

PIX Belt Catalogue



PIX-GALLANT®-HXS 3HSPC 3000 Lp
PIX-GALLANT®-HXS 3HSPC 3000 Lp
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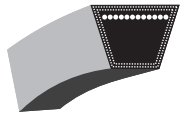
PIX-MUSCLE®-XR3 XPB 1700
PIX-MUSCLE®-XR3 XPB 1700

PIX-TorquePlus®-XT2 2100 14M
PIX-TorquePlus®-XT2 2100 14M
PIX-TorquePlus®-XT2 2100 14M

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PIX-X'set® WRAP CONSTRUCTION BELTS



CLASSICAL SECTION

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Standard	Min. Pulley Dia. (mm)	Mfg. Range		Belt Length Factor			Length Desig.
						Min.	Max.	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)	
8	8.0	5.0	40	DIN 2215-1975	40	39"	174"	12	19	31	Li
Z	10.0	6.0	40	IS 2494, BS 3790, ISO 4184	50	9.5"	176"	16	22	38	Li
A	13.0	8.0	40	IS 2494, BS 3790, ISO 4184	71	13"	357"	14	36	50	Li
B	17.0	11.0	40	IS 2494, BS 3790, ISO 4184	112	16"	900"	26	43	69	Li
20	20.0	13.0	40	DIN 2215-1975	160	31.5"	900"	31	48	79	Li
C	22.0	14.0	40	IS 2494, BS 3790, ISO 4184	180	31"	900"	32	56	88	Li
25	25.0	16.0	40	DIN 2215-1975	250	57"	900"	39	61	100	Li
D	32.0	19.0	40	IS 2494, BS 3790, ISO 4184	355	44.5"	900"	40	79	119	Li
E	38.0	23.0	40	IS 2494	500	90"	900"	53	92	145	Li

WEDGE SECTION

SPZ	10.0	8.0	40	BS 3790	63	365mm	4000mm	13	37	50	Lp
SPA	13.0	10.0	40	BS 3790	90	576mm	9110mm	18	45	63	Lp
SPB	17.0	14.0	40	BS 3790	140	1000mm	16824mm	28	60	88	Lp
19	19.0	15.0	40	DIN 7753	180	2253mm	9137mm	25	69	94	Lp
SPC	22.0	18.0	40	BS 3790	224	1861mm	22943mm	30	83	113	Lp

NARROW SECTION

3V	9.7	8.0	40	RMA IP 22	63	19.5"	160"	13	37	50	La
5V	15.8	14.0	40	RMA IP 22	140	47"	657"	25	60	85	La
8V	25.4	23.0	40	RMA IP 22	335	100"	905"	53	92	145	La

LIGHT DUTY SINGLE V-BELTS

3L	9.65	5.59	40	RMA IP 23	45	10.5"	177"	16	22	38	La
4L	12.7	7.87	40	RMA IP 23	65	15.0"	359"	14	36	50	La
5L	16.7	9.65	40	RMA IP 23	91	21.0"	242"	26	43	69	La

Features:

- Oil resistant & antistatic
- Maximum Belt linear speed (Classical section: up to 30 m/sec, Wedge: up to 42 m/sec, Narrow: up to 45 m/sec)
- Temperature range: -18°C to +80°C
- ATEX certified FRAS Belts are also available

Application: Industrial drives such as pumps, generators, ball-mills, crushers, compressors etc.

Note: Intermediate sizes are available upon request

PIX-DuraBand®-XS BANDED BELTS

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



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Manufacturing Range		Length Desig.
					Min.	Max.	
HZ	10.0	8.50	40	10.3	45"	174"	Li
HA	13.0	10.0	40	15.9	33"	255"	Li
HB	17.0	13.0	40	19.0	43"	370"	Li
HC	22.0	16.0	40	25.5	47"	900"	Li
HD	32.0	21.5	40	37.0	90"	900"	Li
HE	38.0	27.0	40	44.5	90"	900"	Li
HSPZ	10.0	10.0	40	12.0	1205 mm	9080 mm	Lp
HSPA	13.0	12.0	40	15.0	959 mm	4515 mm	Lp
HSPB	17.0	16.0	40	19.0	1762 mm	9331 mm	Lp
HSPC	22.0	20.0	40	25.5	2267 mm	22943 mm	Lp
H3V	9.70	10.0	40	10.3	37"	180"	La
H5V	15.8	16.0	40	17.5	51"	663"	La
H8V	25.4	25.0	40	28.6	100"	905"	La

Note: B, C, D, E, SPC & 8V section Belts in single and banded constructions can be supplied up to 1000" or 25400 mm

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
- Temperature range: -18°C to +80°C
- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available
- Manufactured through single-stage-curing process

Application: Vertical shaft drives, agricultural drives, stone crushers, compressors, generator sets etc.

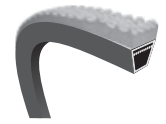
PIX - SPECIAL CONSTRUCTION BELTS



PIX-ECHELON®-XS (PT-O)

For food-grain & ceramic industry

Section	Top Width (mm)	Thickness (mm)	Pattern Height (mm)	Angle (Degrees)	Manufacturing Range		Length Desig.
					Min.	Max.	
B (17x14)	17.0	14.0	3.0	40	85"	900"	Li
B (17x16)	17.0	16.0	5.0	40	85"	900"	Li
A (13x13)	13.0	13.0	5.0	40	48"	356"	Li
37 x 25	37.0	25.0	5.0	40	161"	900"	Li



PIX-TEXTURA®-XS (PT-HC)

For ceramic and general industries

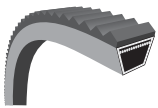
B (17x17)	17.0	17.0	6.0	40	42"	900"	Li
C (22x20)	22.0	20.0	6.0	40	66"	900"	Li



PIX-CERAMICA®-XS (PT-6)

For ceramic industry

B (17x22)	17.0	22.0	11.0	40	85"	357"	Li
B (17x26)	17.0	26.0	15.0	40	66"	356"	Li
C (22x25)	22.0	25.0	11.0	40	73"	320"	Li



PIX-EXTRACTOR®-XS (PT-7)

For carrot harvesting machines, horticultural industry

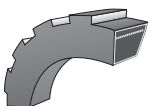
37(37x25)	37.0	25.0	7.0	40	116"	375"	Li
D (32x26)	32.0	26.0	7.0	40	142"	900"	Li



PIX-X'press®-XS

For tiles industry

20 x 12.5	20.0	15.0	2.5	40	155"	900"	Li
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PIX-PTU

For medical equipment

B	17.0	16.5	5.5	40	36.5"		Li
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Features:

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

PIX-MUSCLE®-XS3 HIGH POWER, MAINTENANCE-FREE BELTS



Section	Mfg. 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.

