33	173	770.95	768.15			

Classical Pulley Dimensions Pitch XL

No. of Grooves	Pitch Diameter	Outside Diameter
10	16.17	15.66
11	17.79	17.28
12	19.40	18.90
13	21.02	20.51
14	22.64	22.13
15	24.26	23.75
16	25.87	25.36
17	27.49	26.98
18	29.11	28.60
19	30.72	30.22
20	32.34	31.83
21	33.96	33.45
22	35.57	35.07
23	37.19	36.68
24	38.81	38.30
25	40.43	39.92
26	42.04	41.53
27	43.66	43.15
28	45.28	44.77
29	46.89	46.39
30	48.51	48.00
31	50.13	49.62
32	51.74	51.24
33	53.36	52.85
34	54.98	54.47
35	56.60	56.09
36	58.21	57.70
37	59.83	59.32
38	61.45	60.94
39	63.06	62.56
40	64.68	64.17
41	66.30	65.79
42	67.91	67.41
43	69.53	69.02
44	71.15	70.64
45	72.77	72.26
46	74.38	73.87
47	76.00	75.49
48	77.62	77.11
49	79.23	78.73
50	80.85	80.34
51	82.47	81.96
52	84.08	83.58
53	85.70	85.19
54	87.32	86.81
55	88.94	88.43
56	90.55	90.04
57	92.17	91.66
58	93.79	93.28
59	95.40	94.90

No. of Grooves	Pitch Diameter	Outside Diameter
60	97.02	96.51
61	98.64	98.13
62	100.25	99.75
63	101.87	101.36
64	103.49	102.98
65	105.11	104.60
66	106.72	106.21
67	108.34	107.83
68	109.96	109.45
69	111.57	111.07
70	113.19	112.68
71	114.81	114.30
72	116.43	115.92

No. of Grooves	Pitch Diameter	Outside Diameter
40	121.28	120.51
41	124.31	123.55
42	127.34	126.58
43	130.37	129.61
44	133.40	132.64
45	136.44	135.67
46	139.47	138.71
47	142.50	141.74
48	145.53	144.77
49	148.56	147.80
50	151.60	150.83
51	154.63	153.86
52	157.66	156.90
53	160.69	159.93
54	163.72	162.96
55	166.75	165.99
56	169.79	169.02
57	172.82	172.06
58	175.85	175.09
59	178.88	178.12
60	181.91	181.15
61	184.95	184.18
62	187.98	187.22
63	191.01	190.25
64	194.04	193.28
65	197.07	196.31
66	200.11	199.34
67	203.14	202.38
68	206.17	205.41
69	209.20	208.44
70	212.23	211.47
71	215.27	214.50
72	218.30	217.53

Classical Pulley Dimensions Pitch L

No. of Grooves	Pitch Diameter	Outside Diameter
10	30.32	29.57
11	33.35	32.59
12	36.38	35.62
13	39.41	38.65
14	42.45	41.68
15	45.48	44.72
16	48.51	47.75
17	51.54	50.78
18	54.57	53.81
19	57.61	56.84
20	60.64	59.88
21	63.67	62.91
22	66.70	65.94
23	69.73	68.97
24	72.77	72.00
25	75.80	75.04
26	78.83	78.07
27	81.86	81.10
28	84.89	84.13
29	87.93	87.16
30	90.96	90.20
31	93.99	93.23
32	97.02	96.26
33	100.05	99.29
34	103.08	102.32
35	106.12	105.35
36	109.15	108.39
37	112.18	111.42
38	115.21	114.45
39	118.24	117.48

Classical Pulley Dimensions Pitch H

No. of Grooves	Pitch Diameter	Outside Diameter
14	56.60	55.22
15	60.64	59.27
16	64.68	63.31
17	68.72	67.35
18	72.77	71.39
19	76.81	75.44
20	80.85	79.48
21	84.89	83.52
22	88.94	87.56
23	92.98	91.61
24	97.02	95.65
25	101.06	99.69
26	105.11	103.73
27	109.15	107.78
28	113.19	111.82
29	117.23	115.86
30	121.28	119.90
31	125.32	123.95
32	129.36	127.99
33	133.40	132.03
34	137.45	136.07
35	141.49	140.12
36	145.53	144.16
37	149.57	148.20
38	153.62	152.24
39	157.66	156.29
40	161.70	160.33
41	165.74	164.37
42	169.79	168.41
43	173.83	172.46
44	177.87	176.50
45	181.91	180.54
46	185.96	184.58
47	190.00	188.63
48	194.04	192.67
49	198.08	196.71
50	202.13	200.75
51	206.17	204.80
52	210.21	208.84
53	214.25	212.88
54	218.30	216.92
55	222.34	220.97
56	226.38	225.01
57	230.42	229.05
58	234.47	233.10
59	238.51	237.14
60	242.55	241.18
61	246.59	245.22
62	250.64	249.27
63	254.68	253.31

No. of Grooves	Pitch Diameter	Outside Diameter
64	258.72	257.35
65	262.76	261.39
66	266.81	265.44
67	270.85	269.48
68	274.89	273.52
69	278.93	277.56
70	282.98	281.61
71	287.02	285.65
72	291.06	289.69

Tolerance on pulley pitch and outside diameter

Outside Diameter Range (mm)	Outside Diameter Tolerances	Pitch - to - Pitch Tolerances	
		Adjacent Groove	Accumulative after 90°
≤ 25.4	+ 0.051 - 0.00	± 0.03	± 0.05
25.4 to 50.8	+ 0.08 - 0.00	± 0.03	± 0.08
50.8 to 101.6	+ 0.1 - 0.0	± 0.03	± 0.1
101.6 to 177.8	+ 0.13 - 0.00	± 0.03	± 0.13
177.8 to 304.8	+ 0.15 - 0.00	± 0.03	± 0.15
304.8 to 508	+ 0.18 - 0.00	± 0.03	± 0.18
508 to 762	+ 0.20 - 0.00	± 0.03	± 0.2
762 to 1016	+ 0.23 - 0.00	± 0.03	± 0.2
Over 1016	+ 0.25 - 0.00	± 0.03	± 0.2

Axial run-out tolerances

Outside Diameter da (mm)	Tolerance (mm)
≤ 101.60	0.10
101.60 to 254.00	0.001 per mm of outside diameter
Over 254.00	0.25 + 0.0005 per mm of outside diameter over 254.00 mm

Radial run-out

Outside Diameter da (mm)	Tolerance (mm)
≤ 203.20	0.13
Over 203.20	0.13 + 0.0005 per mm of outside diameter over 203.20 mm

Length tolerances:

Synchronous Belts are manufactured with utmost accuracy to achieve high precision. The tolerances for pitch length are very stringent as given in the following table.

PIX X'act® Classical Belts

Belt Length Designation	Pitch Length (mm)	Tolerance (mm)
≤ 100	254	± 0.41
110 - 150	279.4 - 381	± 0.46
160 - 200	406.4 - 508	± 0.51
210 - 300	533.4 - 762	± 0.61
322 - 390	819.15 - 990.6	± 0.66
420 - 480	1066.8 - 1219.2	± 0.76
507 - 600	1289.05 - 1524	± 0.81
630 - 700	1600.2 - 1770	± 0.86
750 - 800	1905 - 2032	± 0.91
840 - 900	2032 - 2286	± 0.97
980 - 1000	2489.2 - 2540	± 1.02
1100	2794	± 1.07
1120 - 1200	2844.8 - 3048	± 1.12
1250 - 1260	3175 - 3200.4	± 1.17
1400	3556	± 1.22
1540 - 1600	3911.6 - 4064	± 1.32
1700	4318	± 1.37
1750 - 1800	4445 - 4572	± 1.42

PIX X'act® HTD Belts

Belt Length Designation	Pitch Length (mm)	Tolerance (mm)
≤ 480	≤ 480	± 0.51
560 - 720	560 - 720	± 0.61
800 - 966	800 - 966	± 0.66
1040 - 1200	1040 - 1200	± 0.76
1280 - 1440	1280 - 1440	± 0.81
1600 - 1760	1600 - 1760	± 0.86
1718 - 2000	1718 - 2000	± 0.91
2100	2100	± 0.97
2310 - 2450	2310 - 2450	± 1.02
2590 - 2600	2590 - 2600	± 1.07
2800	2800	± 1.12
3150	3150	± 1.17
3360 - 3500	3360 - 3500	± 1.22
3600	3600	± 1.28
3850	3850	± 1.32
4326 - 4400	4326 - 4400	± 1.42
4578	4578	± 1.46
4956	4956	± 1.52
5320	5326	± 1.58
5740	5740	± 1.70
6160	6160	± 1.82
6860	6860	± 2.00

Belt width tolerances

PIX X'act® Classical Belts

Sections	Widths	Tolerances on Width for Belt Pitch Length		
		Up to 838.2 mm	838.2 - 1676.4 mm	Over 1676.4 mm
XL	6.4 - 9.5	+ 0.5 - 0.8	–	–
L	12.7 - 25.4	+ 0.8 - 0.8	+ 0.8 - 1.3	
H	19.1 - 38.1	+ 0.8 - 0.8	+ 0.8 - 1.3	+ 0.8 - 1.3
	38.1 - 50.8	+ 0.8 - 1.3	+ 1.3 - 1.3	+ 1.3 - 1.5
	50.8 - 76.2	+ 1.3 - 1.5	+ 1.5 - 1.5	+ 1.5 - 2.0

PIX X'act® HTD Belts

Sections	Widths	Tolerances on Width for Belt Pitch Length		
		Up to 840 mm	840 - 1680 mm	Over 1680 mm
5M	≤ 9	+ 0.4 - 0.8	+ 0.4 - 0.8	-
	9 - 25	+ 0.8 - 0.8	+ 0.8 - 1.2	+ 0.8 - 1.2
8M	20 - 30	+ 0.8 - 0.8	+ 0.8 - 1.3	+ 0.8 - 1.3
	30 - 50	+ 1.3 - 1.3	+ 1.3 - 1.3	+ 1.3 - 1.5
	50 - 85	+ 1.5 - 1.5	+ 1.5 - 2.0	+ 2.0 - 2.0
14M	40	+ 0.8 - 1.3	+ 0.8 - 1.3	+ 1.3 - 1.5
	40 - 55	+ 1.3 - 1.3	+ 1.5 - 1.5	+ 1.5 - 1.5
	55 - 85	+ 1.5 - 1.5	+ 1.5 - 2.0	+ 2.0 - 2.0
	85 - 170	+ 2.3 - 2.3	+ 2.3 - 2.8	+ 2.3 - 3.3

Trouble shooting (Timing Belts)

Problems	Causes	Remedies
Excessive edge wear	<ul style="list-style-type: none"> a) Misalignment b) Foreign material in the drive c) Rough flange d) Improper Belt tension 	<ul style="list-style-type: none"> a) Realign the drive b) Clean the drive c) Repair or replace flanges d) Adjust Belt tension to the recommended value
High drive noise	<ul style="list-style-type: none"> a) Misalignment b) Excessive tension c) Excessive load d) Sprocket worn-out e) Belt speed too high 	<ul style="list-style-type: none"> a) Realign the drive b) Adjust Belt tension to the recommended value c) Redesign the drive d) Replace sprocket e) Redesign the drive
Tooth breakage	<ul style="list-style-type: none"> a) Sprocket worn-out b) Excessive shock loads c) Misalignment d) Improper design e) Incorrect Belt profile for sprocket f) Foreign material in the drive 	<ul style="list-style-type: none"> a) Replace sprocket b) Redesign the drive c) Realign the drive d) Check number of teeth in mesh e) Select correct combination of Belt & sprocket f) Clean the drive
Tensile cord break	<ul style="list-style-type: none"> a) Excessive shock loads b) Belt crimping while storage or installation c) Foreign material in the drive 	<ul style="list-style-type: none"> a) Redesign the drive b) Follow correct procedure for storage & installation c) Clean the drive
Softening of belt material	<ul style="list-style-type: none"> a) Exposure to excessive temperature b) Exposure to oil 	<ul style="list-style-type: none"> a) Shift the high temperature devices away b) Check and remove oil leakage
Cracks in backing	<ul style="list-style-type: none"> a) Excessive high or low temperature b) Pulley diameter less than recommended c) Exposure to chemicals 	<ul style="list-style-type: none"> a) Check the temperature b) Check and redesign the drive c) Check and control
Belt ratcheting	<ul style="list-style-type: none"> a) Excessive shock loads b) Drive is undertensioned 	<ul style="list-style-type: none"> a) Redesign the drive b) Adjust Belt tension to the recommended value
Excessive pulley wear	<ul style="list-style-type: none"> a) Improper pulley material b) Excessive tightness of Belt over pulley 	<ul style="list-style-type: none"> a) Check pulley material b) Check Belt tension
Rust and corrosion	<ul style="list-style-type: none"> a) High moisture conditions 	<ul style="list-style-type: none"> a) Replace cast iron sprockets with stainless steel components

Storage of Timing Belts

Storage of synchronous Belt needs special attention to avoid any damage, when stored over a longer period. Proper storage of synchronous Belts is very important to maintain its performance qualities and satisfactory working life.

There are different ways of storing the Belts, depending upon the situations and facilities available, however, while storing the Belts few precautions needs to be taken to avoid any distortion.

- Synchronous Belts should never be crimped or bent below the recommended minimum pulley diameter.
- Care should be taken to avoid its exposure to direct sunlight, excessive heat, moisture, hazardous chemicals and dusty environment.
- Store them in a dry and cool place.
- They may be stored using pins and saddles like V-Belts with necessary care.
- Belts up to 120 inches can be stored in a nested form by laying a Belt on its side and placing as many Belts as possible inside the first Belt without excessive force.
- Belts over 120 inches may be rolled up and tied for storage and shipment in stacked form with necessary care.

PIX-PowerWare® (Dual-duty Taper Pulleys & Bushes)

PIX have always been the innovators and pioneers in the mechanical power transmission and related products. Innovations, up-gradation and providing value-added products have been the 'mantra' we are committed to.

Introduction of PIX-PowerWare® Pulleys and Bushes have been a step ahead in providing a complete power transmission solution to the users. We have plans to further expand the PowerWare range by introducing a wide range related mechanical power transmission products, which are essential or plays an important role in the mechanical power transmission process.

The introduction of Pulleys in the product range would facilitate the users to achieve optimum power transmission from drives consisting of PIX-PowerWare® Pulley with the matched PIX V-Belt. It will also help users in getting a complete power-drive solution comprising of Pulleys and Belts from the same manufacturer, thus eliminating the chances of mismatch anywhere.

PIX-PowerWare® pulleys are made as per international standards and follow a strict manufacturing procedure in accordance with the ISO standards.

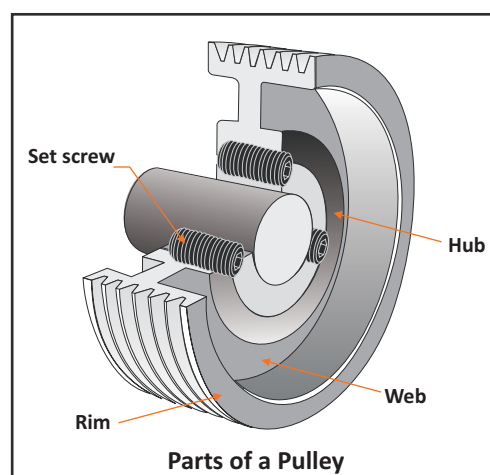
The next few pages feature the product range of pulleys and bushes mainly for Wrap and Raw Edge Cogged Belts. The detailed range of pulleys & bushes for Ribbed and Timing Belts is available upon request.

About Pulleys:

A pulley is also called a sheave or a drum and may have a groove between two flanges around its circumference. The drive element of a pulley system can be a rope, cable, Belt, or chain that runs over the pulley inside the groove.

A Belt and pulley system is characterized by two or more pulleys in common to a Belt. This allows for mechanical power, torque, and speed to be transmitted across axles. If the pulleys are of differing diameters, a mechanical advantage is realised.

A Belt drive is analogous to that of a chain drive, however a Belt sheave may be smooth (devoid of discrete interlocking members as would be found in a chain sprocket, spur gear, or timing Belt) so that the mechanical advantage is approximately given by the ratio of the pitch diameter of the sheaves only, not fixed exactly by the ratio of teeth as with gears and sprockets.



Pulleys, Bush & Pulleys+Bush assembly codification methodology

Pulley codification:

TLP	Z	01	0067	X
1	2	3	4	5
1- Pulley Type	: Taper Lock Pulley "TLP" : Pilot Bore Pulley "PBP"			
2-----	: Pulley Section			
3-----	: Number of grooves			
4-----	: PCD in mm			
5-----	: Material type code. No code is required for cast iron pulleys			

Bush codification:

TLB	1108	028	X
1	2	3	4
1- Bush Type	: PIX Bush Code		
2-----	: Bush Number		
3-----	: Bore Diameter		
4-----	: Material type code. No code is required for cast iron bushes		

Pulley Codification: (Narrow Section)

1	3V	265	TB
1	2	3	4
1-----	: Number of grooves		
2-----	: Pulley Section		
3-----	: OD in inches (Divided by 100)		
4-----	: Tapper Bush		

Pulley + Bush assembly codification:

TLPB	B	10	1250	5050	125	X
1	2	3	4	5	6	7
1- Taper Lock Pulley & Bush Assembly "TLPB"						
2-----	: Pulley Section					
3-----	: Number of grooves					
4-----	: PCD in mm					
5-----	: Bush Number					
6-----	: Bore Diameter					
7-----	: Material type code. No code is required for cast iron pulleys					

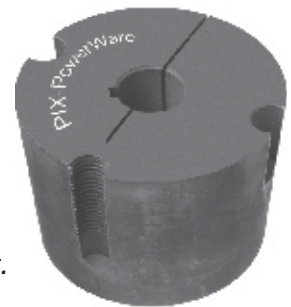
Features & benefits:

- Manufactured from grey cast iron
- Pulley and pulley groove specification conforms to IS 3142 & ISO 4183 standards
- Precise surface finish, ensure proper grip and wedging
- Increased Belt life which reduces recurring purchase costs
- Accurate and precise grooves to eliminate slippage of the Belts
- Eliminates the chances of damage to the shaft, bearing, motor or machinery during installation and removal, as there is no need of hammering the pulleys
- No special tool is required except a hexagonal key
- Saves time in installation and removal of pulleys
- Highly wear resistant
- Statically balanced in general. Dynamic balancing of larger pulleys is done on request
- Facilitates easy selection of different bore and key-way requirements
- Wide product range in V-Groove pulleys. Also available in Poly-V and Timing on request

Advantages of PIX-PowerWare® Bushes

- Ease of installation and removal
- Reduces time and fitting cost
- No need of re-boring, full range of both metric and imperial sizes are available
- Facilitates easy assemble / disassemble from pulley and other transmission parts
- Bushes are machined with standard key-ways

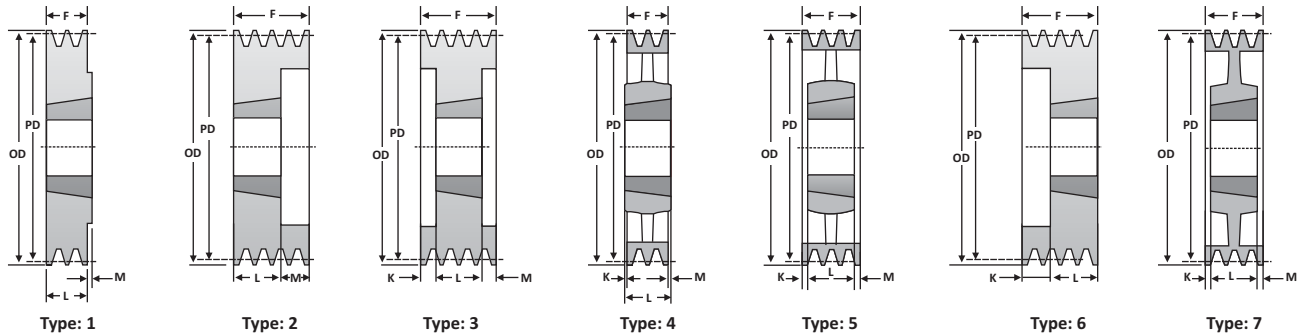
Note: Customised sizes and special bush type pulleys are also available on request.



