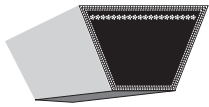




# WRAP BELTS

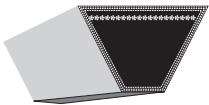
## PIX-X'set® Classical Belts



| Section   | Dimensions     |                | Angle (Deg) | Standard                   | Recommended Minimum Pulley Diameter (mm) | Manufacturing Range |            |                    |
|-----------|----------------|----------------|-------------|----------------------------|--|---------------------|------------|--------------------|
|           | Top width (mm) | Thickness (mm) |             |                            |  | Min (inch)          | Max (inch) | Length Designation |
| <b>8</b>  | 8.0            | 5.0            | 40          | DIN 2215                   | 40                                       | 35.0                | 172.0      | Li                 |
| <b>Z</b>  | 10.0           | 6.0            | 40          | IS 2494, BS 3790, ISO 4184 | 50                                       | 9.50                | 195.0      | Li                 |
| <b>A</b>  | 13.0           | 8.0            | 40          | IS 2494, BS 3790, ISO 4184 | 71                                       | 13.0                | 360.0      | Li                 |
| <b>B</b>  | 17.0           | 11.0           | 40          | IS 2494, BS 3790, ISO 4184 | 112                                      | 16.0                | 658.0      | Li                 |
| <b>20</b> | 20.0           | 13.0           | 40          | DIN 2215                   | 160                                      | 35.5                | 375.0      | Li                 |
| <b>C</b>  | 22.0           | 14.0           | 40          | IS 2494, BS 3790, ISO 4184 | 180                                      | 31.0                | 658.0      | Li                 |
| <b>25</b> | 25.0           | 16.0           | 40          | DIN 2215                   | 250                                      | 57.0                | 655.0      | Li                 |
| <b>D</b>  | 32.0           | 19.0           | 40          | IS 2494, BS 3790, ISO 4184 | 355                                      | 44.5                | 662.0      | Li                 |
| <b>E</b>  | 38.0           | 23.0           | 40          | IS 2494                    | 500                                      | 90.0                | 658.0      | Li                 |



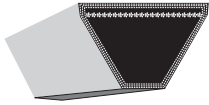
## PIX-X'set® Wedge Belts



| Section    | Dimensions     |                | Angle (Deg) | Standard | Recommended Minimum Pulley Diameter (mm) | Manufacturing Range |          |                    |
|------------|----------------|----------------|-------------|----------|--|---------------------|----------|--------------------|
|            | Top width (mm) | Thickness (mm) |             |          |  | Min (mm)            | Max (mm) | Length Designation |
| <b>SPZ</b> | 10.0           | 8.0            | 40          | BS 3790  | 63                                       | 365                 | 4953     | Lp                 |
| <b>SPA</b> | 13.0           | 10.0           | 40          | BS 3790  | 90                                       | 576                 | 9144     | Lp                 |
| <b>SPB</b> | 17.0           | 14.0           | 40          | BS 3790  | 140                                      | 940                 | 16764    | Lp                 |
| <b>19</b>  | 19.0           | 15.0           | 40          | DIN 7753 | 180                                      | 2261                | 9601     | Lp                 |
| <b>SPC</b> | 22.0           | 18.0           | 40          | BS 3790  | 224                                      | 1750                | 16789    | Lp                 |



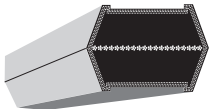
## PIX-X'set® Narrow Belts



| Section   | Dimensions     |                | Angle (Deg) | Standard  | Recommended Minimum Pulley Diameter (mm) | Manufacturing Range |            |                    |
|-----------|----------------|----------------|-------------|-----------|--|---------------------|------------|--------------------|
|           | Top width (mm) | Thickness (mm) |             |           |  | Min (inch)          | Max (inch) | Length Designation |
| <b>3V</b> | 9.7            | 8.0            | 40          | RMA IP 22 | 63                                       | 19.5                | 190        | La                 |
| <b>5V</b> | 15.8           | 14.0           | 40          | RMA IP 22 | 140                                      | 48.0                | 654        | La                 |
| <b>8V</b> | 25.4           | 23.0           | 40          | RMA IP 22 | 335                                      | 90.0                | 654        | La                 |



## PIX-X'set® DS Hexagonal Belts



| Section   | Dimensions     |                | Angle (Deg) | Standard                      | Recommended Minimum Pulley Diameter (mm) | Manufacturing Range |            |                    |
|-----------|----------------|----------------|-------------|-------------------------------|--|---------------------|------------|--------------------|
|           | Top width (mm) | Thickness (mm) |             |                               |  | Min (inch)          | Max (inch) | Length Designation |
| <b>AA</b> | 13.0           | 10.0           | 40          | IS 11038, ISO 5289            | 80                                       | 43                  | 260        | Li                 |
| <b>BB</b> | 17.0           | 14.0           | 40          | IS 11038, ISO 5289            | 125                                      | 40                  | 660        | Li                 |
| <b>CC</b> | 22.0           | 17.0           | 40          | IS 11038, ISO 5289            | 224                                      | 73                  | 658        | Li                 |
| <b>25</b> | 25.0           | 22.0           | 40          | RMA IP 21, IS 11038, ISO 5289 | 280                                      | 89                  | 681        | Le                 |