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

Application:

Wire rope manufacturing industry, steel industry, power plants, textile industry, pharmaceutical Industry, food processing units

PIX-FRAS® FIRE RESISTANT, ANTISTATIC BELTS



PIX-FRAS® - XS

Product Range:

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

PIX-FRAS®-HXS BANDED BELTS

Product Range:

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

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 MΩ against 2 MΩ, 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: -25°C to +100°C

Application: Coal mines, fire prone areas, petrochemical installations etc.



PIX-GALLANT® HEAVY DUTY, HIGH POWER BELTS



PIX-GALLANT® - XS

Product Range:

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

PIX-GALLANT®-HXS BANDED BELTS

Product Range:

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

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-wood cutter. Mining: Surface miner, stacker, excavators, re-claimers
Construction - Stone crushers, jaw crushers, cone crushers. Manufacturing: Ball-mills, pumps, VRM

PIX-IGLOO® LOW TEMPERATURE BELTS



PIX-IGLOO®-XS

Product Range:

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

PIX-IGLOO®-HXS BANDED BELTS

Product Range:

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

Features:

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

Application: Cooling tunnels, cold storage for conveying purpose, low ambient temperature drives etc.

PIX-GreenPower®-XS HALOGEN FREE BELTS

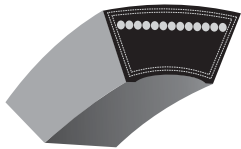


Features:

- Trouble free and efficient performance without any harmful emissions
- Eco-friendly Belts
- REACH and RoHS compliant
- Smooth-running operation
- Halogen-free
- Helps maintain pollution free environment
- Temperature range: -18°C to +80°C

Product Range: All Classical, Wedge & Narrow Belts

PIX-X'set® - VS VARIABLE SPEED BELTS



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

Section	Angle (Degrees)	Manufacturing Range (mm)		Length Desig.
		Min.	Max.	
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
51x20 / HM	30	1891	9588	Lp
55x22	30	1921	6671	Lp
60x25	30	1956	6681	Lp

(Non-standard sizes)

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

Features:

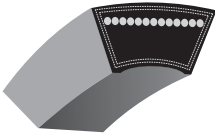
- Excellent transverse rigidity and flexibility to prevent bucking at minimum diameter settings where Belt stress is more
- Firm gripping action in the contact areas; provide positive traction for precise, immediate response
- Higher power transmission than regular Belts
- Longer service-life
- Facilitates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

Application:

Variable speed pulley drives requiring exact speed control and maximum range of speed changes. They are ideal for recreational equipment, agricultural applications and machine tools.

PIX-HARVESTER® AGRICULTURAL BELTS

PIX-HARVESTER® HARVESTER BELTS



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range		Length Designation
				Min.	Max.	
B (17x11)	17.0	11.0	40	16"	900"	Li
19x11	19.0	11.0	40	41.6"	155"	Li
20x12.5	20.0	12.5	40	31.4"	900"	Li
22x11	22.0	11.0	40	62"	354"	Li
C (22x14)	22.0	14.0	40	31"	900"	Li
22x16	22.0	16.0	40	68"	258"	Li
25x16	25.0	16.0	40	57"	900"	Li
25x13	25.0	13.0	30	42.5"	354"	Li
30x12	30.0	12.0	30	37.4"	260"	Li
32x15	32.0	16.0	34	43.7"	322"	Li
38x18	38.0	18.0	30	56"	358"	Li
40x20	40.0	20.0	30	68"	259"	Li
45x20	45.0	20.0	30	60"	345"	Li
50x20	50.0	20.0	34	71"	374"	Li
55x22	55.0	22.0	30	72"	259"	Li
60x25	60.0	25.0	30	73"	259"	Li
68x24	68.0	24.0	32	100"	356"	Li

PIX-HARVESTER® - AGF FLAT BELTS



70Fx4	70.0	4.0	-	68"	252"	Li
80Fx4	80.0	4.0	-	68"	252"	Li
30Fx6	30.0	6.0	-	110"	900"	Li
50Fx6	50.0	6.0	-	39"	80"	Li
75Fx6	75.0	6.0	-	106"	352"	Li
80Fx6	80.0	6.0	-	77"	340"	Li
95Fx6	95.0	6.0	-	106"	315"	Li
100Fx6	100.0	6.0	-	85"	352"	Li
114Fx6	114.0	6.0	-	106"	317"	Li
120Fx6	120.0	6.0	-	106"	317"	Li
125Fx6	125.0	6.0	-	68"	252"	Li
127Fx6	127.0	6.0	-	106"	317"	Li
135Fx6	135.0	6.0	-	106"	342"	Li
140Fx6	140.0	6.0	-	106"	342"	Li
150Fx6	150.0	6.0	-	106"	317"	Li

Note: Intermediate sizes are available upon request.

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: -18°C to +80°C

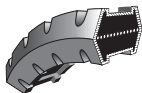
PIX-DUO® DOUBLE SIDED BELTS

PIX-DUO® - XS HEXAGONAL BELTS



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

PIX-DUO® - XS-N WRAP DOUBLE SIDED NOTCHED BELTS



N-CC	24.0	30.0	40	224.0	155"	900"	Lp
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Features:

- Absolutely flexible
- Transmit power from both the sides
- This special construction allows Belt to be used in "serpentine-drive" system, such as rice mills, textile mills
- Temperature range: -18°C to +80°C

PIX-ENFORCER®-XS RICE HARVESTER BELTS



Section	Top Width	Thickness	Mfg. Range		Length Desig.
			Min.	Max.	
B	16.7mm	9.65mm	35"	239"	Li
C	22.0mm	11.0mm	42"	354"	Li

Features:

- Higher power transmission capacity in comparison to regular belts
- Good mechanical strength
- Lowest elongation and slippage
- Lesser belt deformation, longer service life
- Reduced number of belts
- Antistatic, oil and heat resistant
- Suitable for applications comprising of high shock loads which is caused due to sudden start / stop of the machine
- Temperature range: -25°C to +100°C

Application: Rice harvesters

PIX-VALIANT®-XS RICE HARVESTER BELTS



Section	Top Width	Thickness	Mfg. Range		Length Desig.
			Min.	Max.	
B	16.7mm	9.65mm	35"	239"	Li
C	22.0mm	11.0mm	42"	354"	Li

Features:

- Higher power transmission capacity in comparison to regular belts
- Good mechanical strength
- Crack & damage free in high temperature applications
- Antistatic, oil and heat resistant
- Suitable for applications where reverse idlers have to be used
- Extended temperature range: -25°C to +100°C

Application: Rice harvesters

PIX-LawnMaster®-XS LAWN MOWER BELTS



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range		Length Desig.
				Min.	Max.	
3L	9.65	5.59	40	10.5"	177"	La
4L	12.7	7.87	40	15.0"	359"	La
5L	16.7	9.65	40	21.0"	242"	La

Note: Intermediate sizes and OEM parts are available upon request.