Minimum recommended Pulley diameter

Section	Minimum recommended Pulley diameter (mm)
Z	50.0
A	71.0
B	112.0
C	180.0
SPZ	63.0
SPA	90.0
SPB	140.0
SPC	224.0
3V	63.0
5V	140.0
8V	335.0

Pulleys for use with "Z" & "SPZ" section Belts

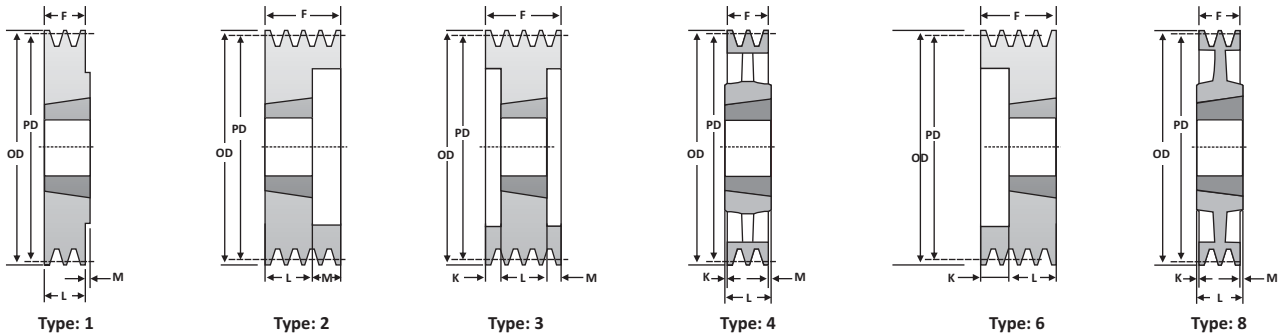


Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Bush Max. Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPZ010067	67	71	1	1108	28	1 1/8"	16	-	23	7	1
TLPZ020067			2	1108	28	1 1/8"	28	5	23	-	6
TLPZ010071	71	75	1	1108	28	1 1/8"	16	-	23	7	1
TLPZ020071			2	1108	28	1 1/8"	28	5	23	-	6
TLPZ010075	75	79	1	1108	28	1 1/8"	16	-	23	7	1
TLPZ020075			2	1210	32	1 1/4"	28	3	25	-	6
TLPZ010080	80	84	1	1210	32	1 1/4"	16	-	26	10	1
TLPZ020080			2	1210	32	1 1/4"	28	3	25	-	6
TLPZ030080			3	1210	32	1 1/4"	40	14	26	-	6
TLPZ010085	85	89	1	1210	32	1 1/4"	16	-	26	10	1
TLPZ020085			2	1610	42	1 5/8"	28	3	25	-	6
TLPZ030085			3	1610	42	1 5/8"	40	14	26	-	6
TLPZ040085			4	1610	42	1 5/8"	52	26	26	-	6
TLPZ010090	90	94	1	1210	32	1 1/4"	16	-	26	10	1
TLPZ020090			2	1610	42	1 5/8"	28	3	25	-	6
TLPZ030090			3	1610	42	1 5/8"	40	14	26	-	6
TLPZ040090			4	1610	42	1 5/8"	52	26	26	-	6
TLPZ050090			5	1610	42	1 5/8"	64	38	26	-	6
TLPZ010095	95	99	1	1210	32	1 1/4"	16	-	26	10	1
TLPZ020095			2	1610	42	1 5/8"	28	3	25	-	6
TLPZ030095			3	1610	42	1 5/8"	40	14	26	-	6
TLPZ040095			4	1610	42	1 5/8"	52	26	26	-	6
TLPZ050095			5	1610	42	1 5/8"	64	38	26	-	6
TLPZ010100	100	104	1	1210	32	1 1/4"	16	-	26	10	1
TLPZ020100			2	1610	42	1 5/8"	28	3	25	-	6
TLPZ030100			3	1610	42	1 5/8"	40	14	26	-	6
TLPZ040100			4	2012	50	2"	52	26	26	-	6
TLPZ050100			5	2012	50	2"	64	31	33	-	6
TLPZ010112	112	116	1	1610	42	1 5/8"	16	-	26	10	1
TLPZ020112			2	1610	42	1 5/8"	28	3	25	-	6
TLPZ030112			3	2012	50	2"	40	7	33	-	6
TLPZ040112			4	2012	50	2"	52	19	33	-	6
TLPZ050112			5	2012	50	2"	64	31	33	-	6
TLPZ010125	125	129	1	1610	42	1 5/8"	16	-	25	10	1
TLPZ020125			2	1610	42	1 5/8"	28	3	25	-	6
TLPZ030125			3	2012	50	2"	40	7	33	-	6
TLPZ040125			4	2012	50	2"	52	19	33	-	6
TLPZ050125			5	2517	60	2 1/2"	64	18	46	-	6

Pulleys for use with "Z" & "SPZ" section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Bush Max. Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPZ010140	140	144	1	1610	42	1 5/8"	16	-	26	10	1
TLPZ020140			2	1610	42	1 5/8"	28	3	25	-	6
TLPZ030140			3	2012	50	2"	40	-	33	7	2
TLPZ040140			4	2012	50	2"	52	-	33	19	2
TLPZ050140			5	2517	60	2 1/2"	64	-	46	18	2
TLPZ010160	160	164	1	1610	42	1 5/8"	16	-	26	10	1
TLPZ020160			2	2012	50	2"	28	-	33	5	1
TLPZ030160			3	2012	50	2"	40	-	33	7	2
TLPZ040160			4	2517	60	2 1/2"	52	-	46	6	2
TLPZ050160			5	2517	60	2 1/2"	64	-	46	18	2
TLPZ010180	180	184	1	1610	42	1 5/8"	16	-	25	9	1
TLPZ020180			2	2012	50	2"	28	-	33	5	1
TLPZ030180			3	2012	50	2"	40	-	33	7	2
TLPZ040180			4	2517	60	2 1/2"	52	-	46	6	2
TLPZ050180			5	2517	60	2 1/2"	64	-	46	18	2
TLPZ010200	200	204	1	2012	50	2"	16	-	33	17	1
TLPZ020200			2	2012	50	2"	28	-	33	5	1
TLPZ030200			3	2012	50	2"	40	-	33	7	2
TLPZ040200			4	2517	60	2 1/2"	52	3.5	45	3.5	3
TLPZ050200			5	2517	60	2 1/2"	64	9.5	45	9.5	7
TLPZ010250	250	254	1	2012	50	2"	16	8.0	32	8.0	4
TLPZ020250			2	2012	50	2"	28	2.0	32	2.0	4
TLPZ030250			3	2012	50	2"	40	4.0	32	4.0	5
TLPZ040250			4	2517	60	2 1/2"	52	3.5	45	3.5	7
TLPZ050250			5	2517	60	2 1/2"	64	9.5	45	9.5	5
TLPZ010315	315	319	1	2012	50	2"	16	8.0	32	8.0	4
TLPZ020315			2	2012	50	2"	28	2.0	32	2.0	4
TLPZ030315			3	2517	60	2 1/2"	40	2.5	45	2.5	4
TLPZ040315			4	2517	60	2 1/2"	52	3.5	45	3.5	5
TLPZ050315			5	2517	60	2 1/2"	64	9.5	45	9.5	5
TLPZ010400	400	404	1	2012	50	2"	16	8.0	32	8.0	4
TLPZ020400			2	2517	60	2 1/2"	28	8.5	45	8.5	4
TLPZ030400			3	2517	60	2 1/2"	40	2.5	45	2.5	4
TLPZ040400			4	2517	60	2 1/2"	52	3.5	45	3.5	5
TLPZ050400			5	3020	75	3"	64	6.5	51	6.5	5
TLPZ020500	500	504	2	2517	60	2 1/2"	28	8.5	45	8.5	4
TLPZ030500			3	2517	60	2 1/2"	40	2.5	45	2.5	4
TLPZ040500			4	3020	75	3"	52	0.5	51	0.5	5
TLPZ050500			5	3020	75	3"	64	6.0	76	6.0	5

Pulleys for use with "A" & "SPA" section Belts



Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (inches)					
TLPA010067	67	72.5	1	1108	28	1 1/8"	20	-	22	2.0	1
TLPA020067			2	1108	28	1 1/8"	35	13.0	22	-	6
TLPA010071	71	76.5	1	1108	28	1 1/8"	20	-	22	2.0	1
TLPA020071			2	1108	28	1 1/8"	35	13.0	22	-	6
TLPA030071			3	1108	28	1 1/8"	50	28.0	22	-	6
TLPA010075	75	80.5	1	1108	28	1 1/8"	20	-	22	2.0	1
TLPA020075			2	1108	28	1 1/8"	35	13.0	22	-	6
TLPA030075			3	1210	32	1 1/4"	50	25.0	25	-	6
TLPA010080	80	85.5	1	1108	28	1 1/8"	20	-	22	2.0	1
TLPA020080			2	1108	28	1 1/8"	35	13.0	22	-	6
TLPA030080			3	1210	32	1 1/4"	50	25.0	25	-	6
TLPA040080			4	1215	32	1 1/4"	65	27.0	38	-	6
TLPA050080			5	1215	32	1 1/4"	80	42.0	38	-	6
TLPA010085	85	90.5	1	1108	28	1 1/8"	20	-	22	2.0	1
TLPA020085			2	1108	28	1 1/8"	35	13.0	22	-	6
TLPA030085			3	1210	32	1 1/4"	50	25.0	25	-	6
TLPA040085			4	1215	32	1 1/4"	65	27.0	38	-	6
TLPA050085			5	1215	32	1 1/4"	80	42.0	38	-	6
TLPA010090	90	95.5	1	1210	32	1 1/4"	20	-	22	2.0	1
TLPA020090			2	1210	32	1 1/4"	35	13.0	22	-	6
TLPA030090			3	1610	42	1 5/8"	50	25.0	25	-	6
TLPA040090			4	1615	42	1 5/8"	65	13.5	38	13.5	3
TLPA050090			5	1615	42	1 5/8"	80	21.0	38	21.0	3
TLPA010095	95	105.5	1	1610	42	1 5/8"	20	-	22	2.0	1
TLPA020095			2	1610	42	1 5/8"	35	13.0	22	-	6
TLPA030095			3	1610	42	1 5/8"	50	25.0	25	-	6
TLPA040095			4	1615	42	1 5/8"	65	13.5	38	13.5	3
TLPA050095			5	1615	42	1 5/8"	80	21.0	38	21.0	3
TLPA010100	100	105.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020100			2	1610	42	1 5/8"	35	10.0	25	-	6
TLPA030100			3	1610	42	1 5/8"	50	25.0	25	-	6
TLPA040100			4	1615	42	1 5/8"	65	27.0	38	-	6
TLPA050100			5	1615	42	1 5/8"	80	42.0	38	-	6
TLPA060100			6	1615	42	1 5/8"	95	28.5	38	28.5	6
TLPA010106	106	111.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020106			2	1610	42	1 5/8"	35	10.0	25	-	6
TLPA030106			3	1610	42	1 5/8"	50	25.0	25	-	6
TLPA040106			4	1615	42	1 5/8"	65	27.0	38	-	6
TLPA050106			5	2012	50	2"	80	48.0	32	-	6
TLPA060106			6	2012	50	2"	95	31.5	32	31.5	6

Pulleys for use with "A" & "SPA" section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (inches)					
TLPA010112	112	117.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020112			2	1610	42	1 5/8"	35	10.0	25	-	6
TLPA030112			3	2012	50	2"	50	18.0	32	-	6
TLPA040112			4	2012	50	2"	65	33.0	32	-	6
TLPA050112			5	2012	50	2"	80	48.0	32	-	6
TLPA060112			6	2012	50	2"	95	63.0	32	-	6
TLPA010118	118	123.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020118			2	1610	42	1 5/8"	35	10.0	25	-	6
TLPA030118			3	2012	50	2"	50	18.0	32	-	6
TLPA040118			4	2012	50	2"	65	33.0	32	-	6
TLPA050118			5	2012	50	2"	80	48.0	32	-	6
TLPA060118			6	2012	50	2"	95	63.0	32	-	6
TLPA010125	125	130.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020125			2	1610	42	1 5/8"	35	-	25	10.0	2
TLPA030125			3	2012	50	2"	50	-	32	18.0	2
TLPA040125			4	2012	50	2"	65	-	32	33.0	2
TLPA050125			5	2012	50	2"	80	-	32	48.0	2
TLPA060125			6	2012	50	2"	95	31.5	32	31.5	2
TLPA010132	132	137.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020132			2	1610	42	1 5/8"	35	-	25	10.0	2
TLPA030132			3	2012	50	2"	50	-	32	18.0	2
TLPA040132			4	2517	60	2 1/2"	65	-	45	20.0	2
TLPA050132			5	2517	60	2 1/2"	80	-	45	35.0	2
TLPA060132			6	2517	60	2 1/2"	95	25.0	45	25.0	2
TLPA010140	140	145.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020140			2	2012	50	2"	35	3.0	32	-	6
TLPA030140			3	2517	60	2 1/2"	50	-	45	5.0	2
TLPA040140			4	2517	60	2 1/2"	65	-	45	20.0	2
TLPA050140			5	2517	60	2 1/2"	80	-	45	35.0	2
TLPA060140			6	2517	60	2 1/2"	95	25.0	45	25.0	2
TLPA010150	150	155.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020150			2	2012	50	2"	35	3.0	32	-	6
TLPA030150			3	2517	60	2 1/2"	50	-	45	5.0	2
TLPA040150			4	2517	60	2 1/2"	65	-	45	20.0	2
TLPA050150			5	2517	60	2 1/2"	80	-	45	35.0	2
TLPA060150			6	2517	60	2 1/2"	95	25.0	45	25.0	2
TLPA010160	160	165.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020160			2	2012	50	2"	35	3.0	32	-	6
TLPA030160			3	2517	60	2 1/2"	50	-	45	5.0	2
TLPA040160			4	2517	60	2 1/2"	65	-	45	20.0	2
TLPA050160			5	2517	60	2 1/2"	80	25.0	45	35.0	2
TLPA060160			6	2517	60	2 1/2"	95	-	45	25.0	2
TLPA010170	170	175.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020170			2	2012	50	2"	35	3.0	32	-	6
TLPA030170			3	2517	60	2 1/2"	50	-	45	5.0	2
TLPA040170			4	2517	60	2 1/2"	65	-	45	20.0	2
TLPA050170			5	2517	60	2 1/2"	80	-	45	35.0	2
TLPA060170			6	2517	60	2 1/2"	95	25.0	45	25.0	2
TLPA010180	180	185.5	1	1610	42	1 5/8"	20	-	25	5.0	1
TLPA020180			2	2012	50	2"	35	-	32	3.0	2
TLPA030180			3	2517	60	2 1/2"	50	-	45	5.0	2
TLPA040180			4	2517	60	2 1/2"	65	-	45	20.0	2
TLPA050180			5	3020	75	3"	80	-	51	29.0	2
TLPA060180			6	3020	75	3"	95	22.0	51	22.0	2

Pulleys for use with "A" & "SPA" section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (inches)					
TLPA010190	190	195.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020190			2	2012	50	2"	35	-	32	3.0	2
TLPA030190			3	2517	60	2 1/2"	50	-	45	5.0	2
TLPA040190			4	3020	75	3"	65	-	51	14.0	2
TLPA050190			5	3020	75	3"	80	-	51	29.0	2
TLPA060190			6	3020	75	3"	95	22.0	51	22.0	3
TLPA010200	200	205.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020200			2	2517	60	2 1/2"	45	-	35	10.0	8
TLPA030200			3	2517	60	2 1/2"	50	-	45	5.0	3
TLPA040200			4	3020	75	3"	65	-	51	14.0	2
TLPA050200			5	3020	75	3"	80	-	51	29.0	2
TLPA060200			6	3020	75	3"	95	-	51	22.0	2
TLPA010212	212	217.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020212			2	2517	60	2 1/2"	35	-	45	10.0	8
TLPA030212			3	2517	60	2 1/2"	50	-	45	5.0	3
TLPA040212			4	3020	75	3"	65	-	51	14.0	2
TLPA050212			5	3020	75	3"	80	-	51	29.0	2
TLPA060212			6	3020	75	3"	95	22.0	51	22.0	2
TLPA010224	224	229.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020224			2	2517	60	2 1/2"	35	-	45	10.0	8
TLPA030224			3	2517	60	2 1/2"	50	-	45	5.0	3
TLPA040224			4	3020	75	3"	65	-	51	14.0	2
TLPA050224			5	3020	75	3"	80	-	51	29.0	2
TLPA060224			6	3020	75	3"	95	22.0	51	22.0	2
TLPA010236	236	241.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020236			2	2517	60	2 1/2"	35	-	45	10.0	8
TLPA030236			3	2517	60	2 1/2"	50	-	45	5.0	3
TLPA040236			4	3020	75	3"	65	-	51	14.0	2
TLPA050236			5	3020	75	3"	80	-	51	29.0	2
TLPA060236			6	3020	75	3"	95	22.0	51	22.0	2
TLPA010250	250	255.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020250			2	2517	60	2 1/2"	35	-	45	10.0	8
TLPA030250			3	2517	60	2 1/2"	50	2.5	45	2.5	7
TLPA040250			4	3020	75	3"	65	7.0	51	7.0	7
TLPA050250			5	3020	75	3"	80	14.5	51	14.5	7
TLPA060250			6	3020	75	3"	95	22.0	51	22.0	7
TLPA010265	265	270.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020265			2	2517	60	2 1/2"	35	-	45	10.0	8
TLPA030265			3	2517	60	2 1/2"	50	2.5	45	2.5	7
TLPA040265			4	3020	75	3"	65	7.0	51	7.0	7
TLPA050265			5	3020	75	3"	80	14.5	51	14.5	7
TLPA060265			6	3020	75	3"	95	22.0	51	22.0	7
TLPA010280	280	285.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020280			2	2517	60	2 1/2"	35	-	45	10.0	8
TLPA030280			3	2517	60	2 1/2"	50	-	45	5.0	7
TLPA040280			4	3020	75	3"	65	7.0	51	7.0	7
TLPA050280			5	3535	90	3 1/2"	80	-	89	9.0	8
TLPA060280			6	3535	90	3 1/2"	95	-	89	6.0	7
TLPA010300	300	305.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020300			2	2517	60	2 1/2"	35	-	45	10.0	8
TLPA030300			3	2517	60	2 1/2"	50	-	45	5.0	7
TLPA040300			4	3020	75	3"	65	7.0	51	7.0	7
TLPA050300			5	3535	90	3 1/2"	80	-	89	9.0	8
TLPA060300			6	3535	90	3 1/2"	95	-	89	6.0	7

