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PIX-X'act[®]

(Industrial & Automotive Synchronous / Timing Belts)

PIX-X'act[®] CT
PIX-X'act[®] HTD
PIX-X'act[®] HP
PIX-X'act[®] STD
PIX-X'act[®] FORCE

AN ISO/TS 16949:2002, ISO 14001 & OHSAS 18001 Certified Co.



Synchronous or Timing Belts are one of the most important part of Power Transmission 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.

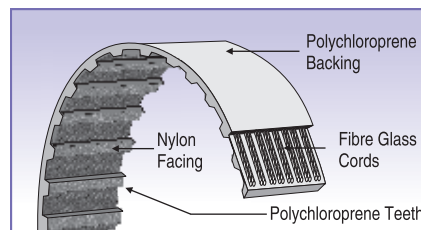
PIX has got state-of-the-art facility at its Bazargaon Plant for the manufacturing of Industrial & Automotive Synchronous Belts.

INDUSTRIAL SYNCHRONOUS / TIMING BELTS

PIX - X'act[®] CLASSICAL BELTS

Features:

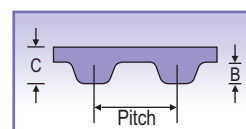
- Trapezoidal tooth profile.
- High efficiency due to positive engagement between belt teeth and pulley grooves.
- No re-tensioning required.
- Free from maintenance.
- No high tension required.



Belt Designation: PIX-X'act[®] CT 270 XL XL 025
PIX-X'act[®] CT 270 XL XL 025

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

Section	Pitch (mm)	Tooth Height 'B' (mm)	Belt Thickness 'C' (mm)
XL	5.080	1.27	2.30
L	9.525	1.91	3.60
H	12.700	2.29	4.30



Standards: Conforms to BS 4548 Standard

Product Range:

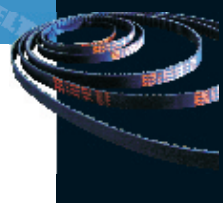
XL Section	
Section	No. of Teeth
130 XL	65
140 XL	70
150 XL	75
160 XL	80
170 XL	85
180 XL	90
190 XL	95
200 XL	100
210 XL	105
220 XL	110
230 XL	115
240 XL	120
260 XL	130
270 XL	135
280 XL	140
300 XL	150
330 XL	165
412 XL	206
450 XL	225

L Section	
Section	No. of Teeth
124 L	33
150 L	40
180 L	48
187 L	50
203 L	54
210 L	56
225 L	60
240 L	64
255 L	68
270 L	72
285 L	76
300 L	80
322 L	86
330 L	88
345 L	92
367 L	98
390 L	104
420 L	112
450 L	120
480 L	128
510 L	136
525 L	140
540 L	144
600 L	160
630 L	168
720 L	192

H Section	
Section	No. of Teeth
230 H	46
240 H	48
255 H	51
270 H	54
280 H	56
285 H	57
300 H	60
320 H	64
330 H	66
340 H	68
350 H	70
360 H	72
370 H	74
375 H	75
390 H	78
400 H	80
410 H	82
420 H	84
430 H	86
450 H	90
465 H	93
470 H	94
480 H	96
490 H	98
510 H	102
520 H	104
540 H	108
560 H	112
570 H	114

H Section	
Section	No. of Teeth
600 H	120
630 H	126
650 H	130
660 H	132
670 H	134
700 H	140
725 H	145
730 H	146
750 H	150
770 H	154
800 H	160
810 H	162
820 H	164
850 H	170
900 H	180
950 H	190
1000 H	200
1050 H	210
1100 H	220
1120 H	224
1140 H	228
1150 H	230
1200 H	240
1250 H	250
1350 H	270
1400 H	280
1450 H	290
1600 H	320
1700 H	340