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

Application: Lawn & garden machinery

PIX-DryCover® DRY COVER BELTS



PIX-DryCover® - XS

Product Range:

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

PIX-DryCover® - HXS BANDED BELTS

Product Range:

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

Features:

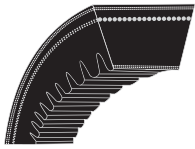
- Suitable for drives having clutch applications
- Designed for applications where contamination is not accepted
- Available in polyester and Kevlar® cord constructions
- Available in different colours - blue, green, brown, red, black & white
- Temperature range: -18°C to +80°C

Range: Entire range of wrapped Belts (Classical, Wedge, Narrow & Light Duty) Single, Banded and Varispeed

Application: Chemical, pharmaceuticals, food industry etc

PIX-X'tra® RAW EDGE COGGED BELTS

CLASSICAL SECTION



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

WEDGE SECTION

XPZ	10.0	8.0	36	BS 3790	56.0	600 mm	5100 mm	13	37	50	Lp
XPA	13.0	10.0	36	BS 3790	71.0	600 mm	5100 mm	18	45	63	Lp
XPB	17.0	14.0	36	BS 3790	112.0	600 mm	5100 mm	28	60	88	Lp
XPC	22.0	18.0	38	BS 3790	180.0	600 mm	5100 mm	30	83	113	Lp

NARROW SECTION

3VX	9.7	8.0	38	RMA IP 22	56.0	23.5"	200"	13	37	50	La
5VX	15.8	14.0	38	RMA IP 22	112.0	23.5"	200"	25	60	85	La
8VX	25.4	23.0	38	RMA IP 22	254.0	90"	200"	53	92	145	La

LIGHT DUTY SINGLE V-BELTS

2LX	6.30	4.00	36	RMA IP 23	25.0	23.5"	118"	-	-	-	La
3LX	9.65	5.59	36	RMA IP 23	36.0	23.5"	118"	16	22	38	La
4LX	12.70	7.87	36	RMA IP 23	58.0	23.5"	118"	14	36	50	La
5LX	16.70	9.65	36	RMA IP 23	72.0	23.5"	118"	26	43	69	La

Features:

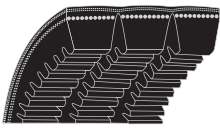
- Oil resistant & antistatic
- Maximum Belt linear speed (Classical section: up to 30 m/sec, Wedge: up to 42 m/sec, Narrow: up to 45 m/sec)
- Higher power transmission capacity than Wrapped Belts
- Superior transverse stiffness & high wear resistance
- Suitable for drives with small pulley diameters, high ambient temperature & speed
- Temperature range: -25°C to +100°C
- ATEX certified FRAS Belts are also available

Application: General engineering, all industrial Belts drives

Note: These sizes are indicative & denote minimum & maximum range. Intermediate sizes are available upon request.

PIX-DuraBand® - XR BANDED BELTS

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



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Manufacturing Range		Length Desig.
					Min.	Max.	
HAX	13.0	10.0	36	15.9	23.5"	200"	Li
HBX	17.0	13.0	36	19.0	23.5"	200"	Li
HCX	22.0	16.0	36	25.5	23.5"	200"	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"	200"	La
H5VX	15.8	16.0	36	17.5	23.5"	200"	La

Note: These sizes are indicative & denote minimum & maximum range. For Intermediate sizes please contact us at "info@pixtrans.com".

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
- Temperature range: -25°C to +100°C
- Manufactured through single-stage-curing process

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.

PIX-MUSCLE®-XR3 HIGH POWER, MAINTENANCE-FREE BELTS



Section	Mfg. Range		Length Designation
	Min.	Max.	
XPZ	630 mm	5000 mm	Lp
XPA	745 mm	5000 mm	Lp
XPB	900 mm	5000 mm	Lp
XPC	1000 mm	5000 mm	Lp
3VX	24.5"	190"	La
5VX	35.5"	190"	La

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
- REACH & RoHS compliant provides an eco-friendly system
- High dimensional stability offering 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

Application:

Wire rope manufacturing industry, steel industry, power plants, textile industry, pharmaceutical Industry, food processing units

PIX-FRAS®-XR FIRE RESISTANT ANTISTATIC BELTS



Product Range:

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

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

Applications: Coal mines, fire prone areas, petrochemical installations etc.

PIX-DUO® DOUBLE SIDED BELTS

PIX-Duo® - XV DOUBLE COG VARIABLE SPEED BELTS

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Dia. (mm)	Manufacturing Range		Length Desig.
					Min.	Max.	
	13.0 - 85.0	10.0 to 30.0	22 to 40	-	23.5"	200"	Li

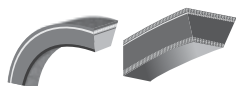
PIX-Duo® - XR HEXAGONAL DOUBLE COG BELTS

AAX	13.0	10.0	36°	60	31.5"	118.0"	Li
BBX	17.0	14.0	36°	85	29.5"	200.0"	Li
CCX	22.0	17.0	36°	130	39.5"	118.0"	Li

Features:

- Absolutely flexible, • Transmit power from both sides
- This special construction allows belt to be used in "Serpentine-drive" system e.g. rice mills
- Temperature range: -25°C to +100°C

PIX - RAW EDGE PLAIN & LAMINATED BELTS



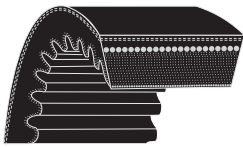
PIX-X'tra® - XP RAW EDGE PLAIN BELTS

PIX-X'tra® - XL RAW EDGE LAMINATED BELTS

Standards, Dimensions & Product range: Same as Raw Edge Cogged Belts, given on page no. 7

PIX-X'tra® - XV VARIABLE SPEED BELTS

(Reference Standards: RMA IP 25/1991)



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

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pitch Length (mm)	Max. Pitch Length (mm)	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
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

Non-standard sections

-	6.00 to 85.00	5.00 to 30.00	22 to 40	23.5" Li	200" Li			
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Note: Raw Edge Plain & Raw Edge Laminted Belts can be made on request. These sizes are indicative & denote minimum & maximum range. For intermediate sizes please contact us at "info@pixtrans.com".

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: Variable speed pulley drives requiring exact speed control and maximum range of speed changes. They are suitable for recreational equipment, agricultural applications and machine tools.