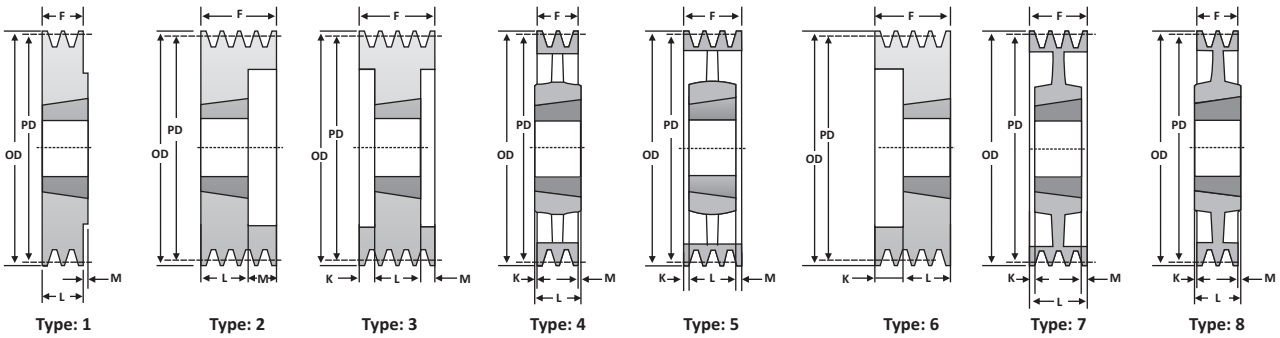
Pulleys for use with "A" & "SPA" section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (inches)					
TLPA010315	315	320.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020315			2	2517	60	2 1/2"	35	-	45	10.0	4
TLPA030315			3	3020	75	3"	50	0.5	51	0.5	8
TLPA040315			4	3020	75	3"	65	7.0	51	7.0	7
TLPA050315			5	3535	90	3 1/2"	80	4.5	89	9.0	8
TLPA060315			6	3535	90	3 1/2"	95	-	89	6.0	7
TLPA010335	335	340.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020335			2	2517	60	2 1/2"	35	-	45	10.0	4
TLPA030335			3	3020	75	3"	50	-	51	1.0	8
TLPA040335			4	3020	75	3"	65	7.0	51	7.0	7
TLPA050335			5	3535	90	3 1/2"	80	-	89	9.0	8
TLPA060335			6	3535	90	3 1/2"	95	-	89	6.0	7
TLPA010355	355	360.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020355			2	2517	60	2 1/2"	35	-	45	10.0	4
TLPA030355			3	3020	75	3"	50	-	51	1.0	6
TLPA040355			4	3020	75	3"	65	7.0	51	7.0	7
TLPA050355			5	3535	90	3 1/2"	80	-	89	9.0	8
TLPA060355			6	3535	90	3 1/2"	95	-	89	6.0	7
TLPA010375	375	380.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020375			2	2517	60	2 1/2"	35	-	45	10.0	4
TLPA030375			3	3020	75	3"	50	-	51	1.0	8
TLPA040375			4	3020	75	3"	65	7.0	51	7.0	7
TLPA050375			5	3535	90	3 1/2"	80	-	89	9.0	8
TLPA060375			6	3535	90	3 1/2"	95	-	89	6.0	7
TLPA010400	400	405.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020400			2	2517	60	2 1/2"	35	-	45	10.0	4
TLPA030400			3	3020	75	3"	50	0.5	51	0.5	4
TLPA040400			4	3020	75	3"	65	7.0	51	7.0	5
TLPA050400			5	3535	90	3 1/2"	80	4.5	89	4.5	4
TLPA060400			6	3535	90	3 1/2"	95	-	89	6.0	4
TLPA010425	425	430.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020425			2	2517	60	2 1/2"	35	-	45	10.0	4
TLPA030425			3	3020	75	3"	50	-	51	1.0	4
TLPA040425			4	3020	75	3"	65	7.0	51	7.0	5
TLPA050425			5	3535	90	3 1/2"	80	-	89	9.0	4
TLPA060425			6	3535	90	3 1/2"	95	-	89	6.0	4
TLPA010450	450	455.5	1	2012	50	2"	20	-	32	12.0	1
TLPA020450			2	2517	60	2 1/2"	45	-	35	10.0	4
TLPA030450			3	3020	75	3"	51	-	50	1.0	4
TLPA040450			4	3020	75	3"	65	7.0	51	7.0	5
TLPA050450			5	3535	90	3 1/2"	89	-	80	9.0	4
TLPA060450			6	3535	90	3 1/2"	95	-	89	6.0	4
TLPA010475	475	480.5	1	2012	50	2"	32	-	20	12.0	4
TLPA020475			2	2517	60	2 1/2"	45	-	35	10.0	4
TLPA030475			3	3020	75	3"	51	-	50	1.0	4
TLPA040475			4	3020	75	3"	65	7.0	51	7.0	5
TLPA050475			5	3535	90	3 1/2"	89	-	80	9.0	4
TLPA060475			6	3535	90	3 1/2"	95	-	89	6.0	4
TLPA010500	500	505.5	1	2517	60	2 1/2"	45	-	20	25.0	4
TLPA020500			2	2517	60	2 1/2"	45	-	35	10.0	4
TLPA030500			3	3020	75	3"	51	0.5	50	0.5	4
TLPA040500			4	3020	75	3"	65	7.0	51	7.0	5
TLPA050500			5	3535	90	3 1/2"	89	4.5	80	4.5	4
TLPA060500			6	3535	90	3 1/2"	95	-	89	6.0	4

Pulleys for use with "A" & "SPA" section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (inches)					
TLPA010530	530	535.5	1	2517	60	2 1/2"	45	-	20	25.0	4
TLPA020530			2	2517	60	2 1/2"	45	-	35	10.0	4
TLPA030530			3	3020	75	3"	51	-	50	1.0	4
TLPA040530			4	3020	75	3"	65	7.0	51	7.0	5
TLPA050530			5	3535	90	3 1/2"	89	4.5	80	4.5	4
TLPA060530			6	3535	90	3 1/2"	95	-	89	6.0	5
TLPA010560	560	565.5	1	3020	75	3"	32	-	20	12.0	4
TLPA020560			2	3020	75	3"	45	-	35	10.0	4
TLPA030560			3	3020	75	3"	51	-	50	1.0	4
TLPA040560			4	3535	90	3 1/2"	65	7.0	51	7.0	4
TLPA050560			5	3535	90	3 1/2"	89	-	80	9.0	4
TLPA060560			6	3535	90	3 1/2"	95	-	89	6.0	5
TLPA010630	630	635.5	1	3020	75	3"	51	-	20	31.0	4
TLPA020630			2	3020	75	3"	51	-	35	16.0	4
TLPA030630			3	3020	75	3"	51	0.5	50	0.5	4
TLPA040630			4	3535	90	3 1/2"	89	12.0	65	12.0	4
TLPA050630			5	3535	90	3 1/2"	89	4.5	80	4.5	4
TLPA060630			6	4040	100	4"	102	-	95	7.0	4
TLPA030710	710	715.5	3	3020	75	3"	51	-	50	1.0	4
TLPA040710			4	3535	90	3 1/2"	89	12.0	65	12.0	4
TLPA050710			5	3535	90	3 1/2"	89	-	80	9.0	4
TLPA060710			6	4040	100	4"	102	-	95	7.0	4
TLPA030800	800	805.5	3	3535	90	3 1/2"	89	19.5	50	19.5	4
TLPA040800			4	3535	90	3 1/2"	89	12.0	65	12.0	4
TLPA050800			5	4040	100	4"	102	11.0	80	11.0	4
TLPA060800			6	4040	100	4"	102	3.5	95	3.5	4

Pulleys for use with "B" & "SPB" section Belts



Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPB010100	100	107	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020100			2	1610	42	1 5/8"	44	19.0	25	-	6
TLPB030100			3	1610	42	1 5/8"	63	38.0	25	-	6
TLPB010106	106	113	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020106			2	1610	42	1 5/8"	44	19.0	25	-	6
TLPB030106			3	1610	42	1 5/8"	63	38.0	25	-	6
TLPB010112	112	119	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020112			2	1610	42	1 5/8"	44	19.0	25	-	6
TLPB030112			3	1610	42	1 5/8"	63	38.0	25	-	6
TLPB010118	118	125	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020118			2	1610	42	1 5/8"	44	-	25	19.0	6
TLPB030118			3	1610	42	1 5/8"	63	-	25	38.0	6
TLPB010125	125	132	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020125			2	1610	42	1 5/8"	44	19.0	25	-	6
TLPB030125			3	1610	42	1 5/8"	63	38.0	25	-	6
TLPB040125			4	2012	50	2"	82	25.0	32	25.0	3
TLPB050125			5	2012	50	2"	101	34.5	32	34.5	3
TLPB060125			6	2012	50	2"	120	44.0	32	44.0	3
TLPB010132	132	139	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020132			2	1610	42	1 5/8"	44	19.0	25	-	6
TLPB030132			3	1610	42	1 5/8"	63	38.0	25	-	6
TLPB040132			4	2012	50	2"	82	25.0	32	25.0	3
TLPB050132			5	2012	50	2"	101	-	32	69.0	2
TLPB060132			6	2012	50	2"	120	44.0	32	44.0	3
TLPB010140	140	147	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020140			2	1610	42	1 5/8"	44	19.0	25	-	6
TLPB030140			3	1610	42	1 5/8"	63	38.0	25	-	6
TLPB040140			4	2012	50	2"	82	25.0	32	25.0	3
TLPB050140			5	2012	50	2"	101	-	32	69.0	2
TLPB060140			6	2517	60	2 1/2"	120	44.0	32	44.0	3
TLPB010150	150	157	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020150			2	1610	42	1 5/8"	44	19.0	25	-	6
TLPB030150			3	2012	50	2"	63	31.0	32	-	6
TLPB040150			4	2012	50	2"	82	25.0	32	25.0	3
TLPB050150			5	2517	60	2 1/2"	101	-	45	56.0	2
TLPB060150			6	2517	60	2 1/2"	120	-	45	75.0	2
TLPB080150	8	2517	60	2 1/2"	158	56.5	45	56.5	2		
TLPB010160	160	167	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020160			2	2012	50	2"	44	12.0	32	-	6
TLPB030160			3	2517	60	2 1/2"	63	18.0	45	-	6
TLPB040160			4	2517	60	2 1/2"	82	18.5	45	18.5	3
TLPB050160			5	2517	60	2 1/2"	101	28.0	45	28.0	3
TLPB060160			6	2517	60	2 1/2"	120	-	45	75.0	2
TLPB080160			8	3020	75	3"	158	51.5	51	53.5	3

Pulleys for use with "B" & "SPB" section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPB010170	170	177	1	1610	42	1 5/8"	25	-	25	-	1
TLPB020170			2	2012	50	2"	44	12.0	32	-	6
TLPB030170			3	2517	60	2 1/2"	63	18.0	45	-	6
TLPB040170			4	2517	60	2 1/2"	82	18.5	45	18.5	3
TLPB050170			5	3020	75	3"	101	28.0	51	25.0	3
TLPB060170			6	3020	75	3"	120	-	51	69.0	2
TLPB080170			8	3030	75	3"	158	41.0	76	41.0	3
TLPB10180			180	187	1	1610	42	1 5/8"	25	-	25
TLPB020180	2	2012			50	2"	44	12.0	32	-	6
TLPB030180	3	2517			60	2 1/2"	63	18.0	45	-	6
TLPB040180	4	2517			60	2 1/2"	82	18.5	45	18.5	3
TLPB050180	5	3020			75	3"	101	25.0	51	25.0	3
TLPB060180	6	3020			75	3"	120	-	51	69.0	2
TLPB080180	8	3030			75	3"	158	41.0	76	41.0	3
TLPB10190	190	197			1	2012	50	2"	25	-	32
TLPB020190			2	2517	60	2 1/2"	44	-	45	-	1
TLPB030190			3	2517	60	2 1/2"	63	18.0	45	-	6
TLPB040190			4	2517	60	2 1/2"	82	18.5	45	18.5	3
TLPB050190			5	3020	75	3"	101	28.0	51	25.0	3
TLPB060190			6	3020	75	3"	120	-	51	75.0	2
TLPB080190			8	3030	75	3"	158	41.0	76	41.0	3
TLPB10200			200	207	1	2012	50	2"	25	-	32
TLPB020200	2	2517			60	2 1/2"	44	-	45	1.0	1
TLPB030200	3	2517			60	2 1/2"	63	-	45	18.0	2
TLPB040200	4	3020			75	3"	82	-	51	31.0	2
TLPB050200	5	3020			75	3"	101	-	51	50.0	2
TLPB060200	6	3020			75	3"	120	-	51	69.0	2
TLPB080200	8	3535			90	3 1/2"	158	34.5	89	34.5	3
TLPB10212	212	219			1	2012	50	2"	25	-	32
TLPB020212			2	2517	60	2 1/2"	44	-	45	1.0	1
TLPB030212			3	2517	60	2 1/2"	63	-	45	18.0	2
TLPB040212			4	3020	75	3"	82	-	51	31.0	2
TLPB050212			5	3020	75	3"	101	-	51	50.0	2
TLPB060212			6	3020	75	3"	120	-	51	69.0	2
TLPB080212			8	3535	90	3 1/2"	158	34.5	89	34.5	3
TLPB10224			224	231	1	2012	50	2"	25	-	32
TLPB020224	2	2517			60	2 1/2"	44	-	45	1.0	1
TLPB030224	3	2517			60	2 1/2"	63	-	45	18.0	2
TLPB040224	4	3020			75	3"	82	-	51	31.0	2
TLPB050224	5	3020			75	3"	101	-	51	50.0	2
TLPB060224	6	3020			75	3"	120	-	51	69.0	2
TLPB080224	8	3535			90	3 1/2"	158	34.5	89	34.5	3
TLPB100224	10	3535			90	3 1/2"	196	53.5	89	53.5	3
TLPB010236	236	243	1	2012	50	2"	25	-	32	7.0	1
TLPB020236			2	2517	60	2 1/2"	44	-	45	1.0	1
TLPB030236			3	2517	60	2 1/2"	63	-	45	18.0	2
TLPB040236			4	3020	75	3"	82	-	51	31.0	2
TLPB050236			5	3020	75	3"	101	-	51	50.0	2
TLPB060236			6	3020	75	3"	120	-	51	69.0	2
TLPB080236			8	3535	90	3 1/2"	158	34.5	89	34.5	3
TLPB100236			10	3535	90	3 1/2"	196	53.5	89	53.5	3
TLPB010250	250	257	1	2012	50	2"	25	-	32	7.0	1
TLPB020250			2	2517	60	2 1/2"	44	-	45	1.0	8
TLPB030250			3	3020	75	3"	63	-	51	12.0	2
TLPB040250			4	3020	75	3"	82	-	51	31.0	2
TLPB050250			5	3020	75	3"	101	-	51	50.0	2
TLPB060250			6	3020	75	3"	120	-	51	69.0	2
TLPB080250			8	3535	90	3 1/2"	158	34.5	89	34.5	3
TLPB100250			10	3535	90	3 1/2"	196	53.5	89	53.5	3