## PIX-X'set® MB Banded Belts



| Section     | Dimensions     |                | Angle (Deg) | Pitch (mm) | Standard | Recommended Minimum pulley diameter (mm) | Manufacturing Range |          | Length Designation |
|-------------|----------------|----------------|-------------|------------|----------|--|---------------------|----------|--------------------|
|             | Top width (mm) | Thickness (mm) |             |            |          |  | Min                 | Max      |                    |
| <b>HA</b>   | 13.0           | 10.0           | 40          | 15.9       | ISO 5291 | 80 de                                    | 33"                 | 280"     | Li                 |
| <b>HB</b>   | 17.0           | 13.0           | 40          | 19.0       | ISO 5291 | 130 de                                   | 41"                 | 628"     | Li                 |
| <b>HC</b>   | 22.0           | 16.0           | 40          | 25.5       | ISO 5291 | 210 de                                   | 46"                 | 658"     | Li                 |
| <b>HD</b>   | 32.0           | 21.5           | 40          | 37.0       | ISO 5291 | 370 de                                   | 90"                 | 658"     | Li                 |
| <b>HE</b>   | 38.0           | 27.0           | 40          | 44.5       | PIX      | 520 de                                   | 90"                 | 658"     | Li                 |
| <b>HZ</b>   | 10.0           | 8.5            | 40          | 10.3       | PIX      | 55 de                                    | 45"                 | 171"     | Li                 |
| <b>HSPZ</b> | 10.0           | 10.0           | 40          | 12.0       | BS 3790  | 67 dp                                    | 1168 mm             | 9042 mm  | Lp                 |
| <b>HSPA</b> | 13.0           | 12.0           | 40          | 15.0       | BS 3790  | 100 dp                                   | 914 mm              | 5000 mm  | Lp                 |
| <b>HSPB</b> | 17.0           | 16.0           | 40          | 19.0       | BS 3790  | 160 dp                                   | 1778 mm             | 9144 mm  | Lp                 |
| <b>HSPC</b> | 22.0           | 20.0           | 40          | 25.5       | BS 3790  | 224 dp                                   | 2235 mm             | 16688 mm | Lp                 |
| <b>H3V</b>  | 9.7            | 10.0           | 40          | 10.3       | ISO 5290 | 67 de                                    | 35.5"               | 178"     | La                 |
| <b>H5V</b>  | 15.8           | 16.0           | 40          | 17.5       | ISO 5290 | 180 de                                   | 48"                 | 660"     | La                 |
| <b>H8V</b>  | 25.4           | 25.0           | 40          | 28.6       | ISO 5290 | 317 de                                   | 98"                 | 664"     | La                 |



# RAW EDGE BELTS

## PIX-X'tra® Raw Edge Moulded Cogged Classical Belts



| Section | Dimensions     |                | Angle (Deg) | Recommended Minimum Pulley Diameter (mm) | Manufacturing Range |            |                    |
|---------|----------------|----------------|-------------|--|---------------------|------------|--------------------|
|         | Top width (mm) | Thickness (mm) |             |  | Min (inch)          | Max (inch) | Length Designation |
| ZX      | 10.0           | 6.0            | 36          | 40                                       | 23                  | 200        | Li                 |
| AX      | 13.0           | 8.0            | 36          | 63                                       | 22                  | 200        | Li                 |
| BX      | 17.0           | 11.0           | 36          | 90                                       | 21                  | 200        | Li                 |
| CX      | 22.0           | 14.0           | 36          | 140                                      | 21                  | 200        | Li                 |

Conforms to IS 2494, BS 3790, ISO 4184 standards.



## PIX-X'tra® Raw Edge Moulded Cogged Wedge Belts



| Section | Dimensions     |                | Angle (Deg) | Standard | Recommended Minimum Pulley Diameter (mm) | Manufacturing Range |          |                    |
|---------|----------------|----------------|-------------|----------|--|---------------------|----------|--------------------|
|         | Top width (mm) | Thickness (mm) |             |          |  | Min (mm)            | Max (mm) | Length Designation |
| XPZ     | 10.0           | 8.0            | 36          | BS 3790  | 56                                       | 590                 | 5117     | Lp                 |
| XPA     | 13.0           | 10.0           | 36          | BS 3790  | 71                                       | 590                 | 5125     | Lp                 |
| XPB     | 17.0           | 14.0           | 36          | BS 3790  | 112                                      | 600                 | 5140     | Lp                 |
| XPC     | 22.0           | 18.0           | 36          | BS 3790  | 180                                      | 600                 | 5163     | Lp                 |



## PIX-X'tra® Raw Edge Moulded Cogged Narrow V-Belts



| Section | Dimensions     |                | Angle (Deg) | Standard  | Recommended Minimum Pulley Diameter (mm) | Manufacturing Range |            |                    |
|---------|----------------|----------------|-------------|-----------|--|---------------------|------------|--------------------|
|         | Top width (mm) | Thickness (mm) |             |           |  | Min (inch)          | Max (inch) | Length Designation |
| 3VX     | 9.7            | 8.0            | 38          | RMA IP 22 | 56                                       | 24                  | 202        | La                 |
| 5VX     | 15.8           | 14.0           | 38          | RMA IP 22 | 112                                      | 24                  | 203        | La                 |
| 8VX     | 25.4           | 23.0           | 38          | RMA IP 22 | 254                                      | 98                  | 200        | La                 |