Note : Maximum sleeve width is available up to 450 mm

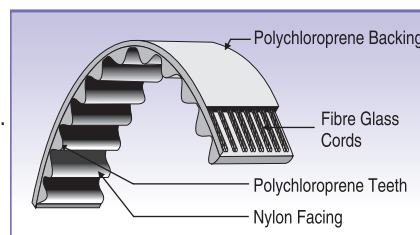


INDUSTRIAL SYNCHRONOUS / TIMING BELTS

PIX - X'act[®] HTD BELTS

Features:

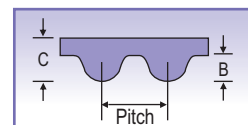
- Curvilinear tooth profile for improved stress distribution.
- Reduced tooth jump due to deeper tooth design.
- High efficiency due to positive engagement between belt teeth and the pulley grooves.
- No re-tensioning required.
- Free from maintenance.
- Increased power transmission capacity.
- No high tension required.



Belt Designation: PIX-X'act[®] HTD 800 8M 8M 30
PIX-X'act[®] HTD 800 8M 8M 30

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

Section	Pitch (mm)	Tooth Height 'B' (mm)	Belt Thickness 'C' (mm)
5M	5.00	2.06	3.80
8M	8.00	3.48	6.00
14M	14.00	6.25	10.00



Standards: Conforms to ISO 13050 Std./ PIX Standard

Product Range:

5M Section	
Section	No. of Teeth
330 5M	66
350 5M	70
400 5M	80
425 5M	85
450 5M	90
475 5M	95
500 5M	100
525 5M	105
535 5M	107
540 5M	108
550 5M	110
565 5M	113
580 5M	116
590 5M	118
600 5M	120
615 5M	123
635 5M	127
640 5M	128
665 5M	133
670 5M	134
700 5M	140
710 5M	142
740 5M	148
750 5M	150

5M Section	
Section	No. of Teeth
800 5M	160
835 5M	167
850 5M	170
860 5M	172
870 5M	174
890 5M	178
895 5M	179
900 5M	180
925 5M	185
935 5M	187
950 5M	190
980 5M	196
1000 5M	200
1050 5M	210
1100 5M	220
1125 5M	225
1200 5M	240
1270 5M	254
1350 5M	270
1420 5M	284
1500 5M	300
1595 5M	319
1870 5M	374
2000 5M	400
2100 5M	420

8M Section	
Section	No. of Teeth
424 8M	53
480 8M	60
512 8M	64
520 8M	65
560 8M	70
600 8M	75
640 8M	80
680 8M	85
720 8M	90
760 8M	95
800 8M	100
840 8M	105
880 8M	110
896 8M	112
920 8M	115
960 8M	120
968 8M	121
1000 8M	125
1040 8M	130
1056 8M	132
1080 8M	135
1120 8M	140

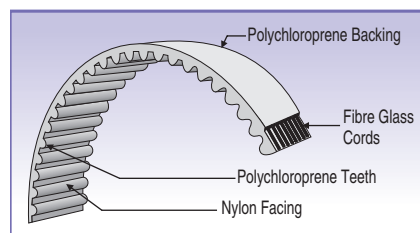
8M Section	
Section	No. of Teeth
1152 8M	144
1200 8M	150
1224 8M	153
1280 8M	160
1360 8M	170
1400 8M	175
1424 8M	178
1440 8M	180
1520 8M	190
1600 8M	200
1680 8M	210
1760 8M	220
1800 8M	225
1904 8M	238
2000 8M	250
2248 8M	281
2272 8M	284
2400 8M	300
2600 8M	325
2800 8M	350
3200 8M	400
3600 8M	450

14M Section	
Section	No. of Teeth
966 14M	69
1120 14M	80
1190 14M	85
1260 14M	90
1400 14M	100
1512 14M	108
1540 14M	110
1610 14M	115
1750 14M	125
1778 14M	127
1820 14M	130
1890 14M	135
1960 14M	140
2100 14M	150
2240 14M	160
2310 14M	165
2450 14M	175
2590 14M	185
2800 14M	200
3150 14M	225
3360 14M	240
3500 14M	250

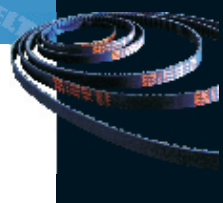
PIX - X'act[®] HP BELTS

Features:

- Specially designed curvilinear tooth profile.
- Reduced tooth jump due to higher teeth shear resistance.
- High power rating compared to respective regular synchronous belts.
- Less backlash, long life, excellent abrasion resistance.
- Less noise, no maintenance or equipment downtime.