PIX-HARVESTER® - XV AGRICULTURAL BELTS



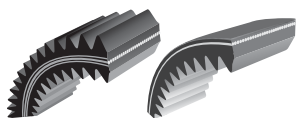
Product Range:

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

Features:

- Specially designed for application with outside idlers
- More 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

PIX-WhiteKnight® SNOWMOBILE BELTS



Features:

- Excellent performance under high horse-power load
- Kevlar® cord construction for longer life
- Can withstand temperature up to -40°C to +100°C
- Reduced slippage
- Available in single side & double side cog profile

Product range: HD / HDX / XDX Series

PIX-ASYMMETRA[®] ASYMMETRIC BELTS



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

Features:

- Torque converter systems
- High lateral-rigidity & tough
- Longer life
- Excellent shock absorbing capacity
- Temperature range: -25°C to +100°C

Application: Golf-cart, snowmobiles, mini-bikes, material handling & industrial equipment

PIX-PowerTex[®]-XV2 TEXTILE MACHINERY BELTS



Section	Length Designation
X62x221-K-1745	Li
X70x221-K-1700	Li
X70x221-K-1800	La
X70x301-K-1810	La

Note: Other sizes are available on request.

Features:

- Designed to meet high power transmission requirement for textile spinning mills of up to 60 kW
- Developed for spinning mills to operate at spindle with very high speed of up to 20000 RPM
- Higher power transmission capacity
- Excellent performance & customer satisfaction by giving energy saving solutions in textile spinning application
- Temperature range: -25°C to +100°C

PIX-TITAN[®]-XR RICE HARVESTER BELTS



Section	Top Width	Thickness	Mfg. Range		Length Desig.
			Min.	Max.	
BX	17.0mm	11.0mm	30"	90"	Li
CX	22.0mm	14.0mm	30"	90"	Li

Features:

- Higher power transmission capacity in comparison to regular belts
- High efficiency up to 98%
- Suitable for heavy duty, high speed applications
- Maintenance free
- Extended service life & less machine down-time
- Antistatic, complies with ISO 1813
- Oil and heat resistant
- Drives with very small pulley diameters
- Temperature range: -25°C to +130°C

Application: Rice harvesters

PIX-DOMINATOR[®]-XR RICE HARVESTER BELTS



Section	Top Width	Thickness	Mfg. Range		Length Desig.
			Min.	Max.	
BX	16.5mm	10.0mm	30"	90"	Li
CX	22.0mm	11.0mm	30"	90"	Li

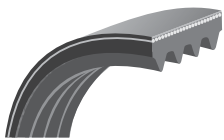
Features:

- Extremely high power transmission capacity
- Highest tensile strength
- Lowest elongation and slippage
- Suitable for higher speeds
- Drives with very small pulley diameters
- Better performance in applications comprising of high shock loads
- Greater lateral rigidity & longitudinal flexibility
- Antistatic, oil and heat resistant
- Temperature range: -25°C to +100°C

Application: Rice harvesters

PIX - X'ceed® RIBBED / POLY V-BELTS

(Reference Standards: RMA IP-26, ISO 9981-82)



Section	Thickness (mm)	Rib Pitch (mm)	No. of Ribs Possible	Min. Pulley Dia. (mm)	Manufacturing Range (mm)		Length Desig.
					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

Note: These sizes are indicative & denote minimum & maximum range. For Intermediate sizes please contact us at "info@pixtrans.com".

Features:

- Oil resistant & antistatic
- High power transmission capacity
- Temperature range: -25°C to +100°C
- Maximum Belt linear speed up to 50 m/sec
- Highly flexible, noise free & smooth running
- Can be used for speed ratios up to 1:30
- ATEX certified FRAS Belts are also available

Application:

Compact drives with high speed ratios, drives requiring minimum maintenance, drives in a noise sensitive environment, for serpentine drives and drives with reverse bend idlers like household appliances, work tools, machine tools etc.

PIX-FRAS®-XC FIRE RESISTANT ANTISTATIC BELTS



Product Range:

Sections: PJ, PK, PL, PM

Features:

- Fire resistant, antistatic, electrical resistance values are most stringent than ISO 1813, fulfills requirement according to pr-EN 13464-5:2003 & ISO 9563:1990, ATEX certified
- Temperature range: -25°C to +100°C

Applications: Coal mines, fire prone areas, petrochemical installations etc.

PIX-THERMAL®-XC HIGH TEMPERATURE BELTS



Product Range:

Sections: PJ, PK, PL

Features:

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

PIX-DUO®-XC DOUBLE SIDED BELTS



Product Range:

Sections:

DPK: 2 to 22 ribs
DPL: 2 to 22 ribs

Manufacturing Range:

DPK Section: 1195 mm to 3105 mm
DPL Section: 1200 mm to 3105 mm

Temperature range: -25°C to +100°C

Application: High speed engines, serpentine drives, textile machineries etc.

PIX-ELASTO®-XC ELASTICATED RIBBED / POLY V-BELTS



Section: EL -PJ : 2 to 20 ribs

Range: 356mm to 2240mm

Features:

- Belt with elastic properties
- Temperature range: -25°C to +100°C

Application: Washing machine & dryers.

PIX-TopCoat®-XC PACKAGING MACHINERY BELTS



Shore hardness: 40-50
(Red Colour)

Features:

- Profile top rubber, specific to applications
- Facilitates excellent cushioning coupled with extra elasticity
- Excellent flexibility to prevent cracks or tearing
- Optimum friction suitable for providing proper support to contact material
- Vulcanized as a single piece to ensure excellent adhesion
- Abrasion resistant
- Longer life
- Top profile thickness: 1.5mm, 3mm, 6mm, 8mm & 10mm

Temperature Range: -18°C to +80°C

Product Range:

Sections:

- PJ: up to 36 ribs
- PK: up to 24 ribs
- PL: up to 18 ribs



Shore hardness: 60-70
(Coral Colour)

Manufacturing Range:

- PJ Section: 700 mm to 2000 mm
- PK Section: 700 mm to 2000 mm
- PL Section: 700 mm to 2000 mm

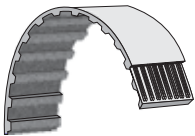
Application: FFS (Form-fill & seal) machine, bakery, paper & printing, soaps & cosmetics, cable-drawing, plastic tube drawing, bottling plants etc

Note:

1. Belt selection should strictly be done on the basis of temperature, top coat hardness & application
2. Availability of a particular size in product range to be cross checked before placing the order

PIX-X'act® TIMING / SYNCHRONOUS BELTS

PIX X'act® CT CLASSICAL TIMING BELTS



Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Desig.
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

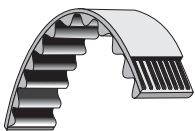
(Standard: BS 4548, ISO 13050, ISO 5296, DIN 7721)