## PIX-X'tra® MB Raw Edge Moulded Cogged Banded Belts

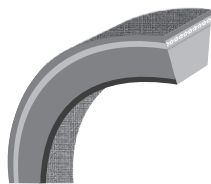


| Section | Dimensions     |                | Angle (Deg) | Pitch (mm) | Manufacturing Range |         |                    |
|---------|----------------|----------------|-------------|------------|---------------------|---------|--------------------|
|         | Top width (mm) | Thickness (mm) |             |            | Min                 | Max     | Length Designation |
| 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    | 9.7            | 10.0           | 36          | 10.3       | 23.5"               | 200"    | La                 |
| H5VX    | 15.8           | 16.0           | 36          | 17.5       | 23.5"               | 200"    | La                 |
| HAVX-10 | 10.0           | 8.0            | 36          | 12.6       | 600 mm              | 5080 mm | La                 |
| HAVX-13 | 13.0           | 10.0           | 36          | 16.0       | 600 mm              | 5080 mm | La                 |

Conforms to ISO 5291, BS 3790, ISO 5290 & DIN 7753 Standards.

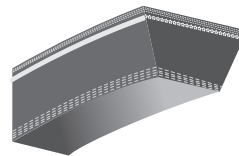


### PIX-X'tra® Raw Edge Plain Belts



Standards, Dimensions & Product Range :  
Same as that of Raw Edge Moulded Cogged Belts

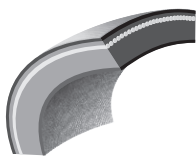
### PIX-X'tra® Raw Edge Laminated Belts



Standards, Dimensions & Product Range :  
Same as that of Raw Edge Moulded Cogged Belts

# VARIABLE SPEED BELTS

## PIX-X'set® VS



| Section | Angle (deg) | Manufacturing Range |          | Length Designation |
|---------|-------------|---------------------|----------|--------------------|
|         |             | Min (mm)            | Max (mm) |                    |
| 17x8    | 40          | 800                 | 1262     | Li                 |
| 25x13   | 30          | 1080                | 9068     | Li                 |
| 32x15   | 34          | 1171                | 8179     | Lp                 |
| 38x18   | 30          | 1500                | 9093     | Lp                 |
| 45x20   | 30          | 1524                | 9525     | Lp                 |
| 51x20   | 34          | 1816                | 9525     | Lp                 |
| 58x25   | 30          | 1930                | 6604     | Lp                 |
| 64x25   | 30          | 1930                | 6604     | Lp                 |

Conforms to ISO 3410:1989 standards.

## PIX-X'set® VS Non-standard sizes

| Section | Angle (deg) | Manufacturing Range |          | Length Designation |
|---------|-------------|---------------------|----------|--------------------|
|         |             | Min (mm)            | Max (mm) |                    |
| 13x11   | 40          | 1067                | 2032     | La                 |
| 15x9    | 40          | 608                 | 7061     | Lp                 |
| 19x11   | 40          | 1100                | 8763     | Lp                 |
| 21x9    | 40          | 940                 | 2286     | Lp                 |
| 22x16   | 40          | 1600                | 7162     | Li                 |
| 30x12   | 30          | 1002                | 5385     | Lp                 |
| 33x22   | 30          | 3886                | 16510    | La                 |
| 38x23   | 26          | 2362                | 8192     | La                 |
| 40x20   | 30          | 878                 | 6604     | Lp                 |
| 68x24   | 32          | 2464                | 9144     | Lp                 |

## PIX-X'tra® VS



| Section       | Top width (Nominal) (mm) | Thickness (Nominal) (mm) | Angle (Deg) | Manufacturing Range |          |
|---------------|--------------------------|--------------------------|-------------|---------------------|----------|
|               |                          |                          |             | Pitch Length        |          |
|               |                          |                          |             | Min (mm)            | Max (mm) |
| 22V-A22/1422V | 22                       | 8                        | 22          | 700                 | 5115     |
| 30V-A22/1922V | 30                       | 10                       | 22          | 700                 | 5125     |
| 37V-A22/2322V | 37                       | 11                       | 22          | 700                 | 5126     |
| 30V-A26/1926V | 30                       | 11                       | 26          | 700                 | 5126     |
| 46V-A26/2926V | 46                       | 13                       | 26          | 700                 | 5137     |
| 51V-A26/3226V | 51                       | 13                       | 26          | 700                 | 5137     |
| 40V-A30/2530V | 40                       | 15                       | 30          | 700                 | 5146     |
| 51V-A30/3230V | 51                       | 16                       | 30          | 700                 | 5147     |
| 70V-A30/4430V | 70                       | 18                       | 30          | 700                 | 5157     |
| 64V-A36/4036V | 64                       | 18                       | 36          | 700                 | 5157     |
| 70V-A36/4436V | 70                       | 18                       | 36          | 700                 | 5157     |
| 76V-A36/4836V | 76                       | 19                       | 36          | 700                 | 5161     |

Conforms to RMA IP 25/1991 Standards.