Pulleys for use with “B” & “SPB” section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type		
					Metric (mm)	Imperial (Inches)							
TLPB010265	265	272	1	2012	50	2"	25	-	32	7.0	1		
TLPB020265			2	2517	60	2 1/2"	44	-	45	1.0	8		
TLPB030265			3	3020	75	3"	63	6.0	51	6.0	7		
TLPB040265			4	3020	75	3"	82	15.5	51	15.5	7		
TLPB050265			5	3535	90	3 1/2"	101	6.0	89	6.0	7		
TLPB060265			6	3535	90	3 1/2"	120	15.5	89	15.5	7		
TLPB080265			8	3535	90	3 1/2"	158	34.5	89	34.5	7		
TLPB100265			10	3535	90	3 1/2"	196	53.5	89	53.5	7		
TLPB010280			280	287	1	2012	50	2"	25	-	32	7.0	1
TLPB020280					2	2517	60	2 1/2"	44	-	45	1.0	8
TLPB030280	3	3020			75	3"	63	6.0	51	6.0	7		
TLPB040280	4	3020			75	3"	82	15.5	51	15.5	7		
TLPB050280	5	3535			90	3 1/2"	101	6.0	89	6.0	7		
TLPB060280	6	3535			90	3 1/2"	120	15.5	89	15.5	7		
TLPB080280	8	3535			90	3 1/2"	158	34.5	89	34.5	7		
TLPB100280	10	3535			90	3 1/2"	196	53.5	89	53.5	7		
TLPB010300	300	307			1	2012	50	2"	25	-	32	7.0	1
TLPB020300					2	2517	60	2 1/2"	44	-	45	1.0	8
TLPB030300			3	3020	75	3"	63	6.0	51	6.0	7		
TLPB040300			4	3535	90	3 1/2"	82	-	51	-	8		
TLPB050300			5	3535	90	3 1/2"	101	6.0	89	6.0	7		
TLPB060300			6	3535	90	3 1/2"	120	15.5	89	15.5	7		
TLPB080300			8	3535	90	3 1/2"	158	34.5	89	34.5	7		
TLPB100300			10	3535	90	3 1/2"	196	53.5	89	53.5	7		
TLPB010315			315	322	1	2012	50	2"	25	-	32	7.0	1
TLPB020315					2	2517	60	2 1/2"	44	-	45	1.0	8
TLPB030315	3	3020			75	3"	63	6.0	51	6.0	7		
TLPB040315	4	3535			90	3 1/2"	82	3.5	51	3.5	8		
TLPB050315	5	3535			90	3 1/2"	101	6.0	89	6.0	7		
TLPB060315	6	3535			90	3 1/2"	120	15.5	89	15.5	7		
TLPB080315	8	3535			90	3 1/2"	158	34.5	89	35.0	7		
TLPB100315	10	3535			90	3 1/2"	196	53.5	89	53.5	7		
TLPB020335	335	342			2	2517	60	2 1/2"	44	-	45	1.0	1
TLPB030335					3	3020	75	3"	63	6.0	51	6.0	7
TLPB040335			4	3535	90	3 1/2"	82	3.5	51	3.5	8		
TLPB050335			5	3535	90	3 1/2"	101	3.5	89	6.0	7		
TLPB060335			6	3535	90	3 1/2"	120	15.5	89	15.5	7		
TLPB080335			8	3535	90	3 1/2"	158	34.5	89	34.5	7		
TLPB100335			10	4040	100	4"	196	53.5	89	47.0	7		
TLPB020355			355	362	2	3020	75	3"	44	3.5	51	3.5	4
TLPB030355	3	3020			75	3"	63	6.0	51	6.0	5		
TLPB040355	4	3535			90	3 1/2"	82	3.5	89	3.5	8		
TLPB050355	5	3535			90	3 1/2"	101	6.0	89	6.0	7		
TLPB060355	6	3535			90	3 1/2"	120	15.5	89	15.5	7		
TLPB080355	8	3535			90	3 1/2"	158	34.5	89	34.5	7		
TLPB100355	10	4040			100	4"	196	47.0	102	47.0	7		
TLPB020375	375	382			2	3020	75	3"	44	3.5	51	3.5	4
TLPB030375			3	3535	90	3 1/2"	63	13.0	89	13.0	4		
TLPB040375			4	3535	90	3 1/2"	82	3.5	89	3.5	4		
TLPB050375			5	3535	90	3 1/2"	101	6.0	89	6.0	5		
TLPB060375			6	3535	90	3 1/2"	120	15.5	89	15.5	5		
TLPB080375			8	4040	100	4"	158	28.0	102	28.0	5		
TLPB100375			10	4040	100	4"	196	47.0	102	47.0	5		

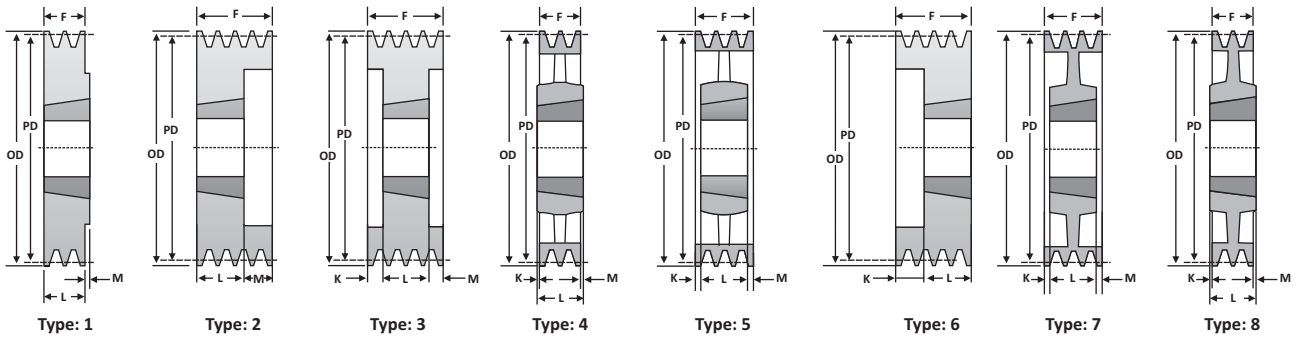
Pulleys for use with “B” & “SPB” section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPB020400	400	407	2	3020	75	3"	44	3.5	51	3.5	4
TLPB030400			3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040400			4	3535	90	3 1/2"	82	3.5	89	3.5	4
TLPB050400			5	3535	90	3 1/2"	101	6.0	89	6.0	5
TLPB060400			6	3535	90	3 1/2"	120	15.5	89	15.5	5
TLPB080400			8	4040	100	4"	158	28.0	102	28.0	5
TLPB100400			10	4040	100	4"	196	47.0	102	47.0	5
TLPB020425			425	432	2	3020	75	3"	44	3.5	51
TLPB030425	3	3535			90	3 1/2"	63	13.0	89	13.0	4
TLPB040425	4	3535			90	3 1/2"	82	3.5	89	3.5	4
TLPB050425	5	3535			90	3 1/2"	101	6.0	89	6.0	5
TLPB060425	6	3535			90	3 1/2"	120	15.5	89	15.5	5
TLPB080425	8	4040			100	4"	158	28.0	102	28.0	5
TLPB100425	10	4040			100	4"	196	47.0	102	47.0	5
TLPB020450	450	457			2	3020	75	3"	44	3.5	51
TLPB030450			3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040450			4	3535	90	3 1/2"	82	3.5	89	3.5	4
TLPB050450			5	3535	90	3 1/2"	101	6.0	89	6.0	5
TLPB060450			6	4040	100	4"	120	9.0	102	9.0	5
TLPB080450			8	4545	110	4 1/2"	158	22.0	114	22.0	5
TLPB100450			10	4545	110	4 1/2"	196	41.0	114	41.0	5
TLPB020475			475	482	2	3020	75	3"	44	3.5	51
TLPB030475	3	3535			90	3 1/2"	63	13.0	89	13.0	4
TLPB040475	4	3535			90	3 1/2"	82	3.5	89	3.5	4
TLPB050475	5	3535			90	3 1/2"	101	6.0	89	6.0	5
TLPB060475	6	4040			100	4"	120	9.0	102	9.0	5
TLPB080475	8	4545			110	4 1/2"	158	22.0	114	22.0	5
TLPB100475	10	4545			110	4 1/2"	196	41.0	114	41.0	5
TLPB020500	500	507			2	3020	75	3"	44	3.5	51
TLPB030500			3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040500			4	3535	90	3 1/2"	82	3.5	89	3.5	4
TLPB050500			5	3535	90	3 1/2"	101	6.0	89	6.0	5
TLPB060500			6	4040	100	4"	120	9.0	102	9.0	5
TLPB080500			8	4545	110	4 1/2"	158	22.0	114	22.0	5
TLPB100500			10	4545	110	4 1/2"	196	41.0	114	41.0	5
TLPB020530			530	537	2	3020	75	3"	44	3.5	51
TLPB030530	3	3535			90	3 1/2"	63	13.0	89	13.0	4
TLPB040530	4	3535			90	3 1/2"	82	3.5	89	3.5	4
TLPB050530	5	4040			100	4"	101	0.5	102	0.5	4
TLPB060530	6	4040			100	4"	120	9.0	102	9.0	5
TLPB080530	8	4545			110	4 1/2"	158	22.0	114	22.0	5
TLPB100530	10	4545			110	4 1/2"	196	41.0	114	41.0	5
TLPB020560	560	567			2	3020	75	3"	44	3.5	51
TLPB030560			3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040560			4	3535	90	3 1/2"	82	3.5	89	3.5	4
TLPB050560			5	4040	100	4"	101	0.5	102	0.5	4
TLPB060560			6	4040	100	4"	120	9.0	102	9.0	5
TLPB080560			8	4545	110	4 1/2"	158	22.0	114	22.0	5
TLPB100560			10	4545	110	4 1/2"	196	41.0	114	41.0	5

Pulleys for use with “B” & “SPB” section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPB020600	600	607	2	3020	75	3"	44	3.5	51	3.5	4
TLPB030600			3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040600			4	3535	90	3 1/2"	82	3.5	89	3.5	4
TLPB050600			5	4040	100	4"	101	0.5	102	0.5	4
TLPB060600			6	4040	100	4"	120	9.0	102	9.0	5
TLPB080600			8	4545	110	4 1/2"	158	22.0	114	22.0	5
TLPB100600			10	4545	110	4 1/2"	196	41.0	114	41.0	5
TLPB020630	630	637	2	3030	75	3"	44	16.0	76	16.0	4
TLPB030630			3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040630			4	3535	90	3 1/2"	82	3.5	89	3.5	4
TLPB050630			5	4040	100	4"	101	0.5	102	0.5	4
TLPB060630			6	4040	100	4"	120	9.0	102	9.0	5
TLPB080630			8	4545	110	4 1/2"	158	22.0	114	22.0	5
TLPB100630			10	4545	110	4 1/2"	196	41.0	114	41.0	5
TLPB020710	710	717	2	3030	75	3"	44	16.0	76	16.0	4
TLPB030710			3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040710			4	3535	90	3 1/2"	82	3.5	89	3.5	4
TLPB050710			5	4040	100	4"	101	0.5	102	0.5	4
TLPB060710			6	4545	110	4 1/2"	120	3.0	114	3.0	5
TLPB080710			8	4545	110	4 1/2"	158	22.0	114	22.0	5
TLPB100710			10	4545	110	4 1/2"	196	41.0	114	41.0	5
TLPB020762	762	769	2	3030	75	3"	44	16.0	76	16.0	4
TLPB030762			3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040762			4	4040	100	4"	82	10.0	102	10.0	4
TLPB050762			5	4040	100	4"	101	0.5	102	0.5	4
TLPB060762			6	4545	110	4 1/2"	120	3.0	114	3.0	5
TLPB080762			8	4545	110	4 1/2"	158	22.0	114	22.0	5
TLPB100762			10	4545	110	4 1/2"	196	41.0	114	41.0	5
TLPB020800	800	807	2	3030	75	3"	44	16.0	76	16.0	4
TLPB030800			3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040800			4	4040	100	4"	82	10.0	102	10.0	4
TLPB050800			5	4040	100	4"	101	0.5	102	0.5	4
TLPB060800			6	4545	110	4 1/2"	120	3.0	114	3.0	5
TLPB080800			8	4545	110	4 1/2"	158	22.0	114	22.0	5
TLPB100800			10	4545	110	4 1/2"	196	41.0	114	41.0	5
TLPB030900	900	907	3	3535	90	3 1/2"	63	13.0	89	13.0	4
TLPB040900			4	4040	100	4"	82	10.0	102	10.0	4
TLPB050900			5	4545	110	4 1/2"	101	6.5	114	6.5	4
TLPB060900			6	4545	110	4 1/2"	120	3.0	114	3.0	5
TLPB080900			8	4545	110	4 1/2"	158	22.0	114	22.0	5
TLPB100900			10	5050	125	5"	196	34.5	127	34.5	5
TLPB031000	1000	1007	3	4040	100	4"	63	19.5	102	19.5	4
TLPB041000			4	4040	100	4"	82	10.0	102	10.0	4
TLPB051000			5	4545	110	4 1/2"	101	6.5	114	6.5	4
TLPB061000			6	4545	110	4 1/2"	120	3.0	127	3.0	5
TLPB081000			8	5050	125	5"	158	15.5	127	15.5	5
TLPB101000			10	5050	125	5"	196	34.5	127	34.5	5
TLPB031250	1250	1257	3	4040	100	4"	63	19.5	102	19.5	4
TLPB041250			4	4040	100	4"	82	10.0	102	10.0	4
TLPB051250			5	4545	110	4 1/2"	101	6.5	114	6.5	4
TLPB061250			6	5050	125	5"	120	3.0	127	3.0	5
TLPB081250			8	5050	125	5"	158	15.5	127	15.5	5
TLPB101250			10	5050	125	5"	196	34.5	127	34.5	5

Pulleys for use with "C" & "SPC" section Belts



Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPC030200	200	209.6	3	2517	60	2 1/2"	85	20.0	45	20.0	2
TLPC040200			4	3020	75	3"	111	30.0	51	30.0	3
TLPC050200			5	3535	90	3 1/2"	136	16.0	89	31.0	3
TLPC060200			6	3535	90	3 1/2"	162	16.0	89	57.0	3
TLPC070200			7	3535	90	3 1/2"	187	36.0	89	62.0	3
TLPC080200			8	3535	90	3 1/2"	213	46.0	89	78.0	3
TLPC030212	212	221.6	3	3020	75	3"	85	17.0	51	17.0	2
TLPC040212			4	3020	75	3"	111	30.0	51	30.0	3
TLPC050212			5	3535	90	3 1/2"	136	16.0	89	31.0	3
TLPC060212			6	3535	90	3 1/2"	162	36.5	89	36.5	3
TLPC070212			7	3535	90	3 1/2"	187	36.0	89	62.0	3
TLPC080212			8	3535	90	3 1/2"	213	46.0	89	78.0	3
TLPC030224	224	233.6	3	3020	75	3"	85	17.0	51	17.0	2
TLPC040224			4	3535	90	3 1/2"	111	11.0	89	11.0	3
TLPC050224			5	3535	90	3 1/2"	136	23.5	89	23.5	3
TLPC060224			6	3535	90	3 1/2"	162	36.5	89	36.5	3
TLPC070224			7	3535	90	3 1/2"	187	36.0	89	62.0	3
TLPC080224			8	3535	90	3 1/2"	213	46.0	89	78.0	3
TLPC030236	236	245.6	3	3020	75	3"	85	17.0	51	17.0	2
TLPC040236			4	3535	90	3 1/2"	111	11.0	89	11.0	3
TLPC050236			5	3535	90	3 1/2"	136	23.5	89	23.5	3
TLPC060236			6	3535	90	3 1/2"	162	36.5	89	36.5	3
TLPC070236			7	3535	90	3 1/2"	187	36.0	89	62.0	3
TLPC080236			8	3535	90	3 1/2"	213	46.0	89	78.0	3
TLPC030250	250	259.6	3	3020	75	3"	85	17.0	51	17.0	2
TLPC040250			4	3535	90	3 1/2"	111	11.0	89	11.0	3
TLPC050250			5	3535	90	3 1/2"	136	23.5	89	23.5	3
TLPC060250			6	3535	90	3 1/2"	162	36.5	89	36.5	3
TLPC070250			7	3535	90	3 1/2"	187	36.0	89	62.0	3
TLPC080250			8	3535	90	3 1/2"	213	62.0	89	62.0	3
TLPC100250			10	4040	100	4"	264	81.0	102	81.0	3
TLPC030265	265	274.6	3	3535	90	3 1/2"	89	-	85	4.0	7
TLPC040265			4	3535	90	3 1/2"	111	11.0	89	11.0	3
TLPC050265			5	3535	90	3 1/2"	136	23.5	89	23.5	3
TLPC060265			6	3535	90	3 1/2"	162	36.5	89	36.5	3
TLPC070265			7	3535	90	3 1/2"	187	36.0	89	62.0	3
TLPC080265			8	3535	90	3 1/2"	213	62.0	89	62.0	3
TLPC100265			10	4040	100	4"	264	81.0	102	81.0	3

Pulleys for use with "C" & "SPC" section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPC030280	280	289.6	3	3535	90	3 1/2"	89	-	85	4.0	7
TLPC040280			4	3535	90	3 1/2"	111	11.0	89	11.0	3
TLPC050280			5	3535	90	3 1/2"	136	23.5	89	23.5	3
TLPC060280			6	3535	90	3 1/2"	162	36.5	89	36.5	3
TLPC070280			7	3535	90	3 1/2"	187	36.0	89	62.0	3
TLPC080280			8	3535	90	3 1/2"	213	62.0	89	62.0	3
TLPC100280			10	4040	100	4"	264	81.0	102	81.0	3
TLPC030300	300	309.6	3	3535	90	3 1/2"	85	2.0	89	2.0	8
TLPC040300			4	3535	90	3 1/2"	111	11.0	89	11.0	7
TLPC050300			5	3535	90	3 1/2"	136	23.5	89	23.5	7
TLPC060300			6	3535	90	3 1/2"	162	36.5	89	36.5	7
TLPC070300			7	3535	90	3 1/2"	187	49.0	89	49.0	7
TLPC080300			8	4040	100	4"	213	55.5	102	55.5	3
TLPC100300			10	4545	110	4 1/2"	264	75.0	114	75.0	3
TLPC030315	315	324.6	3	3535	90	3 1/2"	85	2.0	89	2.0	8
TLPC040315			4	3535	90	3 1/2"	111	11.0	89	11.0	7
TLPC050315			5	3535	90	3 1/2"	136	23.5	89	23.5	7
TLPC060315			6	3535	90	3 1/2"	162	36.5	89	36.5	7
TLPC070315			7	3535	90	3 1/2"	187	49.0	89	49.0	7
TLPC080315			8	4040	100	4"	213	55.5	102	55.5	3
TLPC100315			10	4545	110	4 1/2"	264	75.0	114	75.0	3
TLPC030335	335	344.6	3	3535	90	3 1/2"	85	2.0	89	2.0	8
TLPC040335			4	3535	90	3 1/2"	111	11.0	89	11.0	7
TLPC050335			5	3535	90	3 1/2"	136	23.5	89	23.5	7
TLPC060335			6	3535	90	3 1/2"	162	36.5	89	36.5	7
TLPC070335			7	3535	90	3 1/2"	187	49.0	89	49.0	7
TLPC080335			8	4040	100	4"	213	55.5	102	55.5	3
TLPC100335			10	4545	110	4 1/2"	264	75.0	114	75.0	3
TLPC030355	355	364.6	3	3535	90	3 1/2"	85	2.0	89	2.0	8
TLPC040355			4	3535	90	3 1/2"	111	11.0	89	11.0	7
TLPC050355			5	3535	90	3 1/2"	136	23.5	89	23.5	7
TLPC060355			6	3535	90	3 1/2"	162	36.5	89	36.5	7
TLPC070355			7	4040	100	4"	187	42.5	102	42.5	7
TLPC080355			8	4040	100	4"	213	55.5	102	55.5	7
TLPC100355			10	4545	110	4 1/2"	264	75.0	114	75.0	7
TLPC030375	375	384.6	3	3535	90	3 1/2"	85	2.0	89	2.0	8
TLPC040375			4	3535	90	3 1/2"	111	11.0	89	11.0	7
TLPC050375			5	3535	90	3 1/2"	136	23.5	89	23.5	7
TLPC060375			6	4040	100	4"	162	30.0	102	30.0	7
TLPC070375			7	4040	100	4"	187	42.5	102	42.5	7
TLPC080375			8	4545	110	4 1/2"	213	49.5	114	49.5	7
TLPC100375			10	4545	110	4 1/2"	264	75.0	114	75.0	7
TLPC030400	400	409.6	3	3535	90	3 1/2"	85	2.0	89	2.0	4
TLPC040400			4	3535	90	3 1/2"	111	11.0	89	11.0	5
TLPC050400			5	3535	90	3 1/2"	136	23.5	89	23.5	5
TLPC060400			6	4040	100	4"	162	30.0	102	30.0	7
TLPC070400			7	4545	110	4 1/2"	187	36.5	114	36.5	7
TLPC080400			8	4545	110	4 1/2"	213	49.5	114	49.5	7
TLPC100400			10	5050	125	5"	264	68.5	127	68.5	7
TLPC030425	425	434.6	3	3535	90	3 1/2"	85	2.0	89	2.0	4
TLPC040425			4	3535	90	3 1/2"	111	11.0	89	11.0	5
TLPC050425			5	4040	100	4"	136	17.0	102	17.0	7
TLPC060425			6	4545	110	4 1/2"	162	24.0	114	24.0	7
TLPC070425			7	4545	110	4 1/2"	187	36.5	114	36.5	7
TLPC080425			8	5050	125	5"	213	43.0	127	43.0	7
TLPC100425			10	5050	125	5"	264	68.5	127	68.5	7