Belt label description:

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

Maximum sleeve width is available up to 450 mm

PIX-X'act® STD STD TIMING BELTS



S 2M	2.00	0.76	1.36	STD S 2M 60 to STD S 2M 3700	Lp
S 3M	3.00	1.14	2.20	STD S 3M 120 to STD S 3M 6510	Lp
S 5M	5.00	1.91	3.40	STD S 5M 150 to STD S 5M 4000	Lp
S 8M	8.00	3.05	5.30	STD S 8M 376 to STD S 8M 6640	Lp
S 14M	14.00	5.30	10.20	STD S 14M 714 to STD S 14M 5012	Lp

(Standard: BS 4548, ISO 13050, 5296, DIN 7721)

Belt label description:

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

Maximum sleeve width is available up to 450 mm

PIX X'act® HTD HTD TIMING BELTS



2M	2.00	0.75	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

(Standard: BS 4548, ISO 13050, 5296, DIN 7721)

Belt label description:

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

Maximum sleeve width is available up to 450 mm

Features:

- High efficiency due to positive engagement between Belt teeth and pulley grooves
- Maintenance-free, no re-tensioning & high tension required
- Fibre glass cord provides strength, excellent flex life & high resistance to elongation
- Exact power transmission
- Low noise level & longer service life
- Improved stress distribution
- Temperature range: -25°C to +80°C

Application:

Suitable for drives demanding exact power transmission such as robotic machines, textile machinery, CNC machines, electronic equipment such as printers, scanners, currency counting machines etc.

Note: These sizes are indicative & denote minimum & maximum range. For Intermediate sizes please contact us at "info@pixtrans.com".

PIX-DUO® - XT DOUBLE SIDED TIMING BELTS



Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Desig.
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

Features:

- Power transmission from both sides
- Highly flexible
- Free from maintenance
- Extended stability, durability, strength and life
- Temperature range: -25°C to +80°C

Application: For serpentine drives like in textile, paper packaging & printing industries, hand-held power tools, postage handling, food processors, office equipment, money handling, medical diagnostic, ticket dispensers, robotics, vending machines and vacuum cleaners.

Note: These sizes are indicative & denote minimum & maximum range. For Intermediate sizes, please contact us at "info@pixtrans.com".

PIX-X'pedient® - XT POLYURETHANE BELTS



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

Note: These sizes are indicative & denote minimum & maximum range. For Intermediate sizes please contact us at "info@pixtrans.com".

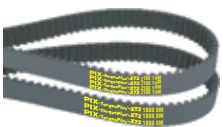
Features:

- Polyurethane timing Belts are highly flexible with longitudinal toughness to ensure perfect tooth meshing
- No dust-generation or flaking while running - clean Belt
- Homogeneous throughout its cross-section by virtue of thermoset moulding process
- Superior wear and abrasion resistance
- High resistance to oil, fat and grease
- Excellent resistance to ageing, hydrolysis, UV and ozone
- Low vibration and reduced noise level
- Good resistance to most acids and alkalis

Operating temperature range: -30°C to +80°C (up to +110°C for a short period)

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

PIX-TorquePlus® - XT2 HIGH POWER BELTS



Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Desig.
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

Features:

- 50% to 70% enhancement in power-rating over PIX-XYact® HTD/STD Belts
- Synchronous power transmission
- Higher angular speed, resistance to loads and Low noise
- Free from maintenance, No lubrication
- Increased operational efficiency up to 98%
- Temperature resistance up to 100°C
- Optimum operational efficiency and augmented Belt life
- Lower operational cost
- Antistatic properties as required by ISO 9563

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

PIX-TopCoat®-XT PACKAGING MACHINERY BELTS



T55
(Magenta Colour)



T70
(Black Colour)



(Step Top Coat)
(Magenta Colour)

Features:

- Profile top rubber, specific to applications
- Excellent cushioning coupled with extra elasticity
- Excellent flexibility prevents cracking or tearing
- Optimum friction suitable for providing proper support to contact material
- Vulcanized as a single piece to ensure excellent adhesion
- Belts are designed with abrasion resistance properties
- Longer life
- Step Top Coat Belt reduce the bending stress, offer excellent flexibility, maintains the required contact area and improved Belts strength.

Shore Hardness A: 60 - 70

Temperature Range: -18°C to +80°C

Product Range: L, H, 5M, 8M, S 5M, S 8M & 14M sections

Manufacturing Range:

L Section: 530 mm to 2000 mm, H Section: 530 mm to 2000 mm & 14M Section: 966 mm to 1960 mm

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

Top Profile Thickness (mm)	Top Width Range (mm)	
	Min	Max
6.0	18.0	450
8.0	20.0	450
10.0	25.0	450

Note:

1. Belt selection should strictly be done on the basis of temperature, top coat hardness & application.
2. Step Top Coat Belts should be available on request with 32mm top width.
3. Availability of particular size in product range to be cross checked before. placing an order

PIX-BRAWN®-XT POLY+TIMING BELTS



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 other side.
- Suitable for multi-shaft transmission with reversed rotary directions of pulleys
- Antistatic, oil and heat resistant
- Noise-free transmission
- Operating temperature range -25°C to +100°C

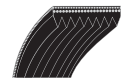
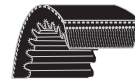
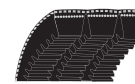
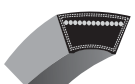
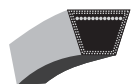
Standard: PIX Proprietary

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

Application: Flour & rice mills, food-grain industries

Range: 8M & S8M timing sizes with PK & PL Poly section. Other sizes are available on request.

PIX-VANQUISH® HEAVY EARTH-MOVING MACHINERY BELTS



Features:

- High modulus and stabilised stiff polyester cord
- Polychloroprene based compound for antistatic properties
- Fibre reinforced based compound for improved transverse stiffness
- Oil and heat resistant, capable to withstand high ambient temperature
- Recommended to be used on small pulley diameter and high speed
- Capable to perform in extremely dusty environment
- Capable to withstand shock loads, normally encountered in heavy duty applications
- Also available in Kevlar® cord construction

Product Range:

Wrap Construction Belts: SPZ, SPA, SPB, SPC, 3V, 5V, 8V,

Raw Edge Cogged Belts: XPZ, XPA, XPB, XPC, 3VX, 5VX, MX, TX, ZX, AX, BX, CX, X11A, X13A, X15A, X17A, X20A, X23A, AVX10, AVX13

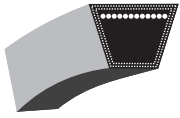
Ribbed / Poly V-Belts: PK

- Available in Kevlar® and maintenance-free cord constructions on request

Application: Bulldozers, military engineering vehicles, excavators, backhoe loaders, harvester, construction & mining trucks, loaders, forklift trucks, underground mining equipment, dump trucks etc.