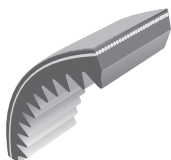
## PIX-X'tra® VS

| Section | Top width (Nominal) (mm) | Thickness (Nominal) (mm) | Angle (Deg) | Manufacturing Range |          |
|---------|--------------------------|--------------------------|-------------|---------------------|----------|
|         |                          |                          |             | Pitch Length        |          |
|         |                          |                          |             | Min (mm)            | Max (mm) |
| HI      | 25                       | 13                       | 30          | 700                 | 5135     |
| HJ      | 32                       | 15                       | 30          | 700                 | 5145     |
| HK      | 38                       | 18                       | 30          | 700                 | 5103     |
| HL      | 45                       | 20                       | 30          | 700                 | 5167     |
| HM      | 51                       | 22                       | 30          | 700                 | 5257     |

Conforms to BS 3733:1974 Standards.



## PIX-X'tra® VS



| Section | Top width (Nominal) (mm) | Thickness (Nominal) (mm) | Angle (Deg) | Manufacturing Range |          |
|---------|--------------------------|--------------------------|-------------|---------------------|----------|
|         |                          |                          |             | Pitch Length        |          |
|         |                          |                          |             | Min (mm)            | Max (mm) |
| HG      | 16.5                     | 8.0                      | 26          | 700                 | 5115     |
| HH      | 20.4                     | 10.0                     | 26          | 700                 | 5125     |
| HI      | 25.4                     | 12.7                     | 26          | 700                 | 5135     |
| HJ      | 31.8                     | 15.1                     | 26          | 700                 | 5145     |
| HK      | 38.1                     | 17.5                     | 26          | 700                 | 5155     |
| HL      | 44.5                     | 19.8                     | 26          | 700                 | 5165     |
| HM      | 50.8                     | 22.2                     | 26          | 700                 | 5177     |
| HN      | 57.2                     | 23.9                     | 26          | 700                 | 5185     |
| HO      | 63.5                     | 25.4                     | 26          | 700                 | 5192     |

Conforms to ISO 3410 (E) / IS : 8777-1978 Standards.

## PIX-X'tra® VS Non-standard sizes

| Thickness (mm)       | Manufacturing Range |                | Length Designation |
|----------------------|---------------------|----------------|--------------------|
|                      | Minimum (inch)      | Maximum (inch) |                    |
| 5.00 (REC / REP)     | 23.5                | 86             | Li                 |
| 8.00 (REC / REP)     | 24.0                | 200            | Li                 |
| 9.00 (REC / REP)     | 24.0                | 200            | Li                 |
| 10.00 (REC / REP)    | 24.0                | 200            | Li                 |
| 11.00 (REC / REP)    | 24.0                | 200            | Li                 |
| 12.00 (REC / REP)    | 24.0                | 200            | Li                 |
| 13.00 (REC / REP)    | 27.0                | 200            | Li                 |
| 14.00 (REC / REP)    | 27.0                | 200            | Li                 |
| 15.00 (REC / REP)    | 27.0                | 200            | Li                 |
| 16.00 (REC / REP)    | 27.0                | 200            | Li                 |
| 17.00 (REC / REP)    | 35.0                | 200            | Li                 |
| 18.00 (REC / REP)    | 35.0                | 200            | Li                 |
| 19.00 (REC / REP)    | 35.0                | 200            | Li                 |
| 20.00 (REC / REP)    | 35.0                | 200            | Li                 |
| 21.00 To 30.00 (REC) | 63.0                | 200            | Li                 |
| 20.00 To 22.00 (REP) | 63.0                | 200            | Li                 |

Note:

These belts can be manufactured with following dimensions -

Top width: 5 mm - 82 mm

Angle: 22°-60°

# SPECIAL CONSTRUCTION BELTS

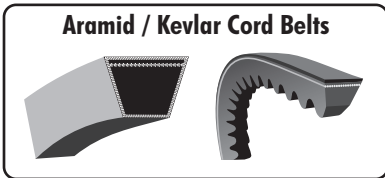


## PIX High Power Belts

**Series:** Available in entire range of PIX Wrapped and Raw Edge Belts.

**Construction & Features:** A composite layer with higher modulus across the belt section and with good flexibility along the belt circumference provides good support to High Modulus - Low Shrinkage (HMLS) tension member and thereby enhancing the power rating of the belt by 20% to 30% compared to the corresponding section of a standard V-Belt.

- ❖ The number of belts in a matched set of a multiple-belt-drive gets reduced.
- ❖ The belt life is improved significantly.
- ❖ The HMLS tension member minimises the belt stretch, improving the machine-up time.



## PIX Aramid / Kevlar Cord Belts

**Series:** Available in entire range of PIX wrapped & raw edge belts.

**Features:** PIX Aramid cord belts are suitable for highly specialised applications under stringent operations, such as drives where take-up allowance is not provided and there are restrictions on the drive width.

- ❖ Aramid is an organic polyaramide fibre that is manufactured using complex chemical processes.
- ❖ Aramid is used as tension member because of its high tensile strength.



## PIX Dry Cover Belts

**Series:** Entire range of PIX wrap belts.

**Features:** PIX Dry cover belts are suitable for drives having clutch applications, such as lawn mowers and chemical industries where contamination is not acceptable.