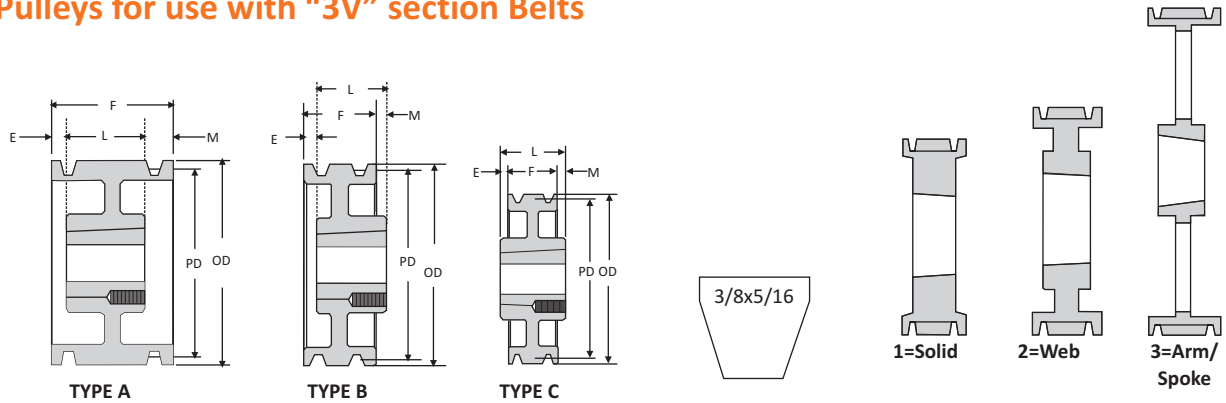
Pulleys for use with "C" & "SPC" section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPC030450	450	459.6	3	3535	90	3 1/2"	85	2.0	89	2.0	4
TLPC040450			4	3535	90	3 1/2"	111	11.0	89	11.0	5
TLPC050450			5	4040	100	4"	136	17.0	102	17.0	5
TLPC060450			6	4545	110	4 1/2"	162	24.0	114	24.0	7
TLPC070450			7	5050	125	5"	187	30.0	127	30.0	7
TLPC080450			8	5050	125	5"	213	43.0	127	43.0	7
TLPC100450			10	5050	125	5"	264	68.5	127	68.5	7
TLPC030475			475	484.6	3	3535	90	3 1/2"	85	2.0	89
TLPC040475	4	3535			90	3 1/2"	111	11.0	89	11.0	5
TLPC050475	5	4040			100	4"	136	17.0	102	17.0	5
TLPC060475	6	4545			110	4 1/2"	162	24.0	114	24.0	7
TLPC070475	7	5050			125	5"	187	30.0	127	30.0	7
TLPC080475	8	5050			125	5"	213	43.0	127	43.0	7
TLPC100475	10	5050			125	5"	264	68.5	127	68.5	7
TLPC030500	500	509.6			3	3535	90	3 1/2"	85	2.0	89
TLPC040500			4	3535	90	3 1/2"	111	11.0	89	11.0	5
TLPC050500			5	4040	100	4"	136	17.0	102	17.0	5
TLPC060500			6	4545	110	4 1/2"	162	24.0	114	24.0	5
TLPC070500			7	5050	125	5"	187	30.0	127	30.0	7
TLPC080500			8	5050	125	5"	213	43.0	127	43.0	7
TLPC100500			10	5050	125	5"	264	68.5	127	68.5	7
TLPC030530			530	539.6	3	3535	90	3 1/2"	85	2.0	89
TLPC040530	4	4040			100	4"	111	4.5	102	4.5	5
TLPC050530	5	4545			110	4 1/2"	136	11.0	114	11.0	5
TLPC060530	6	5050			125	5"	162	17.5	127	17.5	5
TLPC070530	7	5050			125	5"	187	30.0	127	30.0	7
TLPC080530	8	5050			125	5"	213	43.0	127	43.0	7
TLPC100530	10	5050			125	5"	264	68.5	127	68.5	7
TLPC030560	560	569.6			3	3535	90	3 1/2"	85	2.0	89
TLPC040560			4	4040	100	4"	111	4.5	102	4.5	5
TLPC050560			5	4545	110	4 1/2"	136	11.0	114	11.0	5
TLPC060560			6	5050	125	5"	162	17.5	127	17.5	5
TLPC070560			7	5050	125	5"	187	30.0	127	30.0	5
TLPC080560			8	5050	125	5"	213	43.0	127	43.0	5
TLPC100560			10	5050	125	5"	264	68.5	127	68.5	5
TLPC030600			600	609.6	3	4040	100	4"	85	8.5	102
TLPC040600	4	4545			110	4 1/2"	111	1.5	114	1.5	4
TLPC050600	5	4545			110	4 1/2"	136	4.5	114	4.5	4
TLPC060600	6	5050			125	5"	162	17.5	127	17.5	5
TLPC070600	7	5050			125	5"	187	30.0	127	30.0	5
TLPC080600	8	5050			125	5"	213	43.0	127	43.0	5
TLPC100600	10	5050			125	5"	264	68.5	127	68.5	5
TLPC030630	630	639.6			3	4545	110	4 1/2"	85	14.5	114
TLPC040630			4	4545	110	4 1/2"	111	1.5	114	1.5	4
TLPC050630			5	5050	125	5"	136	4.5	127	4.5	5
TLPC060630			6	5050	125	5"	162	17.5	127	17.5	5
TLPC070630			7	5050	125	5"	187	30.0	127	30.0	5
TLPC080630			8	5050	125	5"	213	43.0	127	43.0	5
TLPC100630			10	5050	125	5"	264	68.5	127	68.5	5

Pulleys for use with "C" & "SPC" section Belts

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (Inches)					
TLPC030710	710	719.6	3	4545	110	4 1/2"	85	14.5	114	14.5	4
TLPC040710			4	4545	110	4 1/2"	111	1.5	114	1.5	4
TLPC050710			5	5050	125	5"	136	4.5	127	4.5	5
TLPC060710			6	5050	125	5"	162	17.5	127	17.5	5
TLPC070710			7	5050	125	5"	187	30.0	127	30.0	5
TLPC080710			8	5050	125	5"	213	43.0	127	43.0	5
TLPC100710			10	5050	125	5"	264	68.5	127	68.5	5
TLPC030800			800	809.6	3	5050	125	5"	85	2.0	89
TLPC040800	4	5050			125	5"	102	4.5	111	4.5	4
TLPC050800	5	5050			125	5"	136	17.0	102	17.0	5
TLPC060800	6	5050			125	5"	162	17.5	127	17.5	5
TLPC070800	7	5050			125	5"	187	30.0	127	30.0	5
TLPC080800	8	5050			125	5"	213	43.0	127	43.0	5
TLPC031000	1000	1009.6			3	5050	125	5"	85	8.5	102
TLPC041000			4	5050	125	5"	111	8.0	127	8.0	4
TLPC051000			5	5050	125	5"	136	4.5	127	4.5	5
TLPC061000			6	5050	125	5"	162	17.5	127	17.5	5
TLPC071000			7	5050	125	5"	187	30.0	127	30.0	5
TLPC081000			8	5050	125	5"	213	43.0	127	43.0	5
TLPC031250			1250	1259.6	3	5050	125	5"	85	8.5	102
TLPC041250	4	5050			125	5"	111	4.5	127	4.5	4
TLPC051250	5	5050			125	5"	136	17.5	127	17.5	5
TLPC061250	6	5050			125	5"	162	30.0	127	30.0	5
TLPC071250	7	5050			125	5"	187	43.0	127	43.0	5
TLPC081250	8	5050			125	5"	213	43.0	127	43.0	5

Pulleys for use with "3V" section Belts



Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type
					Imperial (Inches)	Metric (mm)					
1 3V 265 TB	2.60	2.65	1	1108	1-1/8	28	3/16	11/16	-	7/8	A-1
2 3V 265 TB			2	1108	1-1/8	28	7/32	7/8	-	1-3/32	A-1
3 3V 265 TB			3	1108	1-1/8	28	5/8	7/8	-	1-1/2	A-1
4 3V 265 TB			4	1108	1-1/8	28	1-1/32	7/8	-	1-29/32	A-1
1 3V 280 TB	2.75	2.80	1	1108	1-1/8	28	3/16	11/16	-	7/8	A-1
2 3V 280 TB			2	1108	1-1/8	28	7/32	7/8	-	1-3/32	A-1
3 3V 280 TB			3	1108	1-1/8	28	5/8	7/8	-	1-1/2	A-1
4 3V 280 TB			4	1108	1-1/8	28	1-1/32	7/8	-	1-29/32	A-1
1 3V 300 TB	2.95	3.00	1	1108	1-1/8	28	3/16	11/16	-	7/8	A-1
2 3V 300 TB			2	1210	1-1/4	32	3/32	1	-	1-3/32	A-1
3 3V 300 TB			3	1210	1-1/4	32	1/2	1	-	1-1/2	A-1
4 3V 300 TB			4	1210	1-1/4	32	29/32	1	-	1-29/32	A-1
1 3V 315 TB	3.10	3.15	1	1108	1-1/8	28	3/16	11/16	-	7/8	A-1
2 3V 315 TB			2	1210	1-1/4	32	3/32	1	-	1-3/32	A-1
3 3V 315 TB			3	1210	1-1/4	32	1/2	1	-	1-1/2	A-1
4 3V 315 TB			4	1210	1-1/4	32	29/32	1	-	1-29/32	A-1
1 3V 335 TB	3.30	3.35	1	1610	1-5/8	42	5/16	1	-	11/16	A-1
2 3V 335 TB			2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 335 TB			3	1610	1-5/8	42	1/2	1	-	1-1/2	A-1
4 3V 335 TB			4	1610	1-5/8	42	29/32	1	-	1-29/32	A-1
1 3V 365 TB	3.60	3.65	1	1610	1-5/8	42	5/16	1	-	11/16	A-1
2 3V 365 TB			2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 365 TB			3	1610	1-5/8	42	1/2	1	-	1-1/2	A-1
4 3V 365 TB			4	1610	1-5/8	42	29/32	1	-	1-29/32	A-1
1 3V 412 TB	4.07	4.12	1	1610	1-5/8	42	-	11/16	5/16	1	B-1
2 3V 412 TB			2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 412 TB			3	1610	1-5/8	42	1/2	1	-	1-1/2	A-1
4 3V 412 TB			4	1610	1-5/8	42	29/32	1	-	1-29/32	A-1
1 3V 450 TB	4.45	4.50	1	1610	1-5/8	42	-	11/16	5/16	1	B-1
2 3V 450 TB			2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 450 TB			3	1610	1-5/8	42	1/2	1	-	1-1/2	A-1
4 3V 450 TB			4	1610	1-5/8	42	29/32	1	-	1-29/32	A-1
5 3V 450 TB			5	1615	1-5/8	42	-	1-1/2	13/16	2-5/16	A-1
1 3V 475 TB	4.70	4.75	1	1610	1-5/8	42	-	11/16	5/16	1	B-1
2 3V 475 TB			2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 475 TB			3	1610	1-5/8	42	1/2	1	-	1-1/2	A-1
4 3V 475 TB			4	1610	1-5/8	42	29/32	1	-	1-29/32	A-1
5 3V 475 TB			5	2517	2-1/2	60	9/16	1-3/4	-	2-5/16	A-1
6 3V 475 TB			6	2517	2-1/2	60	31/32	1-3/4	-	2-23/32	A-1
8 3V 475 TB			8	2517	2-1/2	60	1-25/32	1-3/4	-	3-17/32	A-1
10 3V 475 TB			10	2517	2-1/2	60	2-29/32	1-3/4	-	4-11/32	A-1

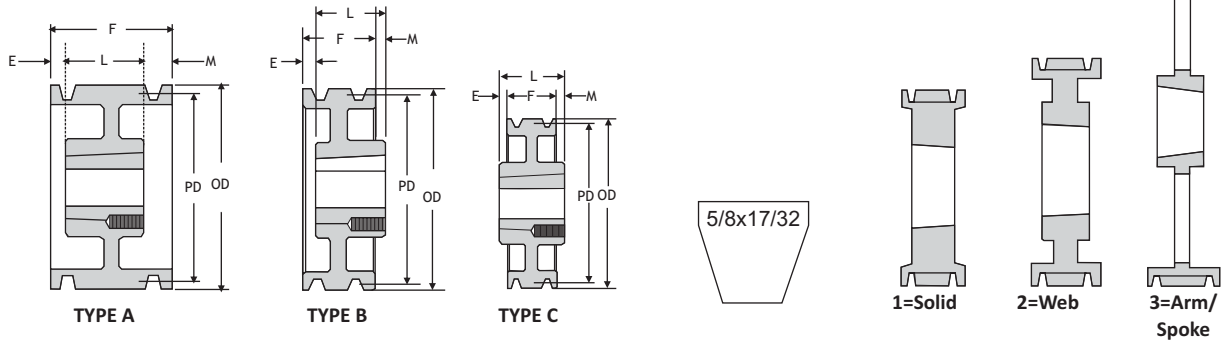
Pulleys for use with “3V” section Belts

Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type		
					Imperial (Inches)	Metric (mm)							
1 3V 500 TB	4.95	5.00	1	1610	1-5/8	42	-	11/16	5/16	1	B-1		
2 3V 500 TB			2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1		
3 3V 500 TB			3	1610	1-5/8	42	1/2	1	-	1-1/2	A-1		
4 3V 500 TB			4	1610	1-5/8	42	29/32	1	-	1-29/32	A-1		
5 3V 500 TB			5	2517	2-1/2	60	9/16	1-3/4	-	2-5/16	A-1		
6 3V 500 TB			6	2517	2-1/2	60	31/32	1-3/4	-	2-23/32	A-1		
8 3V 500 TB			8	2517	2-1/2	60	1-25/32	1-3/4	-	3-17/32	A-1		
10 3V 500 TB			10	2517	2-1/2	60	2-29/32	1-3/4	-	4-11/32	A-1		
1 3V 530 TB			5.25	5.30	1	1610	1-5/8	42	-	11/16	5/16	1	B-1
2 3V 530 TB					2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 530 TB	3	1610			1-5/8	42	1/2	1	-	1-1/2	A-1		
4 3V 530 TB	4	1610			1-5/8	42	29/32	1	-	1-29/32	A-1		
5 3V 530 TB	5	2517			2-1/2	60	9/16	1-3/4	-	2-5/16	A-1		
6 3V 530 TB	6	2517			2-1/2	60	31/32	1-3/4	-	2-23/32	A-1		
8 3V 530 TB	8	2517			2-1/2	60	1-1/32	1-3/4	3/4	3-17/32	A-1		
10 3V 530 TB	10	2517			2-1/2	60	1-27/32	1-3/4	3/4	4-11/32	A-1		
1 3V 560 TB	5.55	5.60			1	1610	1-5/8	42	-	11/16	5/16	1	B-1
2 3V 560 TB					2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 560 TB			3	1610	1-5/8	42	1/2	1	-	1-1/2	A-1		
4 3V 560 TB			4	1610	1-5/8	42	29/32	1	-	1-29/32	A-1		
5 3V 560 TB			5	2517	2-1/2	60	9/16	1-3/4	-	2-5/16	A-1		
6 3V 560 TB			6	2517	2-1/2	60	31/32	1-3/4	-	2-23/32	A-1		
8 3V 560 TB			8	2517	2-1/2	60	1/4	1-3/4	1-17/32	3-17/32	A-1		
10 3V 560 TB			10	2517	2-1/2	60	1/2	1-3/4	2-3/32	4-11/32	A-1		
1 3V 600 TB			5.95	6.00	1	1610	1-5/8	42	-	11/16	5/16	1	B-1
2 3V 600 TB					2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 600 TB	3	2517			2-1/2	60	5/32	1-3/4	13/32	1-1/2	B-1		
4 3V 600 TB	4	2517			2-1/2	60	5/32	1-3/4	-	1-29/32	A-1		
5 3V 600 TB	5	2517			2-1/2	60	9/16	1-3/4	-	2-5/16	A-1		
6 3V 600 TB	6	2517			2-1/2	60	31/32	1-3/4	-	2-23/32	A-1		
8 3V 600 TB	8	2517			2-1/2	60	1/4	1-3/4	1-17/32	3-17/32	A-1		
10 3V 600 TB	10	2517			2-1/2	60	1/2	1-3/4	2-3/32	4-11/32	A-1		
1 3V 650 TB	6.45	6.50			1	1610	1-5/8	42	-	11/16	5/16	1	B-1
2 3V 650 TB					2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 650 TB			3	2517	2-1/2	60	5/32	1-1/2	13/32	1-3/4	B-1		
4 3V 650 TB			4	2517	2-1/2	60	5/32	1-3/4	-	1-29/32	A-1		
5 3V 650 TB			5	2517	2-1/2	60	9/16	1-3/4	-	2-5/16	A-1		
6 3V 650 TB			6	2517	2-1/2	60	31/32	1-3/4	-	2-23/32	A-1		
8 3V 650 TB			8	2517	2-1/2	60	1/4	1-3/4	1-17/32	3-17/32	A-1		
10 3V 650 TB			10	2517	2-1/2	60	1/2	1-3/4	2-3/32	4-11/32	A-1		
1 3V 690 TB			6.85	6.90	1	1610	1-5/8	42	-	11/16	5/16	1	B-1
2 3V 690 TB					2	1610	1-5/8	42	3/32	1	-	1-3/32	A-1
3 3V 690 TB	3	2517			2-1/2	60	5/32	1-1/2	13/32	1-3/4	B-1		
4 3V 690 TB	4	2517			2-1/2	60	5/32	1-3/4	-	1-29/32	A-1		
5 3V 690 TB	5	2517			2-1/2	60	9/16	1-3/4	-	2-5/16	A-1		
6 3V 690 TB	6	2517			2-1/2	60	31/32	1-3/4	-	2-23/32	A-1		
8 3V 690 TB	8	2517			2-1/2	60	1/4	1-3/4	1-17/32	3-17/32	A-1		
10 3V 690 TB	10	2517			2-1/2	60	1/2	1-3/4	2-3/32	4-11/32	A-1		