PIX- AUTOMOTIVE BELTS

PIX- FORCE® AUTOMOTIVE WRAP BELTS

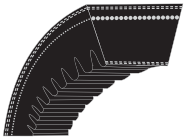


Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range (mm)		Length Designation
				Min.	Max.	
9.5 / AV 10	9.50	8.0	40	375	4010	La
12.5 / AV 13	12.50	10.0	40	588	9130	La

Features:

- Excellent performance
- Abrasion resistant and offers smooth running
- Made up of high tensile polyester cord which enables 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

PIX- FORCE® AUTOMOTIVE RAW EDGE COGGED BELTS



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

Features:

- Best suited for next-generation high speed engines
- Cogged profile offers higher 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
- Temperature range: -25°C to +100°C

* Available in high temperature EPDM construction also

PIX- FORCE® AUTOMOTIVE RIBBED BELTS



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

Features:

- Trapezoid faced ribs on a fibre reinforced rubber matrix for higher power transmission offering good 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 applications
- Conforms to ISO 9981, 9982, RMA IP 26 standards
- Temperature range: -25°C to +100°C

* Available in high temperature EPDM construction also

PIX- FORCE® AUTOMOTIVE TIMING BELTS



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, 97 ZH, 129 ZH, 136 ZH, 138 ZH, 153 ZH
PR	9.525	3.45	5.50	136 PR
PRM	9.525	3.37	5.50	97 PRM, 122 PRM, 123 PRM, 124 PRM, 134PRM
PRP	9.525	3.50	5.50	177 PRP, 185 PRP
	8.000	3.02	5.20	101 U, 106 U, 107 U, 109 U, 115 U

Features:

- Trapezoidal tooth design for sections ZA, ZB and curvilinear tooth design for other sections
- Precisely formed and accurately spaced teeth ensure smooth engagement with pulley grooves
- Fibre glass tensile cords provide strength, excellent 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
- Temperature range: -25°C to +100°C

* Available in high temperature HSN construction also.

PIX- ACCESSORY PRODUCTS



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.



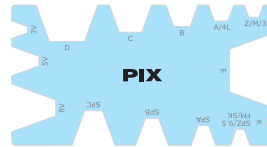
ANALOG TENSION TESTER

Manual tool meant for correcting or re-tensioning the drive with adequate reliability.



PULLEY GAUGES

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



BELT PROFILE GAUGE

Used for checking the Belt profile, angle for Wrapped Belts of all the sections.



LASER GUIDED PULLEY ALIGNMENT INSTRUMENT

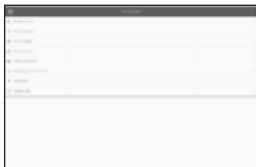
Robust and highly effective maintenance tool, used to correct the misalignment of pulleys in a drive, to help the user to obtain the maximum service life of the Belt.



LENGTH MEASURE

Used for checking the length where size on the Belt is not clearly visible.

Universal tool to measure length of all kinds of the Belt.



DRIVE DESIGN SOFTWARE

Software for designing the drive / drive solutions for Wrap, Raw edge cogged Belts, Poly V-Belts & Timing Belts. Visit the link www.pix-app.com



PRODUCT KIT

Belt display kit for sales team. Comprises of 14 Belts of various types. Features Belts for various application based on the requirement.



BELT STAND

Table-top metallic Belt display rack, can hold up to 60 Belts.