- ❖ These belts are usually manufactured in blue colour and can also be supplied in green, brown, red, black & white colours.
- ❖ Can be made available in Polyester or Aramid cord.



## PIX Double Cog Belts

**Series:** Entire range of PIX wrap belts.

- Features:**
- ❖ Extremely flexible.
  - ❖ Prevents buckling.
  - ❖ Can be used on smaller pulleys.
  - ❖ Offers better heat dissipation.
  - ❖ Have outstanding transverse stiffness.
  - ❖ Exhibit high power transmission capability.



## PIX FRAS Belts

**Series:** Available in entire range.

**Features:** PIX FRAS V-belts are suitable for fire hazardous drives where working environment such as coal mines & sensitive petrochemical installations require V-belts having fire resistant properties in addition to normal antistatic properties. These belts are also certified by ATEX.

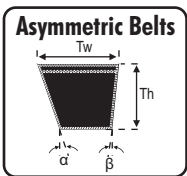
**Conforms to:** II 2GD c IIB X  
(Test report no. IB-03-4-934) - ATEX



## PIX Maintenance Free Belts

**Series:** Available in entire range.

- Features:**
- ❖ Reduced pulley groove wear due to optimized cover fabric.
  - ❖ Improved smooth running behavior, low vibration and strong power rating.
  - ❖ High shock load absorption capacity.
  - ❖ No re-tensioning required.
  - ❖ Just "Fit & forget".



## PIX Asymmetric Belts

| Tw | Th | $\alpha$ | $\beta$ | Length (mm) | Length Designation |
|----|----|----------|---------|-------------|--------------------|
| 19 | 10 | 18°      | 2°      | 1005        | La                 |
| 16 | 9  | 18°      | 2°      | 695         | La                 |
| 19 | 10 | 18°      | 2°      | 740         | La                 |
| 19 | 8  | 18°      | 2°      | 680         | La                 |
| 19 | 10 | 18°      | 2°      | 685         | La                 |

## Features:

Asymmetric belts finds application in torque converter systems. They are generally used in high performance golf-kart, snowmobiles, minibikes, material handling and Industrial equipment.

## Light Duty Single V-Belts

| Series            | 3L       | 4L     | 5L     |
|-------------------|----------|--------|--------|
| Top width (mm)    | 10       | 13     | 17     |
| Thickness (mm)    | 6        | 8      | 10     |
| Angle (deg)       | 40       | 40     | 40     |
| Range La (inches) | 10.5-160 | 15-360 | 21-220 |

| Series            | 2LX    | 3LX    | 4LX    | 5LX    |
|-------------------|--------|--------|--------|--------|
| Top width (mm)    | 6      | 10     | 13     | 17     |
| Thickness (mm)    | 4      | 6      | 8      | 10     |
| Angle (deg)       | 38     | 38     | 38     | 38     |
| Range La (inches) | 24-201 | 24-201 | 24-202 | 24-202 |

**Features:** These belts are used for a smaller sized machines, installed in the household appliances and are available in three different sections to meet the varying requirements.

These are always used in single belt drives.

## Fractional Horse Power Belts (FHP/M)

| Series            | 2000     |
|-------------------|----------|
| Top width (mm)    | 10.0     |
| Thickness (mm)    | 6.0      |
| Angle (deg)       | 40.0     |
| Range La (inches) | 11 - 173 |

## Features:

These belts are mainly used on Fractional Horse Power motors installed mainly in domestic appliances.

# PROFILE TOP BELTS

## PIX-X'set® PT-0

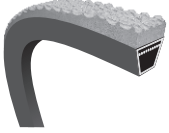


| Section   | Dimensions     |                | Height of Pattern (mm) | Manufacturing Range |          | Length Designation |
|-----------|----------------|----------------|------------------------|---------------------|----------|--------------------|
|           | Top width (mm) | Thickness (mm) |                        | Min                 | Max      |                    |
| B (17x14) | 17             | 14             | 3                      | 85 inch             | 658 inch | Li                 |
| B (17x16) | 17             | 16             | 5                      | 85 inch             | 658 inch | Li                 |
| A (13x13) | 13             | 13             | 5                      | 48 inch             | 257 inch | Li                 |
| 37 x 25   | 37             | 25             | 5                      | 4064 mm             | 16713 mm | Lp                 |

Application: Food grain industry.



## PIX-X'set® PT-HC Honey Comb Belts



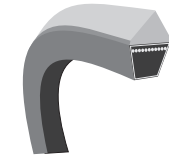
| Section   | Dimensions     |                | Height of Pattern (mm) | Manufacturing Range |            | Length Designation |
|-----------|----------------|----------------|------------------------|---------------------|------------|--------------------|
|           | Top width (mm) | Thickness (mm) |                        | Min (Inch)          | Max (Inch) |                    |
| B (17x17) | 17             | 17             | 6                      | 32                  | 658        | Li                 |
| C (22x20) | 22             | 20             | 6                      | 38                  | 658        | Li                 |

Note: Maximum height of PT-HC (Honey comb) pattern can be provided up to 12 mm on request.