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INDUSTRIAL SYNCHRONOUS / TIMING BELTS

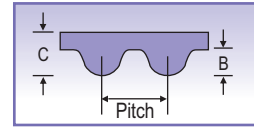
PIX - X'act[®] HP BELTS

Belt Designation: **PIX-X'act[®] HP 300 5M** S 5M 20
PIX-X'act[®] HP 300 5M S 5M 20

300 HP 5M 20		
HP300	5M	20
Pitch Length 300 mm	Section (Tooth pitch 5.0 mm)	Belt Width 20 mm

Section	Pitch (mm)	Tooth Height 'B' (mm)	Belt Thickness 'C' (mm)
5M	5.00	2.06	3.80

Standards: Conforms to PIX Standard



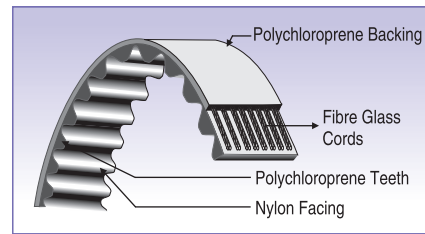
Product Range:

HP 5M		
Section	Size	No. of Teeth
HP 5M	HP 300 5M	60

PIX - X'act[®] STD BELTS

Features:

- Modified curvilinear tooth design.
- Modified & accurately spaced teeth ensure optimum entry/exit.
- Minimum noise level.
- Fiber glass tensile cords provide strength, excellent flex life and high resistance to elongation.
- Durable backing protects against environmental pollution, friction & wear.
- Tough nylon facing protects tooth surface.

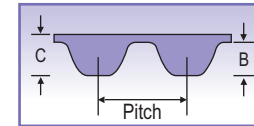


Belt Designation: **PIX-X'act[®] STD S 5M 650** S 5M 15
PIX-X'act[®] STD S 5M 650 S 5M 15

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

Section	Pitch (mm)	Tooth Height 'B' (mm)	Belt Thickness 'C' (mm)
S 5M	5.00	1.91	3.40
S 8M	8.00	3.05	5.30

Standards: Conforms to ISO 13050 / PIX Standard



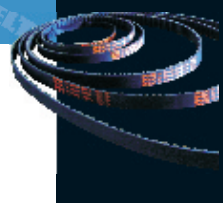
Product Range:

S5M Section		
Section	Pitch Length (mm)	No. of Teeth
STD S 5M 400	400.00	80
STD S 5M 500	500.00	100
STD S 5M 575	575.00	115
STD S 5M 600	600.00	120
STD S 5M 625	625.00	125
STD S 5M 650	650.00	130
STD S 5M 675	675.00	135
STD S 5M 750	750.00	150
STD S 5M 800	800.00	160
STD S 5M 850	850.00	170
STD S 5M 1000	1000.00	200
STD S 5M 1050	1050.00	210
STD S 5M 1195	1195.00	239
STD S 5M 1270	1270.00	254
STD S 5M 2525	2525.00	505

S8M Section		
Section	Pitch Length (mm)	No. of Teeth
STD S 8M 376	376.00	47
STD S 8M 440	440.00	55
STD S 8M 480	480.00	60
STD S 8M 560	560.00	70
STD S 8M 600	600.00	75
STD S 8M 632	632.00	79
STD S 8M 656	656.00	82
STD S 8M 712	712.00	89
STD S 8M 720	720.00	90
STD S 8M 760	760.00	95
STD S 8M 800	800.00	100
STD S 8M 824	824.00	103
STD S 8M 848	848.00	106
STD S 8M 880	880.00	110
STD S 8M 896	896.00	112
STD S 8M 944	944.00	118
STD S 8M 960	960.00	120
STD S 8M 1000	1000.00	125
STD S 8M 1032	1032.00	129