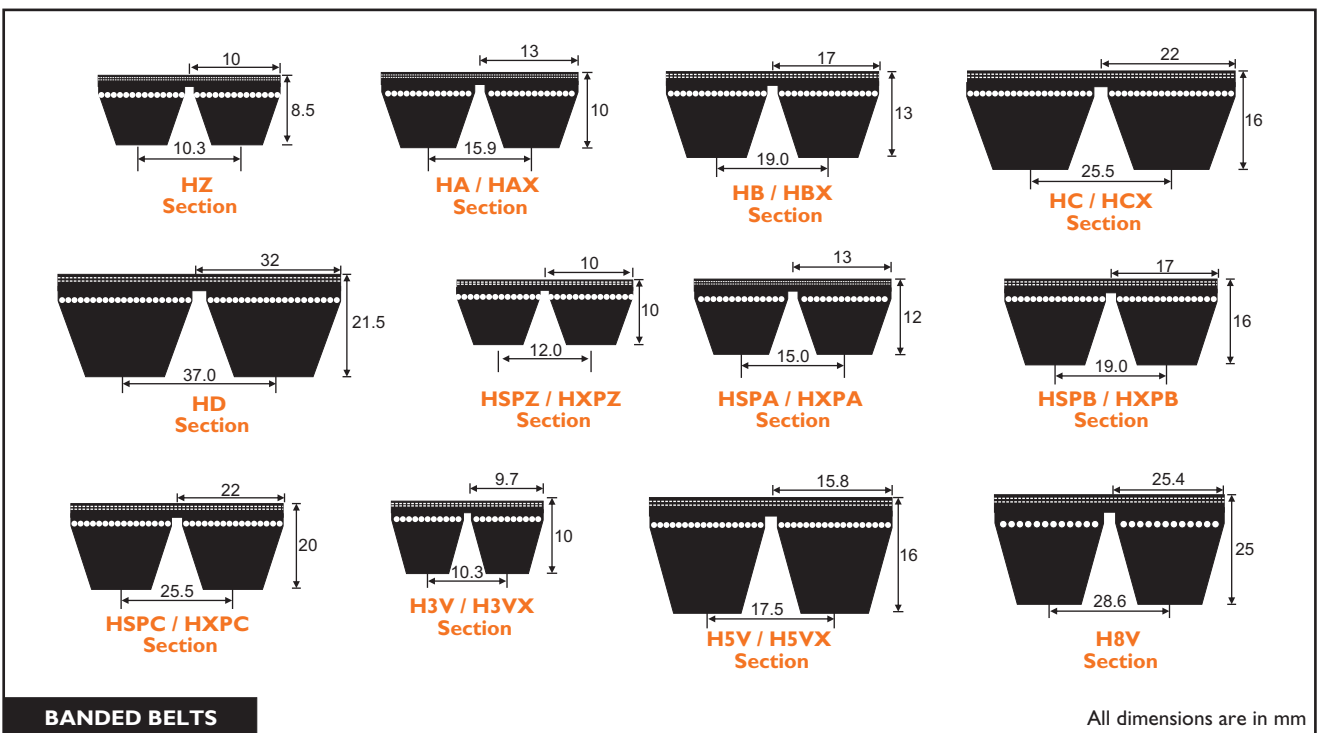
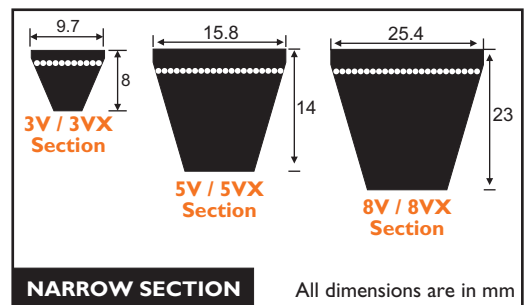
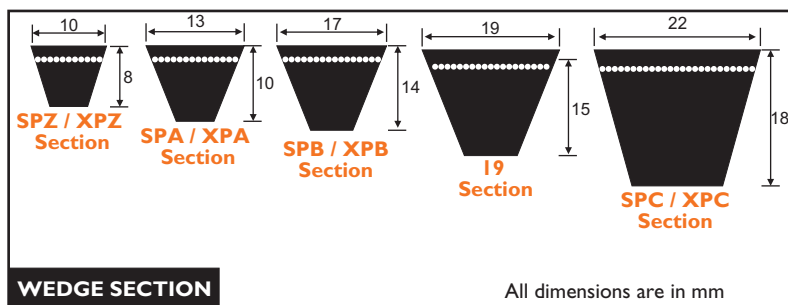
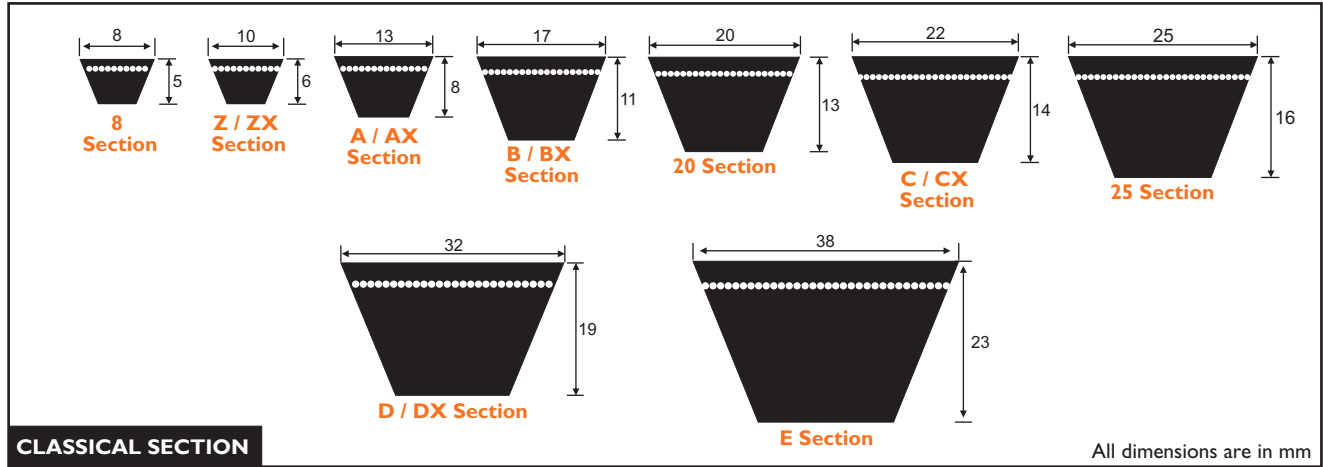
Dimensions (mm):
1200 (l)x450(b)x500(h)



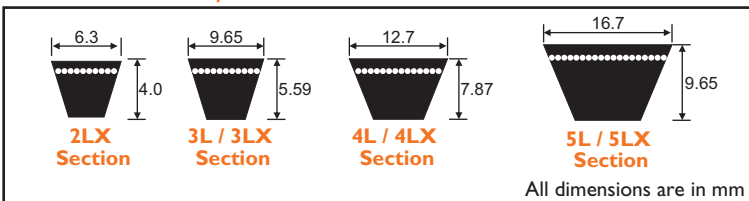
PIX Service Kit is a composite gear with all essential tools required by the users in maintaining the drive.