Application: Tile & general industries



## PIX-X'set® PT-6

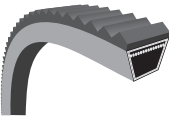


| Section   | Dimensions     |                | Height of Pattern (mm) | Manufacturing Range |            | Length Designation |
|-----------|----------------|----------------|------------------------|---------------------|------------|--------------------|
|           | Top width (mm) | Thickness (mm) |                        | Min (Inch)          | Max (Inch) |                    |
| B (17x22) | 17             | 22             | 11                     | 85                  | 375        | Li                 |
| B (17x26) | 17             | 26             | 15                     | 66                  | 375        | Li                 |
| B (17x21) | 17             | 21             | 10                     | 42                  | 79         | Li                 |
| C (22x25) | 22             | 25             | 11                     | 73                  | 350        | Li                 |

Application: Ceramic tiles industry.

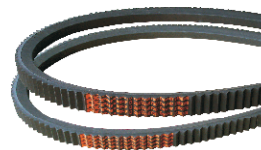


## PIX-X'set® PT-7



| Section   | Dimensions     |                | Height of Pattern (mm) | Manufacturing Range |          | Length Designation |
|-----------|----------------|----------------|------------------------|---------------------|----------|--------------------|
|           | Top width (mm) | Thickness (mm) |                        | Min                 | Max      |                    |
| 37(37x25) | 37             | 25             | 7                      | 4064 mm             | 8890 mm  | Lp                 |
| D (32x26) | 32             | 26             | 7                      | 142 inch            | 633 inch | Li                 |

Application: Horticulture industry.



## PIX-X'set® PT-2TP



| Section | Dimensions     |                | Height of Pattern (mm) | Manufacturing Range |         | Length Designation |
|---------|----------------|----------------|------------------------|---------------------|---------|--------------------|
|         | Top width (mm) | Thickness (mm) |                        | Min                 | Max     |                    |
| 3HSPB   | 10             | 12             | 6                      | 2134 mm             | 9144 mm | Lp                 |

Application: Steel plate cleaning system.



Corporate Office

# RIBBED BELTS (RMA/MPTA IP-26)

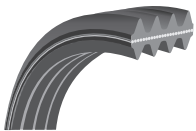
## PIX-X'ceed® Industrial Belts



| Section | Belt Thickness (mm) | Rib Pitch (mm) | Recommended Min Pulley Diameter (mm) | Manufacturing Range |          |
|---------|---------------------|----------------|--------------------------------------|---------------------|----------|
|         |                     |                |                                      | Effective Length    |          |
|         |                     |                |                                      | Min (mm)            | Max (mm) |
| PH      | 2.9                 | 1.60           | 13                                   | 280                 | 5080     |
| PJ      | 3.8                 | 2.34           | 20                                   | 280                 | 5080     |
| PK      | 4.5                 | 3.56           | 50                                   | 280                 | 5080     |
| PL      | 7.6                 | 4.70           | 75                                   | 280                 | 5080     |
| PM      | 13.3                | 9.40           | 180                                  | 280                 | 5080     |



## PIX-X'ceed® DS Double Sided Poly Belts



| Section | No. of Ribs | Manufacturing Range |          |
|---------|-------------|---------------------|----------|
|         |             | Effective Length    |          |
|         |             | Min (mm)            | Max (mm) |
| DPK     | 2 to 13     | 1195                | 3105     |
| DPL     | 2 to 11     | 1200                | 3105     |



## PIX-X'ceed® EL Elasticated Belt (PJ)



| Section | No. of Ribs | Manufacturing Range |          |
|---------|-------------|---------------------|----------|
|         |             | Effective Length    |          |
|         |             | Min (mm)            | Max (mm) |
| EL nPJ  | 2 to 20     | 600                 | 3105     |

Note: n = no. of ribs



## PIX-X'ceed® EPDM Poly Belts

### Features:

- Working Temperature up to 130°C.
- Abrasion & Flex cracking resistance is very high.
- Longer service life as compared to regular belts.
- Good dimensional stability.
- Higher power transmission.

### Applications:

Automobiles, High Speed Engines.



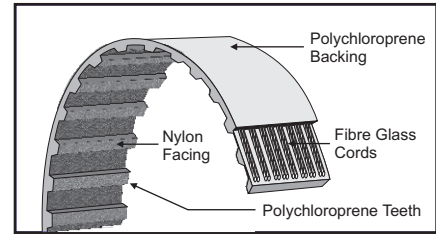
State-of-the-art Bazargaon Plant

# TIMING / SYNCHRONOUS BELTS

## PIX - X'act® CT CLASSICAL BELTS

### Features:

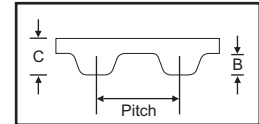
- ❖ Trapezoidal tooth profile.
- ❖ High efficiency due to positive engagement between belt teeth and pulley grooves.
- ❖ No re-tensioning required.
- ❖ Free from maintenance.
- ❖ No high tension required.



**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<br>27" | Section<br>(Tooth pitch 5.080 mm) | Belt Width<br>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                    |



Conforms to BS 4548 Standards.