S8M Section		
Section	Pitch Length (mm)	No. of Teeth
STD S 8M 1040	1040.00	130
STD S 8M 1056	1056.00	132
STD S 8M 1072	1072.00	134
STD S 8M 1120	1120.00	140
STD S 8M 1248	1248.00	156
STD S 8M 1256	1256.00	157
STD S 8M 1304	1304.00	163
STD S 8M 1320	1320.00	165
STD S 8M 1344	1344.00	168
STD S 8M 1352	1352.00	169
STD S 8M 1360	1360.00	170
STD S 8M 1400	1400.00	175
STD S 8M 1424	1424.00	178
STD S 8M 1440	1440.00	180
STD S 8M 1680	1680.00	210
STD S 8M 1728	1728.00	216
STD S 8M 1800	1800.00	225
STD S 8M 2000	2000.00	250
STD S 8M 2400	2400.00	300
STD S 8M 2600	2600.00	325

Note : Maximum sleeve width is available up to 450 mm

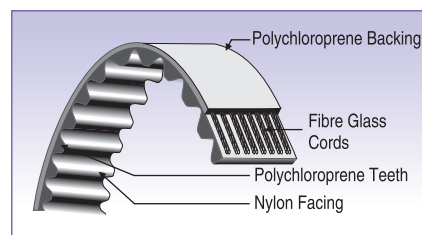


AUTOMOTIVE SYNCHRONOUS / TIMING BELTS

PIX - X'act[®] FORCE BELTS

Features:

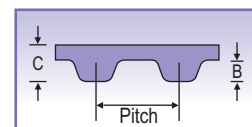
- Trapezoidal tooth design for sections ZA & ZB and curvilinear tooth design for other sections.
- Precisely formed and accurately spaced teeth ensure smooth engagement with pulley grooves.
- Fibre glass tensile cords provide strength, excellent flex life and high resistance to elongation.
- Durable backing protects against environmental pollution and friction wear.
- Tough nylon facing protects tooth surface. This facing after long service becomes highly polished.



Belt Designation: PIX-X'act[®] FORCE 111 ZA 19
PIX-X'act[®] FORCE 111 ZA 19

111 ZA 19		
111	ZA	19
↓	↓	↓
No. of Teeth	Section (Tooth pitch 9.525 mm)	Belt Width 19 mm

Section	Pitch (mm)	Tooth Height 'B' (mm)	Belt Thickness 'C' (mm)
ZA	9.525	1.91	4.10
ZB	9.525	2.29	4.50
ZH	9.525	3.50	5.50
PR	9.525	3.45	5.50
PRP	9.525	3.50	5.50
PHP	8.000	3.15	5.30
PRPN	8.000	3.20	5.10
SHPN	8.000	2.95	5.35
CM	9.525	2.28	4.49



Product Range:

Section	Pitch Length (mm)	No. of Teeth Pitch Length/Pitch
54 ZA	514.35	54
88 ZA	838.20	88
111 ZA	1057.275	111
137 ZB	1304.925	137
89 ZH	847.725	89
129 ZH	1228.725	129
136 PR	1295.40	136
095 PRP	904.875	95
125 PRP	1190.625	125
163 PRP	1552.575	163
185 PRP	1762.125	185
099 PHP	792.00	99
138 PRPN	1104.00	138
167 SHPN	1336.00	167
108 CM	1028.70	108

Standards: Conforms to ISO 9010 / JASO E 105 / PIX Std.

Maximum sleeve width is available up to 450 mm



Note : More and more sizes are being added to Classical, HTD, STD & Automotive Synchronous Belts. Please check in for new additions at www.pixtrans.com or contact us at info@pixtrans.com

:Other Products:

Wrap Construction Belts, Cut Edge Belts, Ribbed Belts, Application Specific Special Construction Belts, Hydraulic Hoses, Spiral Hoses, Industrial Hoses, Thermoplastic Hoses, Hose Assemblies & End Fittings



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