PIX- PRODUCT DIMENSIONS

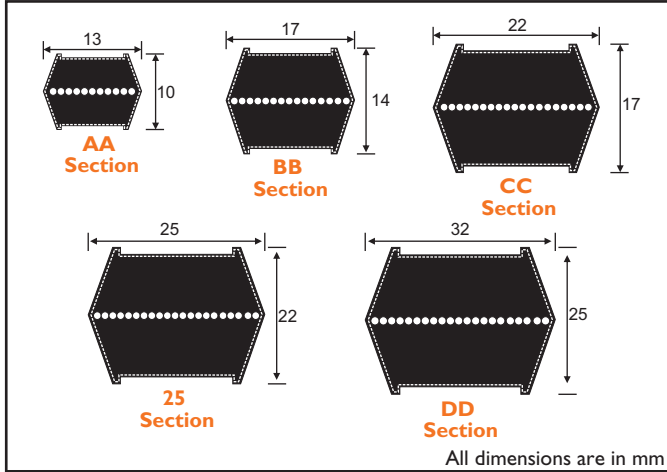
WRAPPED / RAW EDGE COGGED BELTS



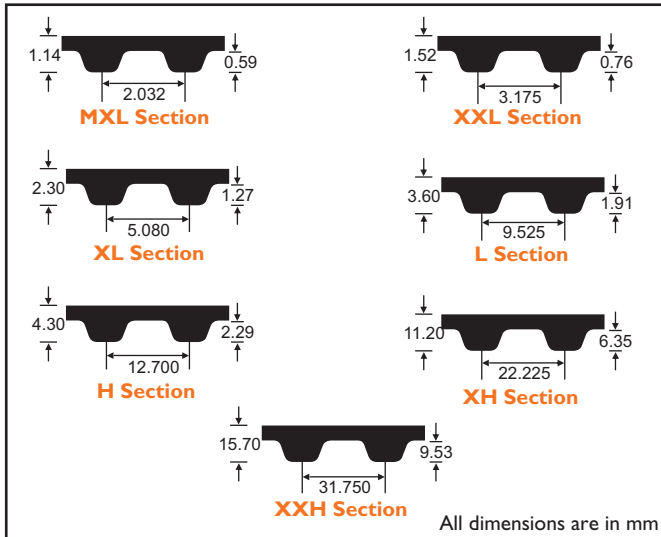
LIGHT DUTY / LAWNMASTER



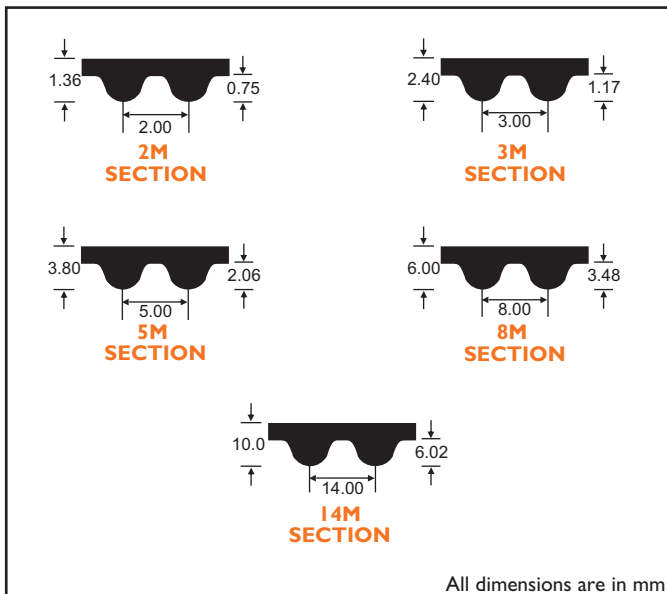
HEXAGONAL BELTS



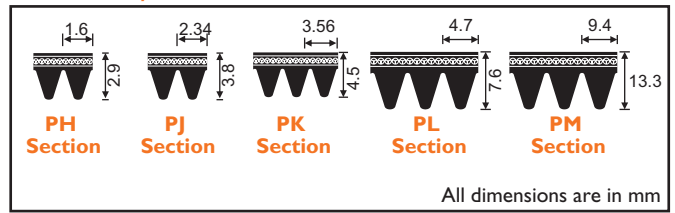
TIMING BELTS: CLASSICAL SECTION



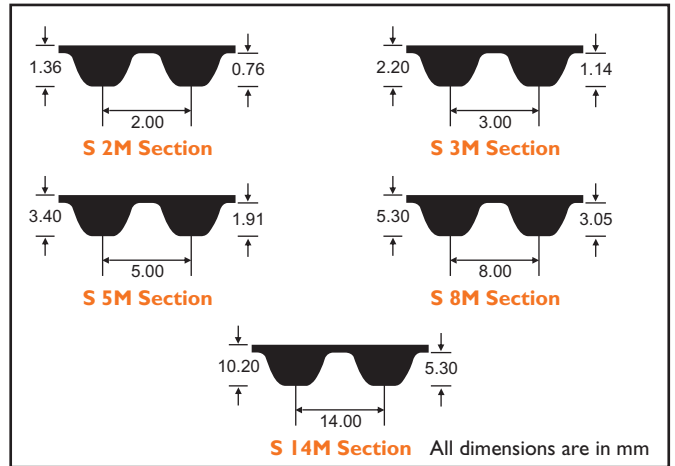
HTD SECTION



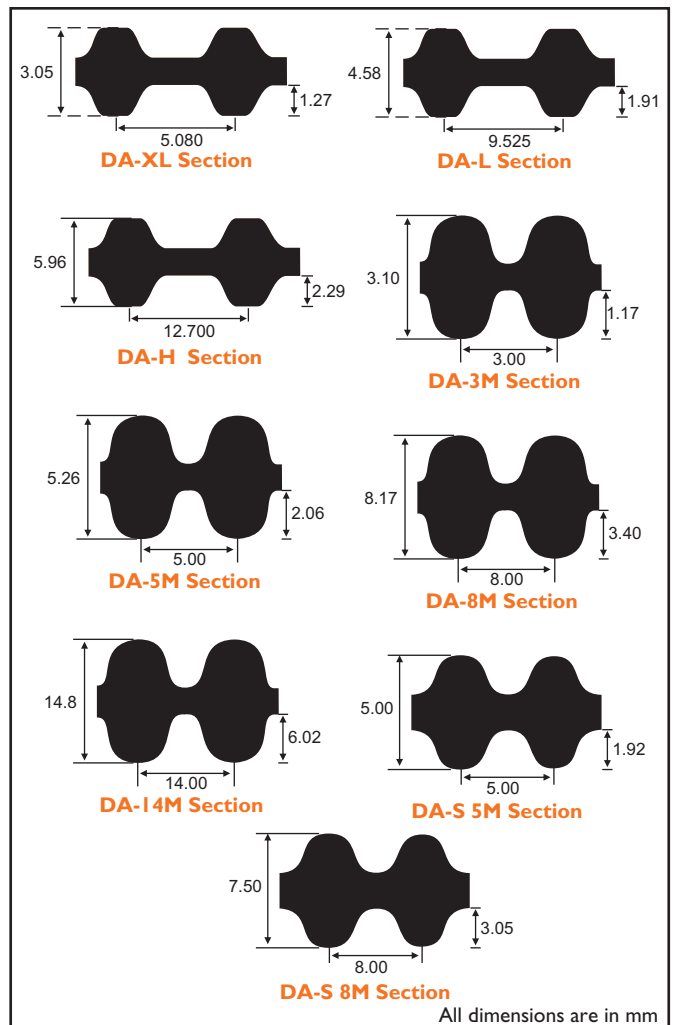
RIBBED / POLY V-BELTS



STD SECTION



DOUBLE SIDED TIMING BELTS





Corporate Office & Works

PIX TRANSMISSIONS LIMITED

J-7, M.I.D.C. Hingna Road,
Nagpur - 440 016. Maharashtra. India
Tel.: +91-(0)-7104 669 000
Fax: +91-(0)-7104 669 007/8
E-mail: info@pixtrans.com
Website: www.pixtrans.com

Overseas Offices

PIX Transmissions (Europe) Limited

12, Sterling Complex, Farthing Road,
Ipswich, Suffolk IP1 5AP
United Kingdom
Tel.: +44 (0) 1473-743 511
Fax : +44 (0) 1473-742 227
E-mail: info@pixtranseu.com
Website: www.pixtranseu.com

PIX Germany GmbH

Karl-Schurz-Str. 35,
33100 Paderborn,
Germany
Tel.: +49 (0) 5251-2844 070
Fax: +49 (0) 5251-2844 099
E-mail: info@pixgermany.com
Website: www.pixgermany.com

PIX Middle East Trading LLC

P. O. Box 238085, Al Quasis Ind-2,
Near RAK Bank, Dubai, U.A.E.
Tel.: +971-4-2345 100
Fax: +971-4-2345 101
E-mail: info@pixme.ae
Website: www.pixme.ae

PIX Middle East FZC

P. O. Box No. 54526,
Technology Park 16/1,
R.A.K. Free Trade Zone,
Ras-Al-Khaimah,
United Arab Emirates
Tel.: +971-7-2444366
Fax: +971-7-2444367
E-mail: info@pixme.ae
Website: www.pixme.ae