### 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          |
| 250 XL     | 125          |
| 260 XL     | 130          |
| 270 XL     | 135          |
| 276 XL     | 138          |
| 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           |

| H Section |              |
|-----------|--------------|
| Section   | No. of Teeth |
| 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          |
| 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          |

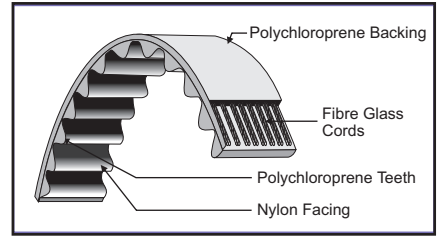
| H Section |              |
|-----------|--------------|
| Section   | No. of Teeth |
| 810 H     | 162          |
| 820 H     | 164          |
| 850 H     | 170          |
| 900 H     | 180          |
| 950 H     | 190          |
| 1000 H    | 200          |
| 1050 H    | 210          |
| 1100 H    | 220          |
| 1120 H    | 224          |
| 1140 H    | 228          |
| 1150 H    | 230          |
| 1200 H    | 240          |
| 1250 H    | 250          |
| 1325 H    | 265          |
| 1350 H    | 270          |
| 1400 H    | 280          |
| 1450 H    | 290          |
| 1600 H    | 320          |
| 1700 H    | 340          |

# TIMING / SYNCHRONOUS BELTS

## PIX - X'act<sup>®</sup> HTD BELTS

### Features:

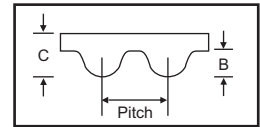
- ❖ Curvilinear tooth profile for improved stress distribution.
- ❖ Reduced tooth jump due to deeper tooth design.
- ❖ High efficiency due to positive engagement between belt teeth and the pulley grooves.
- ❖ No re-tensioning required.
- ❖ Free from maintenance.
- ❖ Increased power transmission capacity.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



Belt Designation: **PIX-X'act<sup>®</sup> HTD 800 8M** 8M 30  
**PIX-X'act<sup>®</sup> HTD 800 8M** 8M 30

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



Conforms to ISO 13050 Std./ PIX Standards.

### Product Range:

| 5M Section |              | 5M Section |              |
|------------|--------------|------------|--------------|
| Section    | No. of Teeth | Section    | No. of Teeth |
| 330 5M     | 66           | 810 5M     | 162          |
| 350 5M     | 70           | 835 5M     | 167          |
| 400 5M     | 80           | 850 5M     | 170          |
| 425 5M     | 85           | 860 5M     | 172          |
| 450 5M     | 90           | 870 5M     | 174          |
| 475 5M     | 95           | 890 5M     | 178          |
| 500 5M     | 100          | 895 5M     | 179          |
| 525 5M     | 105          | 900 5M     | 180          |
| 535 5M     | 107          | 925 5M     | 185          |
| 540 5M     | 108          | 935 5M     | 187          |
| 550 5M     | 110          | 950 5M     | 190          |
| 565 5M     | 113          | 980 5M     | 196          |
| 580 5M     | 116          | 1000 5M    | 200          |
| 590 5M     | 118          | 1050 5M    | 210          |
| 600 5M     | 120          | 1100 5M    | 220          |
| 615 5M     | 123          | 1125 5M    | 225          |
| 635 5M     | 127          | 1200 5M    | 240          |
| 640 5M     | 128          | 1270 5M    | 254          |
| 665 5M     | 133          | 1350 5M    | 270          |
| 670 5M     | 134          | 1420 5M    | 284          |
| 700 5M     | 140          | 1500 5M    | 300          |
| 710 5M     | 142          | 1595 5M    | 319          |
| 740 5M     | 148          | 1870 5M    | 374          |
| 750 5M     | 150          | 2000 5M    | 400          |
| 800 5M     | 160          | 2100 5M    | 420          |

| 8M Section |              | 8M Section |              |
|------------|--------------|------------|--------------|
| Section    | No. of Teeth | Section    | No. of Teeth |
| 424 8M     | 53           | 1152 8M    | 144          |
| 480 8M     | 60           | 1200 8M    | 150          |
| 512 8M     | 64           | 1224 8M    | 153          |
| 520 8M     | 65           | 1280 8M    | 160          |
| 560 8M     | 70           | 1304 8M    | 163          |
| 600 8M     | 75           | 1360 8M    | 170          |
| 640 8M     | 80           | 1400 8M    | 175          |
| 680 8M     | 85           | 1424 8M    | 178          |
| 720 8M     | 90           | 1440 8M    | 180          |
| 760 8M     | 95           | 1520 8M    | 190          |
| 800 8M     | 100          | 1600 8M    | 200          |
| 840 8M     | 105          | 1680 8M    | 210          |
| 880 8M     | 110          | 1760 8M    | 220          |
| 896 8M     | 112          | 1784 8M    | 223          |
| 920 8M     | 115          | 1800 8M    | 225          |
| 960 8M     | 120          | 1896 8M    | 237          |
| 968 8M     | 121          | 1904 8M    | 238          |
| 1000 8M    | 125          | 2000 8M    | 250          |
| 1040 8M    | 130          | 2080 8M    | 260          |
| 1056 8M    | 132          | 2248 8M    | 281          |
| 1080 8M    | 135          | 2272 8M    | 284          |
| 1120 8M    | 140          | 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          |
| 1456 14M    | 104          |
| 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          |
| 3850 14M    | 275          |