Pulleys for use with “3V” section Belts

Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type		
					Imperial (Inches)	Metric (mm)							
1 3V 800 TB	7.95	8.00	1	2517	2-1/2	60	-	1-1/16	11/16	1-3/4	B-2		
2 3V 800 TB			2	2517	2-1/2	60	-	1-3/32	21/32	1-3/4	B-2		
3 3V 800 TB			3	2517	2-1/2	60	5/32	1-1/2	13/32	1-3/4	B-1		
4 3V 800 TB			4	2517	2-1/2	60	5/32	1-3/4	-	1-29/32	A-1		
5 3V 800 TB			5	2517	2-1/2	60	9/16	1-3/4	-	2-5/16	A-1		
6 3V 800 TB			6	2517	2-1/2	60	31/32	1-3/4	-	2-23/32	A-1		
8 3V 800 TB			8	3020	3	75	1/2	2	1-1/32	3-17/32	A-1		
10 3V 800 TB			10	3020	3	75	1/4	2	2-3/32	4-11/32	A-1		
1 3V 1060 TB			10.55	10.60	1	2517	2-1/2	60	-	1-1/16	11/16	1-3/4	B-2
2 3V 1060 TB					2	2517	2-1/2	60	-	1-3/32	21/32	1-3/4	B-2
3 3V 1060 TB	3	2517			2-1/2	60	-	1-1/2	1/4	1-3/4	B-2		
4 3V 1060 TB	4	2517			2-1/2	60	5/32	1-3/4	-	1-29/32	A-2		
5 3V 1060 TB	5	2517			2-1/2	60	9/16	1-3/4	-	2-5/16	A-2		
6 3V 1060 TB	6	2517			2-1/2	60	31/32	1-3/4	-	2-23/32	A-2		
8 3V 1060 TB	8	3020			3	75	1/2	2	1-1/32	3-17/32	A-2		
10 3V 1060 TB	10	3020			3	75	27/32	2	1-1/2	4-11/32	A-2		
1 3V 1400 TB	13.95	14.00			1	2517	2-1/2	60	-	15/16	13/16	1-3/4	B-3
2 3V 1400 TB					2	2517	2-1/2	60	-	1-3/32	21/32	1-3/4	B-3
3 3V 1400 TB			3	2517	2-1/2	60	-	1-1/2	1/4	1-3/4	B-3		
4 3V 1400 TB			4	2517	2-1/2	60	-	1-3/4	5/32	1-29/32	A-3		
5 3V 1400 TB			5	2517	2-1/2	60	-	1-3/4	9/16	2-5/16	A-3		
6 3V 1400 TB			6	2517	2-1/2	60	31/32	1-3/4	-	2-23/32	A-3		
8 3V 1400 TB			8	3020	3	75	21/32	2	7/8	3-17/32	A-3		
10 3V 1400 TB			10	3535	3-1/2	90	-	3-1/2	27/32	4-11/32	A-2		
1 3V 1900 TB			18.95	19.00	1	3020	3	75	-	13/16	1-3/16	2	B-3
2 3V 1900 TB					2	3020	3	75	-	1-3/32	29/32	2	B-3
3 3V 1900 TB	3	3020			3	75	-	1-1/2	1/2	2	B-3		
4 3V 1900 TB	4	3020			3	75	-	2	3/32	1-29/32	C-3		
5 3V 1900 TB	5	3020			3	75	-	2	5/16	2-5/16	A-3		
6 3V 1900 TB	6	3020			3	75	-	2	23/32	2-23/32	A-3		
8 3V 1900 TB	8	3535			3-1/2	90	-	3-1/2	1/32	3-17/32	A-3		
10 3V 1900 TB	10	3535			3-1/2	90	-	3-1/2	27/32	4-11/32	A-3		
2 3V 2500 TB	24.95	25.00			2	3020	3	75	1/8	2	25/32	1-3/32	C-3
3 3V 2500 TB					3	3020	3	75	-	2	1/2	1-1/2	B-3
4 3V 2500 TB			4	3020	3	75	-	2	3/32	1-29/32	C-3		
5 3V 2500 TB			5	3030	3	75	-	3	11/16	2-5/16	B-3		
6 3V 2500 TB			6	3030	3	75	-	3	9/32	2-23/32	B-3		
8 3V 2500 TB			8	3535	3-1/2	90	-	3-1/2	1/32	3-17/32	A-3		
10 3V 2500 TB			10	4040	4	100	-	4	11/32	4-11/32	A-3		
3 3V 3350 TB			33.45	33.50	3	3020	3	75	1/4	2	1/4	1-1/2	B-3
4 3V 3350 TB	4	3030			3	75	35/64	3	35/64	1-29/32	C-3		
5 3V 3350 TB	5	3030			3	75	11/32	3	11/32	2-5/16	C-3		
6 3V 3350 TB	6	3030			3	75	9/64	3	9/64	2-23/32	C-3		
8 3V 3350 TB	8	4040			4	100	15/64	4	15/64	3-17/32	C-3		
10 3V 3350 TB	10	4040			4	100	-	4	11/32	4-11/32	A-3		

Pulleys for use with "5V" section Belts



Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type
					Imperial (Inches)	Metric (mm)					
2 5V 440 TB	4.3	4.4	2	1610	1-5/8	42	1/16	1	5/8	1-11/16	A-1
3 5V 440 TB			3	-	-	-	1-3/8	-	-	2-3/8	-
3 5V 440 TB			4	-	-	-	2-1/16	-	-	3-1/16	-
2 5V 465 TB	4.55	4.65	2	1610	1-5/8	42	1/16	1	5/8	1-11/16	A-1
3 5V 465 TB			3	-	-	-	1/16	-	1-5/16	2-3/8	-
3 5V 465 TB			4	-	-	-	2-1/16	-	-	3-1/16	-
2 5V 490 TB	4.80	4.90	2	1610	1-5/8	42	1/16	1	5/8	1-11/16	A-1
3 5V 490 TB			3	-	-	-	1/16	-	1-5/16	2-3/8	-
4 5V 490 TB			4	-	-	-	2-1/16	-	-	3-1/16	-
2 5V 520 TB	5.10	5.20	2	1610	1-5/8	42	1/16	1	5/8	1-11/16	A-1
3 5V 520 TB			3	-	-	-	1/16	-	1-5/16	2-3/8	-
4 5V 520 TB			4	-	-	-	2-1/16	-	-	3-1/16	-
2 5V 550 TB	5.40	5.50	2	1610	2-1/2	60	1/16	1	5/8	1-11/16	A-1
3 5V 550 TB			3	1610	-	-	1/16	1	1-5/16	2-3/8	-
4 5V 550 TB			4	2517	-	-	1-5/16	1-3/4	-	3-1/16	-
2 5V 590 TB	5.80	5.90	2	1610	1-5/8	42	1/16	1	5/8	1-11/16	A-1
3 5V 590 TB			3	2517	2-1/2	60	-	1-3/4	5/8	2-3/8	-
4 5V 590 TB			4	2517	2-1/2	60	1-5/16	1-3/4	-	3-1/16	-
5 5V 590 TB			5	2517	2-1/2	60	9/16	1-3/4	1-7/16	3-3/4	-
6 5V 590 TB			6	2517	2-1/2	60	1-1/8	1-3/4	1-9/16	4-7/16	-
2 5V 630 TB	6.20	6.30	2	1610	1-5/8	42	-	1	11/16	1-11/16	A-1
3 5V 630 TB			3	2517	2-1/2	60	-	1-3/4	5/8	2-3/8	-
4 5V 630 TB			4	2517	2-1/2	60	-	1-3/4	1-5/16	3-1/16	-
5 5V 630 TB			5	2517	2-1/2	60	9/16	1-3/4	1-7/16	3-3/4	-
6 5V 630 TB			6	2517	2-1/2	60	13/16	1-3/4	1-7/8	4-7/16	-
2 5V 670 TB	6.60	6.70	2	1610	1-5/8	42	-	1	11/16	1-11/16	A-1
3 5V 670 TB			3	2517	2-1/2	60	-	1-3/4	5/8	2-3/8	-
4 5V 670 TB			4	2517	2-1/2	60	-	1-3/4	1-5/16	3-1/16	-
5 5V 670 TB			5	2517	2-1/2	60	9/16	1-3/4	1-7/16	3-3/4	-
6 5V 670 TB			6	2517	2-1/2	60	13/16	1-3/4	1-7/8	4-7/16	-
2 5V 710 TB	7.00	7.10	2	2517	2-1/2	60	1/16	1-3/4	-	1-11/16	B-1
3 5V 710 TB			3	2517	2-1/2	60	5/8	1-3/4	-	2-3/8	A-1
4 5V 710 TB			4	2517	2-1/2	60	1-5/16	1-3/4	-	3-1/16	A-1
5 5V 710 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-1
6 5V 710 TB			6	3020	3	75	3/4	2	1-11/16	4-7/16	A-1
8 5V 710 TB			8	3030	3	75	1	3	1-13/16	5-13/16	A-1
2 5V 750 TB	7.40	7.50	2	2517	2-1/2	60	1/16	1-3/4	-	1-11/16	B-1
3 5V 750 TB			3	2517	2-1/2	60	5/8	1-3/4	-	2-3/8	A-1
4 5V 750 TB			4	2517	2-1/2	60	1-5/16	1-3/4	-	3-1/16	A-1
5 5V 750 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-1
6 5V 750 TB			6	3020	3	75	3/4	2	1-11/16	4-7/16	A-1
8 5V 750 TB			8	3030	3	75	1	3	1-13/16	5-13/16	A-1

Pulleys for use with “5V” section Belts

Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type
					Imperial (Inches)	Metric (mm)					
2 5V 800 TB	7.90	8.00	2	2517	2-1/2	60	1/16	1-11/16	0	1-3/4	B-1
3 5V 800 TB			3	2517	2-1/2	60	5/8	1-3/4	0	2-3/8	A-1
4 5V 800 TB			4	2517	2-1/2	60	1-5/16	1-3/4	0	3-1/16	A-1
5 5V 800 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-1
6 5V 800 TB			6	3020	3	75	3/4	2	1-11/16	4-7/16	A-1
8 5V 800 TB			8	3030	3	75	1	3	1-13/16	5-13/16	A-1
10 5V 800 TB			10	3030	3	75	1	3	3-3/16	7-3/16	A-1
2 5V 850 TB	8.40	8.50	2	2517	2-1/2	60	1/16	1-11/16	0	1-3/4	B-2
3 5V 850 TB			3	2517	2-1/2	60	5/8	1-3/4	0	2-3/8	A-2
4 5V 850 TB			4	2517	2-1/2	60	1-5/16	1-3/4	0	3-1/16	A-2
5 5V 850 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-1
6 5V 850 TB			6	3020	3	75	3/4	2	1-11/16	4-7/16	A-1
8 5V 850 TB			8	3030	3	75	1	3	1-13/16	5-13/16	A-1
10 5V 850 TB			10	3030	3	75	1	3	3-3/16	7-3/16	A-1
2 5V 900 TB	8.90	9.00	2	2517	2-1/2	60	1/16	1-11/16	0	1-3/4	B-2
3 5V 900 TB			3	2517	2-1/2	60	5/8	1-3/4	0	2-3/8	A-2
4 5V 900 TB			4	2517	2-1/2	60	1-5/16	1-3/4	0	3-1/16	A-2
5 5V 900 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-1
6 5V 900 TB			6	3020	3	75	3/4	2	1-11/16	4-7/16	A-1
8 5V 900 TB			8	3030	3-1/2	90	1	3-1/2	1-5/16	5-13/16	A-1
10 5V 900 TB			10	3535	3-1/2	90	1	3-1/2	2-11/16	7-3/16	A-1
2 5V 925 TB	9.15	9.25	2	3020	3	75	0	1-11/16	5/16	2	B-2
3 5V 925 TB			3	3020	3	75	0	2	3/8	2-3/8	A-1
4 5V 925 TB			4	3020	3	75	1/2	2	9/16	3-1/16	A-1
5 5V 925 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-1
6 5V 925 TB			6	3535	3-1/2	90	0	3-1/2	15/16	4-7/16	A-1
8 5V 925 TB			8	3535	3-1/2	90	1	3-1/2	1-5/16	5-13/16	A-1
10 5V 925 TB			10	4040	4	100	1	4	2-3/16	7-3/16	A-1
2 5V 975 TB	9.65	9.75	2	3020	3	75	0	1-11/16	5/16	2	B-2
3 5V 975 TB			3	3020	3	75	0	2	3/8	2-3/8	A-1
4 5V 975 TB			4	3020	3	75	1/2	2	9/16	3-1/16	A-1
5 5V 975 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-1
6 5V 975 TB			6	3535	3-1/2	90	0	3-1/2	15/16	4-7/16	A-1
8 5V 975 TB			8	3535	3-1/2	90	1	3-1/2	1-5/16	5-13/16	A-1
10 5V 975 TB			10	4040	4	100	1	4	2-3/16	7-3/16	A-1
2 5V 1030 TB	10.20	10.30	2	3020	3	75	0	1-11/16	5/16	2	B-2
3 5V 1030 TB			3	3020	3	75	0	2	3/8	2-3/8	A-2
4 5V 1030 TB			4	3020	3	75	1/2	2	9/16	3-1/16	A-2
5 5V 1030 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-2
6 5V 1030 TB			6	3535	3-1/2	90	0	3-1/2	15/16	4-7/16	A-1
8 5V 1030 TB			8	3535	3-1/2	90	1	3-1/2	1-5/16	5-13/16	A-1
10 5V 1030 TB			10	4040	4	100	1	4	2-3/16	7-3/16	A-1
2 5V 1090 TB	10.80	10.90	2	3020	3	75	0	1-11/16	5/16	2	B-2
3 5V 1090 TB			3	3020	3	75	0	2	3/8	2-3/8	A-2
4 5V 1090 TB			4	3020	3	75	1/2	2	9/16	3-1/16	A-2
5 5V 1090 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-2
6 5V 1090 TB			6	3535	3-1/2	90	0	3-1/2	15/16	4-7/16	A-1
8 5V 1090 TB			8	3535	3-1/2	90	1	3-1/2	1-5/16	5-13/16	A-1
10 5V 1090 TB			10	4040	4	100	1	4	2-3/16	7-3/16	A-1
2 5V 1180 TB	11.70	11.80	2	3020	3	75	0	1-11/16	5/16	2	B-2
3 5V 1180 TB			3	3020	3	75	0	2	3/8	2-3/8	A-2
4 5V 1180 TB			4	3020	3	75	1/2	2	9/16	3-1/16	A-2
5 5V 1180 TB			5	3020	3	75	1/2	2	1-1/4	3-3/4	A-2
6 5V 1180 TB			6	3535	3-1/2	90	0	3-1/2	15/16	4-7/16	A-2
8 5V 1180 TB			8	3535	3-1/2	90	1	3-1/2	1-5/16	5-13/16	A-1
10 5V 1180 TB			10	4040	4	100	1	4	2-3/16	7-3/16	A-1