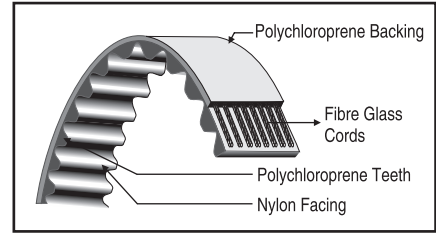
Note : Maximum sleeve width is available up to 450 mm

# TIMING / SYNCHRONOUS BELTS

## PIX - X'act<sup>®</sup> STD BELTS

### Features:

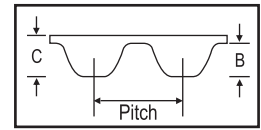
- ❖ Modified curvilinear tooth design.
- ❖ Modified & accurately spaced teeth ensure optimum entry/exit.
- ❖ Minimum noise level.
- ❖ Fiber glass tensile cords provide strength, excellent flex life and high resistance to elongation.
- ❖ Durable backing protects against environmental pollution, friction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



**Belt Designation:** PIX-X'act<sup>®</sup> STD S 5M 650 S 5M 15  
PIX-X'act<sup>®</sup> STD S 5M 650 S 5M 15

| STD 150 S 5M 650        |                                 |                        |
|-------------------------|---------------------------------|------------------------|
| STD 150                 | S 5M                            | 650                    |
| Belt Top Width<br>15 mm | Section<br>(Tooth pitch 5.0 mm) | Pitch Length<br>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                    |



Conforms to ISO 13050 / PIX Standards.

### Product Range:

| S 5M<br>Section |                   |              |
|-----------------|-------------------|--------------|
| Section         | Pitch Length (mm) | No. of Teeth |
| STD S 5M 375    | 375.00            | 75           |
| STD S 5M 400    | 400.00            | 80           |
| STD S 5M 500    | 500.00            | 100          |
| STD S 5M 520    | 520.00            | 104          |
| 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 830    | 830.00            | 166          |
| 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          |

| S 8M<br>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 520    | 520.00            | 65           |
| STD S 8M 560    | 560.00            | 70           |
| STD S 8M 584    | 584.00            | 73           |
| 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 840    | 840.00            | 105          |
| 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          |

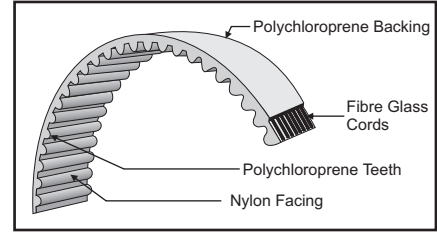
| S 8M<br>Section |                   |              |
|-----------------|-------------------|--------------|
| Section         | Pitch Length (mm) | No. of Teeth |
| STD S 8M 1040   | 1040.00           | 130          |
| STD S 8M 1056   | 1056.00           | 132          |
| STD S 8M 1072   | 1072.00           | 134          |
| STD S 8M 1120   | 1120.00           | 140          |
| STD S 8M 1200   | 1200.00           | 150          |
| STD S 8M 1248   | 1248.00           | 156          |
| STD S 8M 1256   | 1256.00           | 157          |
| STD S 8M 1280   | 1280.00           | 160          |
| 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 1912   | 1912.00           | 239          |
| STD S 8M 2000   | 2000.00           | 250          |
| STD S 8M 2400   | 2400.00           | 300          |
| STD S 8M 2600   | 2600.00           | 325          |

# TIMING / SYNCHRONOUS BELTS

## PIX - X'act<sup>®</sup> 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.

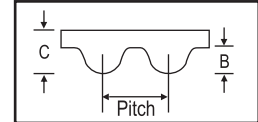


**Belt Designation:** **PIX-X'act<sup>®</sup> HP 300 5M** 5M 20  
**PIX-X'act<sup>®</sup> HP 300 5M** 5M 20

| 300 HP 5M 20           |                                 |                     |
|------------------------|---------------------------------|---------------------|
| HP300                  | 5M                              | 20                  |
| Pitch Length<br>300 mm | Section<br>(Tooth pitch 5.0 mm) | Belt Width<br>20 mm |

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

Conforms to PIX Standard



### Product Range:

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

Note : Maximum sleeve width is available up to 450 mm

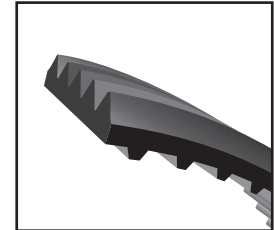
## PIX TIMING - POLY BELTS

### Features:

- High efficiency due to positive drive.
- Fixed speed ratios.
- No re-tensioning after installation.
- Low maintenance with wide variety of power transmission capacities and drive speeds.
- Operating temperature range -30°C to +120°C.

### Application:

PIX TIMING POLY BELT is a double-sided power transmission belt most popularly used in flour & rice mill, rolling mills, fruit mill industries and special industrial machines. Applicable for positive engagement, multi-pulley drives with requirement of transmitting higher power at greater speed ratios.



## ACCESSORIES

### Belt Accessories:



### PIX Drive Design Software



### Abbreviations

**Li:** Inside length, **Le:** Effective length, **Lp:** Pitch length, **La:** Outside length, **Min:** Minimum, **Max:** Maximum, **Deg:** Degree