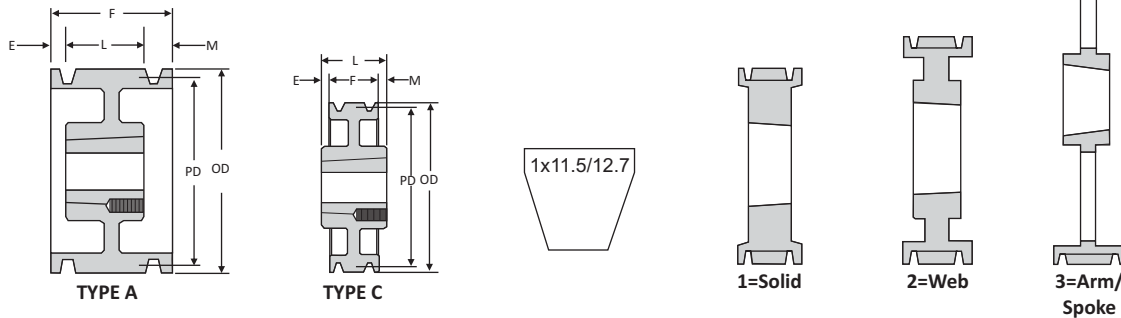
Pulleys for use with “5V” section Belts

Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type
					Imperial (Inches)	Metric (mm)					
2 5V 1250 TB	12.40	12.50	2	3020	3	75	-	1-11/16	5/16	2	B-2
3 5V 1250 TB			3	3020	3	75	-	2	3/8	2-3/8	A-2
4 5V 1250 TB			4	3020	3	75	-	2	1-1/16	3-1/16	A-2
5 5V 1250 TB			5	3535	3-1/2	90	-	3-1/2	1/4	3-3/4	A-2
6 5V 1250 TB			6	3535	3-1/2	90	-	3-1/2	15/16	4-7/16	A-2
8 5V 1250 TB			8	4040	4	100	1/4	4	1-9/16	5-13/16	A-1
10 5V 1250 TB			10	4040	4	100	3/4	4	2-7/16	7-3/16	A-2
2 5V 1320 TB	13.10	13.20	2	3020	3	75	-	1-11/16	5/16	2	B-3
3 5V 1320 TB			3	3020	3	75	-	2	3/8	2-3/8	A-2
4 5V 1320 TB			4	3020	3	75	-	2	1-1/16	3-1/16	A-3
5 5V 1320 TB			5	3535	3-1/2	90	-	3-1/2	1/4	3-3/4	A-2
6 5V 1320 TB			6	3535	3-1/2	90	-	3-1/2	15/16	4-7/16	A-2
8 5V 1320 TB			8	4040	4	100	1/4	4	1-9/16	5-13/16	A-1
10 5V 1320 TB			10	4040	4	100	3/4	4	2-7/16	7-3/16	A-2
2 5V 1400 TB	13.90	14.00	2	3020	3	75	-	1-11/16	5/16	2	B-3
3 5V 1400 TB			3	3020	3	75	-	2	3/8	2-3/8	A-3
4 5V 1400 TB			4	3535	3-1/2	90	-	3-1/16	7/16	3-1/2	B-3
5 5V 1400 TB			5	3535	3-1/2	90	-	3-1/2	1/4	3-3/4	A-3
6 5V 1400 TB			6	3535	3-1/2	90	-	3-1/2	15/16	4-7/16	A-2
8 5V 1400 TB			8	4040	4	100	1/4	4	1-9/16	5-13/16	A-2
10 5V 1400 TB			10	4545	4-1/2	110	3/4	4-1/2	1-15/16	7-3/16	A-2
2 5V 1500 TB	14.90	15.00	2	3020	3	75	-	1-11/16	5/16	2	B-3
3 5V 1500 TB			3	3020	3	75	-	2	3/8	2-3/8	A-3
4 5V 1500 TB			4	3535	3-1/2	90	-	3-1/16	7/16	3-1/2	B-3
5 5V 1500 TB			5	3535	3-1/2	90	-	3-1/2	1/4	3-3/4	A-3
6 5V 1500 TB			6	4040	4	100	-	4	7/16	4-7/16	A-2
8 5V 1500 TB			8	4040	4	100	1/4	4	1-9/16	5-13/16	A-2
10 5V 1500 TB			10	4545	4-1/2	110	3/4	4-1/2	1-15/16	7-3/16	A-2
2 5V 1600 TB	15.90	16.00	2	3020	3	75	-	1-11/16	5/16	2	B-3
3 5V 1600 TB			3	3020	3	75	-	2	3/8	2-3/8	A-3
4 5V 1600 TB			4	3535	3-1/2	90	-	3-1/16	7/16	3-1/2	B-3
5 5V 1600 TB			5	3535	3-1/2	90	-	3-1/2	1/4	3-3/4	A-3
6 5V 1600 TB			6	4040	4	100	-	4	7/16	4-7/16	A-3
8 5V 1600 TB			8	4040	4	100	1/4	4	1-9/16	5-13/16	A-3
10 5V 1600 TB			10	4545	4-1/2	110	3/4	4-1/2	1-15/16	7-3/16	A-2
2 5V 1870 TB	18.60	18.70	2	3020	3	75	-	2	5/16	1-11/16	C-3
3 5V 1870 TB			3	3020	3	75	-	2	3/8	2-3/8	A-3
4 5V 1870 TB			4	3535	3-1/2	90	-	3-1/16	7/16	3-1/2	B-3
5 5V 1870 TB			5	3535	3-1/2	90	-	3-1/2	1/4	3-3/4	A-3
6 5V 1870 TB			6	4040	4	100	-	4	7/16	4-7/16	A-3
8 5V 1870 TB			8	4040	4	100	1/4	4	1-9/16	5-13/16	A-3
10 5V 1870 TB			10	4545	4-1/2	110	3/4	4-1/2	1-15/16	7-3/16	A-2
2 5V 2120 TB	21.10	21.20	2	3535	3-1/2	90	3/8	3-1/2	1-7/16	1-11/16	C-3
3 5V 2120 TB			3	3535	3-1/2	90	0	2-3/8	1-1/8	3-1/2	B-3
4 5V 2120 TB			4	3535	3-1/2	90	0	3-1/16	7/16	3-1/2	B-3
5 5V 2120 TB			5	4040	4	100	0	3-3/4	1/4	4	B-3
6 5V 2120 TB			6	4040	4	100	0	4	7/16	4-7/16	A-3
8 5V 2120 TB			8	4040	4	100	1/4	4	1-9/16	5-13/16	A-3
10 5V 2120 TB			10	4545	4-1/2	110	3/4	4-1/2	1-15/16	7-3/16	A-3

Pulleys for use with “5V” section Belts

Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type
					Imperial (Inches)	Metric (mm)					
2 5V 2360 TB	23.50	23.60	2	3535	3-1/2	90	1/4	3-1/2	1-9/16	1-11/16	C-3
3 5V 2360 TB			3	3535	3-1/2	90	0	3-3/8	1-1/8	3-1/2	B-3
4 5V 2360 TB			4	3535	3-1/2	90	0	3-1/16	7/16	3-1/2	B-3
5 5V 2360 TB			5	4040	4	100	0	3-3/4	1/4	4	B-3
6 5V 2360 TB			6	4040	4	100	0	4	7/16	4-7/16	A-3
8 5V 2360 TB			8	4040	4	100	1/4	4	1-9/16	5-13/16	A-3
10 5V 2360 TB			10	4545	4-1/2	110	3/4	4-1/2	1-15/16	7-3/16	A-3
2 5V 2800 TB	27.90	28.00	2	3535	3-1/2	90	3/8	3-1/2	1-7/16	1-11/16	C-3
3 5V 2800 TB			3	3535	3-1/2	90	0	2-3/8	1-1/8	3-1/2	B-3
4 5V 2800 TB			4	3535	3-1/2	90	0	3-1/16	7/16	3-1/2	B-3
5 5V 2800 TB			5	4040	4	100	0	3-3/4	1/4	4	B-3
6 5V 2800 TB			6	4040	4	100	0	4	7/16	4-7/16	A-3
8 5V 2800 TB			8	4545	4-1/2	110	1/4	4-1/2	1-1/16	5-13/16	A-3
10 5V 2800 TB			10	4545	4-1/2	110	3/4	4-1/2	1-15/16	7-3/16	A-3
3 5V 3150 TB	31.40	31.50	3	3535	3-1/2		11/32	3-1/2	25/32	2-3/8	C-3
4 5V 3150 TB			4	3535	3-1/2	90	0	3-1/16	7/16	3-1/2	B-3
5 5V 3150 TB			5	4040	4	100	0	3-3/4	1/4	4	B-3
6 5V 3150 TB			6	4040	4	100	0	4	7/16	4-7/16	A-3
8 5V 3150 TB			8	4545	4-1/2	110	1/4	4-1/2	1-1/16	5-13/16	A-3
10 5V 3150 TB			10	4545	4-1/2	110	3/4	4-1/2	1-15/16	7-3/16	A-3
3 5V 3750 TB	37.40	37.50	3	4040	4	100	1/2	4	1-1/8	2-3/8	C-3
4 5V 3750 TB			4	4040	4	100	0	3-1/16	15/16	4	B-3
5 5V 3750 TB			5	4040	4	100	0	3-3/4	1/4	4	B-3
6 5V 3750 TB			6	4545	4-1/2	110	0	4-7/16	1/16	4-1/2	B-3
8 5V 3750 TB			8	4545	4-1/2	110	1/4	4-1/2	1-1/16	5-13/16	A-3
10 5V 3750 TB			10	4545	4-1/2	110	3/4	4-1/2	1-15/16	7-3/16	A-3
3 5V 5000 TB	49.90	50.00	3	4040	4	100	1/2	4	1-1/8	2-3/8	C-3
4 5V 5000 TB			4	4040	4	100	0	3-1/16	15/16	4	B-3
5 5V 5000 TB			5	4545	4-1/2	110	0	3-3/4	3/4	4-1/2	B-3
6 5V 5000 TB			6	4545	4-1/2	110	0	4-7/16	1/16	4-1/2	B-3
8 5V 5000 TB			8	4545	4-1/2	110	1/4	4-1/2	1-1/16	5-13/16	A-3
10 5V 5000 TB			10	5050	5	125	3/4	5	1-7/16	7-3/16	A-3

Pulleys for use with "8V" section Belts



Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type
					Imperial (Inches)	Metric (mm)					
4 8V 1250 TB	12.3	12.5	4	4040	4	100	0	4	7/8	4-7/8	A-1
5 8V 1250 TB			5	4040	4	100	3/16	4	1-13/16	6	A-1
6 8V 1250 TB			6	4040	4	100	1	4	2-1/8	7-1/8	A-1
8 8V 1250 TB			8	4545	4-1/2	110	1-1/2	4-1/2	3-3/8	9-3/8	A-1
12 8V 1250 TB			12	5050	5	125	3-3/16	5	5-11/16	13-7/8	A-1
4 8V 1320 TB	13.0	13.2	4	4040	4	100	0	4	7/8	4-7/8	A-1
5 8V 1320 TB			5	4040	4	100	3/16	4	1-13/16	6	A-1
6 8V 1320 TB			6	4040	4	100	1	4	2-1/8	7-1/8	A-1
8 8V 1320 TB			8	4545	4-1/2	110	1-1/2	4-1/2	3-3/8	9-3/8	A-1
10 8V 1320 TB			10	4545	4-1/2	110	1	4-1/2	6-1/8	11-5/8	A-1
12 8V 1320 TB			12	5050	5	125	3	5	5-7/8	13-7/8	A-1
4 8V 1400 TB	13.8	14.0	4	4040	4	100	0	4	7/8	4-7/8	A-1
5 8V 1400 TB			5	4040	4	100	3/16	4	1-13/16	6	A-1
6 8V 1400 TB			6	4040	4	100	1	4	2-1/8	7-1/8	A-1
8 8V 1400 TB			8	4545	4-1/2	110	1-1/2	4-1/2	3-3/8	9-3/8	A-1
10 8V 1400 TB			10	4545	4-1/2	110	1	4-1/2	6-1/8	11-5/8	A-1
12 8V 1400 TB			12	5050	5	125	3-3/16	5	5-11/16	13-7/8	A-1
4 8V 1500 TB	14.8	15.0	4	4040	4	100	0	4	7/8	4-7/8	A-1
5 8V 1500 TB			5	4040	4	100	3/16	4	1-13/16	6	A-1
6 8V 1500 TB			6	4545	4-1/2	110	1/2	4-1/2	2-1/8	7-1/8	A-1
8 8V 1500 TB			8	4545	4-1/2	110	1-1/2	4-1/2	3-3/8	9-3/8	A-1
10 8V 1500 TB			10	5050	5	125	1	5	5-5/8	11-5/8	A-1
12 8V 1500 TB			12	5050	5	125	1-7/8	5	7	13-7/8	A-1
4 8V 1600 TB	15.8	16.0	4	4040	4	100	0	4	7/8	4-7/8	A-1
5 8V 1600 TB			5	4040	4	100	1/2	4	1-1/2	6	A-1
6 8V 1600 TB			6	4545	4-1/2	110	1/2	4-1/2	3-3/8	7-1/8	A-2
8 8V 1600 TB			8	4545	4-1/2	110	1-1/2	4-1/2	3-3/8	9-3/8	A-2
10 8V 1600 TB			10	5050	5	125	1	5	5-5/8	11-5/8	A-1
12 8V 1600 TB			12	5050	5	125	1-7/8	5	7	13-7/8	A-1
4 8V 1700 TB	16.8	17.0	4	4040	4	100	0	4	7/8	4-7/8	A-2
5 8V 1700 TB			5	4545	4-1/2	100	0	4-1/2	1-1/2	6	A-2
6 8V 1700 TB			6	4545	4-1/2	110	1/2	4-1/2	2-1/8	7-1/8	A-2
8 8V 1700 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-2
10 8V 1700 TB			10	5050	5	125	2-1/4	5	4-3/8	11-5/8	A-2
12 8V 1700 TB			12	5050	5	125	3-1/2	5	5-3/8	13-7/8	A-2

Pulleys for use with “8V” section Belts

Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type
					Imperial (Inches)	Metric (mm)					
4 8V 1800 TB	17.8	18.0	4	4040	4	100	0	4	7/8	4-7/8	A-2
5 8V 1800 TB			5	4545	4-1/2	100	0	4-1/2	1-1/2	6	A-2
6 8V 1800 TB			6	4545	4-1/2	110	1/2	4-1/2	2-1/8	7-1/8	A-2
8 8V 1800 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-2
10 8V 1800 TB			10	5050	5	125	2-1/4	5	4-3/8	11-5/8	A-2
12 8V 1800 TB			12	5050	5	125	3-17/32	5	5-11/32	13-7/8	A-2
4 8V 1900 TB	18.8	19.0	4	4040	4	100	0	4	7/8	4-7/8	A-2
5 8V 1900 TB			5	4545	4-1/2	100	0	4-1/2	1-1/2	6	A-2
6 8V 1900 TB			6	4545	4-1/2	110	1/2	4-1/2	2-1/8	7-1/8	A-2
8 8V 1900 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-2
10 8V 1900 TB			10	5050	5	125	2-1/4	5	4-3/8	11-5/8	A-2
12 8V 1900 TB			12	5050	5	125	2-1/4	5	6-5/8	13-7/8	A-2
4 8V 2000 TB	19.8	20.0	4	4545	4-1/2	100	0	4-1/2	3/8	4-7/8	A-2
5 8V 2000 TB			5	4545	4-1/2	100	0	4-1/2	1-1/2	6	A-2
6 8V 2000 TB			6	5050	5	125	1/2	5	1-5/8	7-1/8	A-2
8 8V 2000 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-2
10 8V 2000 TB			10	5050	5	125	2-1/4	5	4-3/8	11-5/8	A-2
12 8V 2000 TB			12	5050	5	125	2-1/4	5	6-5/8	13-7/8	A-2
4 8V 2120 TB	21.0	21.2	4	4545	4-1/2	100	0	4-1/2	3/8	4-7/8	A-3
5 8V 2120 TB			5	4545	4-1/2	100	0	4-1/2	1-1/2	6	A-3
6 8V 2120 TB			6	5050	5	125	1/2	5	1-5/8	7-1/8	A-3
8 8V 2120 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-3
10 8V 2120 TB			10	5050	5	125	2-1/4	5	4-3/8	11-5/8	A-2
12 8V 2120 TB			12	5050	5	125	2-1/4	5	6-5/8	13-7/8	A-2
4 8V 2240 TB	22.2	22.4	4	4545	4-1/2	100	0	4-1/2	3/8	4-7/8	A-3
5 8V 2240 TB			5	4545	4-1/2	100	0	4-1/2	1-1/2	6	A-3
6 8V 2240 TB			6	5050	5	125	1/2	5	1-5/8	7-1/8	A-3
8 8V 2240 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-3
10 8V 2240 TB			10	5050	5	125	2-1/4	5	4-3/8	11-5/8	A-3
12 8V 2240 TB			12	5050	5	125	2-1/4	5	6-5/8	13-7/8	A-3
4 8V 2480 TB	24.6	24.8	4	5050	5	125	0	5	1/8	4-7/8	C-3
5 8V 2480 TB			5	5050	5	125	0	5	1	6	A-3
6 8V 2480 TB			6	5050	5	125	1/2	5	1-5/8	7-1/8	A-3
8 8V 2480 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-3
10 8V 2480 TB			10	5050	5	125	2-1/4	5	4-3/8	11-5/8	A-3
12 8V 2480 TB			12	5050	5	125	5-3/8	5	3-1/2	13-7/8	A-3
4 8V 3000 TB	29.8	30.0	4	5050	5	125	0	5	1/8	4-7/8	C-3
5 8V 3000 TB			5	5050	5	125	0	5	1	6	A-3
6 8V 3000 TB			6	5050	5	125	1/2	5	1-5/8	7-1/8	A-3
8 8V 3000 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-3
10 8V 3000 TB			10	5050	5	125	2-1/4	5	4-3/8	11-5/8	A-3
12 8V 3000 TB			12	6050	6	150	4	5	4-7/8	13-7/8	A-3
4 8V 3550 TB	35.3	35.5	4	5050	5	125	0	5	1/8	4-7/8	C-3
5 8V 3550 TB			5	5050	5	125	0	5	1	6	A-3
6 8V 3550 TB			6	5050	5	125	1/2	5	1-5/8	7-1/8	A-3
8 8V 3550 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-3
10 8V 3550 TB			10	6050	6	150	2-1/4	5	4-3/8	11-5/8	A-3
12 8V 3550 TB			12	6050	6	150	4	5	4-7/8	13-7/8	A-3

Pulleys for use with “8V” section Belts

Product Code	Pitch Diameter (PD) (Inches)	Outer Diameter (OD) (Inches)	Number of grooves	Bush Number	Bush Max. Bore		E	L	M	F	Pulley Type
					Imperial (Inches)	Metric (mm)					
4 8V 4000 TB	39.8	40.0	4	5050	5	125	0	5	1/8	4-7/8	C-3
5 8V 4000 TB			5	5050	5	125	0	5	1	6	A-3
6 8V 4000 TB			6	5050	5	125	1/2	5	1-5/8	7-1/8	A-3
8 8V 4000 TB			8	5050	5	125	1	5	3-3/8	9-3/8	A-3
10 8V 4000 TB			10	6050	6	150	2-1/4	5	4-3/8	11-5/8	A-3
12 8V 4000 TB			12	6050	6	150	4	5	4-7/8	13-7/8	A-3
4 8V 4450 TB	44.3	44.5	4	5050	5	125	0	5	1/8	4-7/8	C-3
5 8V 4450 TB			5	5050	5	125	0	5	1	6	A-3
6 8V 4450 TB			6	5050	5	125	1/2	5	1-5/8	7-1/8	A-3
8 8V 4450 TB			8	6050	5	125	1	5	3-3/8	9-3/8	A-3
10 8V 4450 TB			10	6050	6	150	2-1/4	5	4-3/8	11-5/8	A-3
12 8V 4450 TB			12	6050	6	150	4	5	4-7/8	13-7/8	A-3
4 8V 5300 TB	52.8	53.0	4	5050	5	125	0	5	1/8	4-7/8	C-3
5 8V 5300 TB			5	5050	5	125	0	5	1	6	A-3
6 8V 5300 TB			6	5050	5	125	1/2	5	1-5/8	7-1/8	A-3
8 8V 5300 TB			8	6050	6	150	1	5	3-3/8	9-3/8	A-3
10 8V 5300 TB			10	6050	6	150	2-1/4	5	4-3/8	11-5/8	A-3
12 8V 5300 TB			12	7060	6	150	5	6	2-7/8	13-7/8	A-3

V-Belt Pulleys with Pilot Bore



Pilot bore pulleys are generally required in case of non standard shaft diameters. Pilot bore pulleys require back-reaming or enlarging bore diameter to suit to the shaft diameter.

PIX-PowerWare® Pilot bore pulleys are available in standard sections of V-Belt, Poly V-Belt & Timing Belts. They can also be supplied as per customer specific requirements. They are made of superior material with consistent quality and surface finish. Adequate surface treatment is done to avoid rusting and corrosion to improve the appearance & wear resistance.

Poly-V & Timing Pulleys



Note

An extensive range of Poly-V and Timing Pulleys in Taper and Pilot Bore is available on request.

PIX-PowerWare® Bush Dimensions

Taper Lock Bush Number	Taper Lock Bush Code	Nominal Dia at the Larger End of Taper (mm)	Face Width (mm)	Minimum Bore (mm)	Maximum Bore (mm)
1008	TLB1008009 to TLB1008025	35.0	22	9	25
1108	TLB1108009 to TLB1108028	38.0	22	9	28
1210	TLB1210011 to TLB1210032	47.5	25	11	32
1215	TLB1215011 to TLB1215032	47.5	38	11	32
1310	TLB1310014 to TLB1310035	51.0	25	14	35
1610	TLB1610014 to TLB1610042	57.0	25	14	42
1615	TLB1615014 to TLB1615042	57.0	38	14	42
2012	TLB2012014 to TLB2012050	70.0	32	14	50
2517	TLB2517016 to TLB2517060	85.5	45	16	60
2525	TLB2525019 to TLB2525060	85.5	65	19	60
3020	TLB3020025 to TLB3020075	108.0	51	25	75
3030	TLB3030035 to TLB3030075	108.0	76	35	75
3525	TLB3525048 to TLB3525090	127.0	65	48	90
3535	TLB3535035 to TLB3535090	127.0	89	35	90
4040	TLB4040040 to TLB4040100	146.0	102	40	100
4545	TLB4545055 to TLB4545110	162.0	114	55	110
5050	TLB5050070 to TLB5050125	177.5	127	70	125

Metric Bores, Keyway, Keys & Screws

Bush No.	Nominal Diameter at Larger End	Taper Lock Bush Code	Bore Diameter (mm)	Keyway (mm)		Key (mm)		Screw Tightening Torque(Nm)	Screw Details	
				Width (w)	Depth (h)	Width (w)	Depth (h)		Qty.	Size
1008	35	TLB1008009 to TLB1008025	9 - 10	3	1.4	3	3	56	2	1/4"
			11 - 12	4	1.8	4	4			
			13 - 17	5	2.3	5	5			
			18 - 22	6	2.8	6	6			
			23 - 25	8	3.3	8	7			
1108	38	TLB1108009 to TLB1108028	9 - 10	3	1.4	3	3	56	2	1/4"
			11 - 12	4	1.8	4	4			
			13 - 17	5	2.3	5	5			
			18 - 22	6	2.8	6	6			
			23 - 28	8	3.3	8	7			
1210	47.5	TLB1210011 to TLB1210032	11 - 12	4	1.8	4	4	20	2	3/8"
			13 - 17	5	2.3	5	5			
			18 - 22	6	2.8	6	6			
			23 - 30	8	3.3	8	7			
			31 - 32	10	3.3	10	8			
1215	47.5	TLB1215011 to TLB1215032	11 - 12	4	1.8	4	4	20	2	3/8"
			13 - 17	5	2.3	5	5			
			18 - 22	6	2.8	6	6			
			23 - 30	8	3.3	8	7			
			31 - 32	10	3.3	10	8			
1310	51	TLB1310014 to TLB1310035	14 - 17	5	2.3	5	5	20	2	3/8"
			18 - 22	6	2.8	6	6			
			23 - 30	8	3.3	8	7			
			31 - 35	10	3.3	10	8			
1610	57	TLB1610014 to TLB1610042	14 - 17	5	2.3	5	5	20	2	3/8"
			18 - 22	6	2.8	6	6			
			23 - 30	8	3.3	8	7			
			31 - 38	10	3.3	10	8			
			39 - 42	12	3.3	12	8			
1615	57	TLB1615014 to TLB1615042	14 - 17	5	2.3	5	5	20	2	3/8"
			18 - 22	6	2.8	6	6			
			23 - 30	8	3.3	8	7			
			31 - 38	10	3.3	10	8			
			39 - 42	12	3.3	12	8			
2012	70	TLB2012014 to TLB2012050	14 - 17	5	2.3	5	5	31	2	7/16"
			18 - 22	6	2.8	6	6			
			23 - 30	8	3.3	8	7			
			31 - 38	10	3.3	10	8			
			39 - 44	12	3.3	12	8			
2517	85.5	TLB2517016 to TLB2517060	45 - 50	14	3.8	14	9	48	2	1/2"
			16 - 17	5	2.3	5	5			
			18 - 22	6	2.8	6	6			
			23 - 30	8	3.3	8	7			
			31 - 38	10	3.3	10	8			
			39 - 44	12	3.3	12	8			
			51 - 58	16	4.3	16	10			
			59 - 60	18	4.4	18	11			
2525	85.5	TLB2525019 to TLB2525060	19 - 22	6	2.8	6	6	48	2	1/2"
			23 - 30	8	3.3	8	7			
			31 - 38	10	3.3	10	8			
			39 - 44	12	3.3	12	8			
			45 - 50	14	3.8	14	9			
			51 - 58	16	4.3	16	10			
			59 - 60	18	4.4	18	11			

Metric Bores, Keyway, Keys & Screws

Bush No.	Nominal Diameter at Larger End	Taper Lock Bush Code	Bore Diameter (mm)	Keyway (mm)		Key (mm)		Screw Tightening Torque(Nm)	Screw Details	
				Width (w)	Depth (h)	Width (w)	Depth (h)		Qty.	Size
3020	108	TLB3020025 to TLB3020075	25 - 30	8	3.3	8	7	90	2	5/8"
			31 - 38	10	3.3	10	8			
			39 - 44	12	3.3	12	8			
			45 - 50	14	3.8	14	9			
			51 - 58	16	4.3	16	10			
			59 - 65	18	4.4	18	11			
66 - 75	20	4.9	20	12						
3030	108	TLB3030035 to TLB3030075	35 - 38	10	3.3	10	8	90	2	5/8"
			39 - 44	12	3.3	12	8			
			45 - 50	14	3.8	14	9			
			51 - 58	16	4.3	16	10			
			59 - 65	18	4.4	18	11			
			66 - 75	20	4.9	20	12			
3525	127	TLB3525048 to TLB3525090	48 - 50	14	3.8	14	9	113	3	1/2"
			51 - 58	16	4.3	16	10			
			59 - 65	18	4.4	18	11			
			66 - 75	20	4.9	20	12			
			76 - 86	22	5.4	22	14			
			86 - 90	25	5.4	25	14			
3535	127	TLB3535035 to TLB3535090	35 - 38	10	3.3	10	8	113	3	1/2"
			39 - 44	12	3.3	12	8			
			45 - 50	14	3.8	14	9			
			51 - 58	16	4.3	16	10			
			59 - 65	18	4.4	18	11			
			66 - 75	20	4.9	20	12			
			76 - 86	22	5.4	22	14			
			86 - 90	25	5.4	25	14			
4040	146	TLB4040040 to TLB4040100	40 - 44	12	3.3	12	8	170	3	5/8"
			45 - 50	14	3.8	14	9			
			51 - 58	16	4.3	16	10			
			59 - 65	18	4.4	18	11			
			66 - 75	20	4.9	20	12			
			76 - 86	22	5.4	22	14			
			86 - 96	25	5.4	25	14			
			96 - 100	28	6.4	28	16			
4545	162	TLB4545055 to TLB4545110	55 - 58	16	4.3	16	10	192	3	3/4"
			59 - 65	18	4.4	18	11			
			66 - 75	20	4.9	20	12			
			76 - 86	22	5.4	22	14			
			86 - 96	25	5.4	25	14			
			96 - 110	28	6.4	28	16			
5050	177.5	TLB5050070 to TLB5050125	70 - 75	20	4.9	20	12	271	3	7/8"
			76 - 86	22	5.4	22	14			
			86 - 96	25	5.4	25	14			
			96 - 110	28	6.4	28	16			
			111 - 125	32	7.4	32	18			

Keyways are British Standard Metric B.S. 4235: Part 1:1972 and conform to I.S.O recommendations.

Where a key is to be used it should be parallel and side fitting with top clearance. Depth of keyway is measured at the center.

Note: Taper Lock Bush with Imperial bores can also be supplied.

Installation procedure for pulleys

To Install: Clean the shaft; remove oil stains, lacquer and visible dirt. Wipe it dry, with a clean rag. Look for any burrs on the shaft, or any deformity in the key-way before proceeding. Do not use oil or grease to lubricate the shaft. Follow steps 1 to 4 as shown in below pictures.

Step 1:



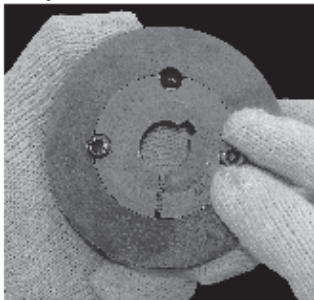
First insert the bush in the pulley

Step 2:



Match the holes of pulleys with those of the bush

Step 3:



Insert the set-screws manually, tighten them with fingers till possible

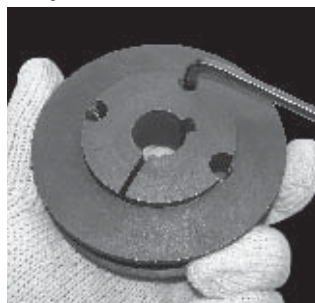
Step 4:



Tighten them further using allen-key
Tighten the screws alternately

To Remove: Carefully remove all the set-screws and insert the screw in the ejecting hole as shown in below picture.

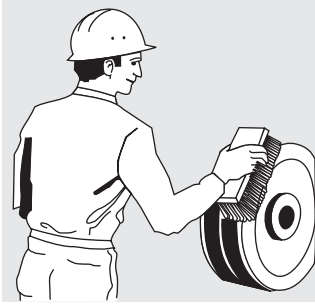
Step 5:



Tighten the screw in the ejecting hole to release the bush

Note: Preferably use a torque-wrench to tighten the screws

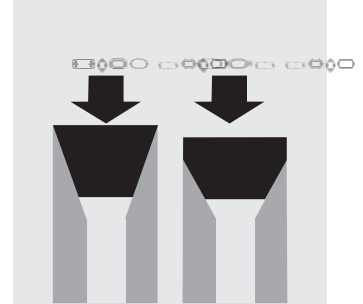
Pulley maintenance tips



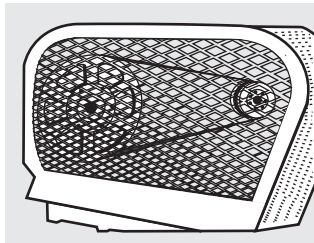
Follow a schedule of cleaning the pulley grooves on regular basis.



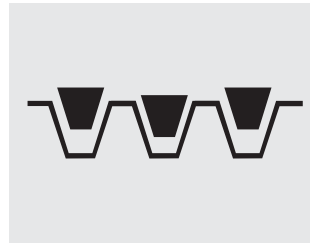
Presence of foreign material may lead to a permanent damage to the pulley.



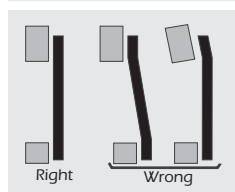
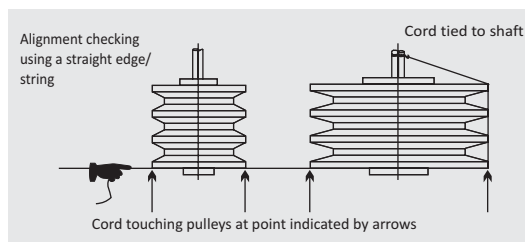
Inspect pulley grooves. Worn-out grooves provide allowance for the Belts to slip, leading to a premature failure of the Belts. Replace the pulley, if grooves are worn-out.



Drive guard is a must to ensure safety and cleanliness. Screened meshed or grilled guards are the best for heat dissipation. Select a proper mesh size which will prevent the entry of human finger or any other object.



Change in ride out/in indicates worn-out of the pulleys.



Check alignment. Proper alignment is a must for longer Belt and pulley life. For satisfactory service, pulley misalignment should not exceed 1/3rd of the degree of the span.

Application matrix

Industry	Application	Recommended Section	PIX Product
Mining construction crushing	Collectors Conveyors High pressure pumps Rotary compressors Pulverisers	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow	PIX-X'set® PIX-X'tra®
	Coal mining	Wrap & Raw Edge Cogged Belts - FRAS	PIX-FRAS®-XS PIX-FRAS®-XR
	Bucket elevators	Wrap & Raw Edge Cogged - Classical, Wedge,	PIX-X'set® PIX-X'tra®
Power segment	Boiler fan ID fan PA Fan	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow	PIX-X'set® PIX-X'tra®
	Crusher - Coal	Wrap - Classical, Wedge, Narrow, Banded & Gallant	PIX-X'set® PIX-DuraBand®-XS PIX-GALLANT®-XS , HXS
	High pressure Pumps Compressors	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow	PIX-X'set® PIX-X'tra®
Steel industries	Heavy section & structural mills TMT bar rolling mills Cold rolling mill Hot rolling mill Wire rod mill	Wrap - Classical, Wedge, Narrow, Banded & Gallant	PIX-X'set® PIX-DuraBand®-XS PIX-GALLANT®-XS , HXS
	Rotary & centrifugal compressors Vibratory screens Pulverisers	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow, Banded	PIX-X'set® PIX-X'tra® PIX-DuraBand®-XS
	Pumps Generators & excitors Blowers	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow, Banded	PIX-X'set® PIX-X'tra® PIX-DuraBand®
Ceramic	Conveying application - specially used in facilities line the glaze, polishing lines, and transmission line	PT - 6 PT - HC PT - O	PIX-CERAMICA®-XS PIX-TEXTURA®-XS PIX-ECHELON®-XS
	Pumps Blowers Ball mills	Wrap & Raw Edge Cogged - Classical , Wedge , Narrow, High temperature	PIX-X'set® PIX-X'tra® PIX-THERMAL®
General applications	House hold application Fractional hp motors Domestic appliances Light duty applications Dryers	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow, Light Duty Single V-Belts - FHP Poly V-Belts	PIX-X'set® PIX-X'tra® PIX-X'ceed®
	General packaging machineries	Top Coat Poly V-Belt Top Coat Timing	PIX-TopCoat®-XC PIX-TopCoat®-XT

Application matrix

Industry	Application	Recommended Section	PIX Product
Textile	Loom	Wrap - Classical	PIX-LOOM®
	Spinning mill	Raw Edge Cogged - Variable Speed Timing Belt	PIX-PowerTex®-XV PIX-X'act®
	Weaving Vacuum pump Air compressor Generators & excitors Blower	Wrap - Classical, Wedge, Narrow Raw Edge Cogged - Classical	PIX-X'set® PIX-X'tra®
Rice /Flour mills	Flour mill Rice Mills	Wrap & Raw Edge Cogged - Hexagonal Belts Poly+Timing Belt	PIX-DUO® -XS PIX-DUO® -XR PIX-BRAWN® -XT
	Air compressor Blower	Wrap & Raw Edge Cogged- Classical, Wedge , Narrow	PIX-X'set® PIX-X'tra®
Cement	Crushers - Stone, Cone, Impact	Wrap - Classical, Wedge, Narrow, Banded & Gallant	PIX-X'set® PIX-DuraBand® -XS PIX-GALLANT®-XS , HXS
	Pulverisers	Wrap - Classical, Wedge, Narrow, Banded, Muscle	PIX-X'set® PIX-X'tra® PIX -MUSCLE®
	Industrial fans Pumps Centrifugal compressors	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow	PIX-X'set® PIX-X'tra®
	Bucket elevators Conveyor	Wrap & Raw Edge Cogged - Classical, Wedge	PIX-X'set® PIX-X'tra®
	Vibratory Screens	Wrap - Classical, Wedge, Narrow, Banded	PIX-X'set® PIX-X'tra® PIX-DuraBand®
	Ball mills	Wrap - Classical, Wedge, Narrow, Banded , Muscle	PIX-X'set® PIX-X'tra® PIX-MUSCLE®
	Packaging unit	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow	PIX-X'set® PIX-X'tra®
	Coal mining	Wrap & Raw Edge Cogged - FRAS	PIX-FRAS®-XS PIX-FRAS®-XR
	Vertical shaft drives	Wrap - Classical, Wedge, Narrow, Banded, Muscle	PIX-X'set® PIX-X'tra® PIX-MUSCLE®
	Generators & excitors	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow, Banded	PIX-X'set® PIX-X'tra® PIX-DuraBand®
	Mining construction crushing	Crushers - Stone, cone, Jaw Surface miners	Wrap - Classical, Wedge, Narrow, Banded & Gallant
Spreaders		Wrap & Raw Edge Cogged - Classical, Wedge, Narrow, Banded, Muscle	PIX-X'set® PIX-X'tra® PIX-MUSCLE®

Application matrix

Industry	Application	Recommended Section	PIX Product
General applications	Printers & official appliances	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow Timing Belts	PIX-X'set® PIX-X'tra® PIX-X'act®
Oil & Petroleum	Petrochemical applications	Wrap & Raw Edge Cogged - FRAS	PIX-FRAS®-XS, XR
	Lawn Mower	Wrap Dry Cover	PIX-LawnMaster®
Food processing	Process machineries	Wrap , PTO, Dry Cover	PIX-X'set®, PIX-ECHELON-XS PIX-DryCover®
	Furnace	Wrap & Raw Edge Cogged High Temperature	PIX-THERMAL®
	Boiler	Wrap & Raw Edge Cogged - Classical, Wedge, Narrow	PIX-X'set® PIX-X'tra®
Machine tools	CNC, Lathe, Milling, Grinding	Poly, Timing	PIX-X'ceed® PIX-X'act®
Pharmaceuticals	Pharma applications	Dry Cover	PIX-DryCover®
Wood Working	Wood processing	Wrap - Classical, Wedge, Narrow, Banded & Gallant	PIX-X'set® PIX-DuraBand®-XS PIX-GALLANT®-XS , HXS
Cold storages	Compressors	Wrap & Raw Edge Cogged	PIX-X'set® PIX-X'tra®
	Snow mobiles Torque convertor	Single & Double Cogged Variable Speed Belts Raw Edge Cogged	PIX-WHITEKNIGHT® PIX-ASYMMETRA®
	Medical equipment	PT - U	PT-U
Steel industries	Bulldozers, military engineering vehicles, excavators, backhoe loaders, harvester, construction & mining trucks, loaders, forklift trucks, underground mining equipment, dump trucks	Wrap, Raw Edge Cogged, Poly V-Belts	PIX-VANQUISH®

Abbreviations:

Tw: Top width

Th: Thickness

Wp: Pitch width

θ: Included angle

Li: Inside length

Lp: Pitch length

La: Outside length

Min: Minimum

Max: Maximum

Dia.: Diameter

PIX Group of Companies

Nagpur & Mumbai, India | Ipswich, UK
Paderborn, Germany | Dubai, UAE