

Timing Drives & Belts

CLASSICAL TIMING DRIVES

Components for the original Timing Drive system are still available.

Belts and pulleys for L (Light or 3/8" pitch) and H (Heavy or 1/2" pitch) drives are available from stock as listed on pages 119 to 121 whilst the table below includes XL (eXtra Light) and XH (eXtra Heavy) belts which are

readily available but not always from stock. H pitch belts of 3" width are available but not from stock.

Order by catalogue codes shown on the following tables.

Fenner Timing Belt drive components conform to ISO 5296 and to BS 4548.

Drive powers of up to 50 kW can be

accommodated and most of the pulleys use Taper Lock bushes for shaft fixing.

It is anticipated that the great majority of new drive requirements can best be satisfied with one of the more modern synchronous drive systems. Should drive design details be required – consult FPT.

| (XL) EXTRA LIGHT* | | | | | | | |
|------------------------|------------------|----------------|------------------|------------------------|------------------|----------------|------------------|
| 1/4" (6,5mm) WIDE BELT | | | | 3/8" (9,5mm) WIDE BELT | | | |
| Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation |
| 275S0006 | 60XL025 | 275S0017 | 170XL025 | 275S2006 | 60XL037 | 275S2017 | 170XL037 |
| 007 | 70 | 018 | 180 | 007 | 70 | 018 | 180 |
| 008 | 80 | 019 | 190 | 008 | 80 | 019 | 190 |
| 009 | 90 | 020 | 200 | 009 | 90 | 020 | 200 |
| 010 | 100 | 021 | 210 | 010 | 100 | 021 | 210 |
| 011 | 110 | 022 | 220 | 011 | 110 | 022 | 220 |
| 012 | 120 | 023 | 230 | 012 | 120 | 023 | 230 |
| 013 | 130 | 024 | 240 | 013 | 130 | 024 | 240 |
| 014 | 140 | 025 | 250 | 014 | 140 | 025 | 250 |
| 015 | 150 | 026 | 260 | 015 | 150 | 026 | 260 |
| 016 | 160 | | | 016 | 160 | | |

| (L) LIGHT | | | | | | | | | | | |
|-----------------------|------------------|----------------|------------------|-----------------------|------------------|----------------|------------------|---------------------|------------------|----------------|------------------|
| 1/2" (13mm) WIDE BELT | | | | 3/4" (19mm) WIDE BELT | | | | 1" (25mm) WIDE BELT | | | |
| Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation |
| 275L3012 | 124L050 | 275L3034 | 345L050 | 275L4012 | 124L075 | 275L4034 | 345L075 | 275L5012 | 124L100 | 275L5034 | 345L100 |
| 015 | 150 | 037 | 367 | 015 | 150 | 037 | 367 | 015 | 150 | 037 | 367 |
| 019 | 187 | 039 | 390 | 019 | 187 | 039 | 390 | 019 | 187 | 039 | 390 |
| 021 | 210 | 042 | 420 | 021 | 210 | 042 | 420 | 021 | 210 | 042 | 420 |
| 022 | 225 | 045 | 450 | 022 | 225 | 045 | 450 | 022 | 225 | 045 | 450 |
| 024 | 240 | 048 | 480 | 024 | 240 | 048 | 480 | 024 | 240 | 048 | 480 |
| 025 | 255 | 051 | 510 | 025 | 255 | 051 | 510 | 025 | 255 | 051 | 510 |
| 027 | 270 | 054 | 540 | 027 | 270 | 054 | 540 | 027 | 270 | 054 | 540 |
| 028 | 285 | 060 | 600 | 028 | 285 | 060 | 600 | 028 | 285 | 060 | 600 |
| 030 | 300 | | | 030 | 300 | | | 030 | 300 | | |
| 032 | 322 | | | 032 | 322 | | | 032 | 322 | | |

| (H) HEAVY | | | | | | | | | |
|-----------------------|------------------|---------------------|------------------|-------------------------|------------------|---------------------|------------------|---------------------|------------------|
| 3/4" (19mm) WIDE BELT | | 1" (25mm) WIDE BELT | | 1 1/2" (38mm) WIDE BELT | | 2" (51mm) WIDE BELT | | 3" (76mm) WIDE BELT | |
| Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation |
| 275H4024 | 240H075 | 275H5024 | 240H100 | 275H6024 | 240H150 | 275H7024 | 240H200 | 275H8024 | 240H300 |
| 027 | 270 | 027 | 270 | 027 | 270 | 027 | 270 | 027 | 270 |
| 030 | 300 | 030 | 300 | 030 | 300 | 030 | 300 | 030 | 300 |
| 033 | 330 | 033 | 330 | 033 | 330 | 033 | 330 | 033 | 330 |
| 036 | 360 | 036 | 360 | 036 | 360 | 036 | 360 | 036 | 360 |
| 039 | 390 | 039 | 390 | 039 | 390 | 039 | 390 | 039 | 390 |
| 042 | 420 | 042 | 420 | 042 | 420 | 042 | 420 | 042 | 420 |
| 045 | 450 | 045 | 450 | 045 | 450 | 045 | 450 | 045 | 450 |
| 048 | 480 | 048 | 480 | 048 | 480 | 048 | 480 | 048 | 480 |
| 051 | 510 | 051 | 510 | 051 | 510 | 051 | 510 | 051 | 510 |
| 054 | 540 | 054 | 540 | 054 | 540 | 054 | 540 | 054 | 540 |
| 057 | 570 | 057 | 570 | 057 | 570 | 057 | 570 | 057 | 570 |
| 060 | 600 | 060 | 600 | 060 | 600 | 060 | 600 | 060 | 600 |
| 063 | 630 | 063 | 630 | 063 | 630 | 063 | 630 | 063 | 630 |
| 066 | 660 | 066 | 660 | 066 | 660 | 066 | 660 | 066 | 660 |
| 070 | 700 | 070 | 700 | 070 | 700 | 070 | 700 | 070 | 700 |
| 075 | 750 | 075 | 750 | 075 | 750 | 075 | 750 | 075 | 750 |
| 080 | 800 | 080 | 800 | 080 | 800 | 080 | 800 | 080 | 800 |
| 085 | 850 | 085 | 850 | 085 | 850 | 085 | 850 | 085 | 850 |
| 090 | 900 | 090 | 900 | 090 | 900 | 090 | 900 | 090 | 900 |
| 100 | 1000 | 100 | 1000 | 100 | 1000 | 100 | 1000 | 100 | 1000 |
| 110 | 1100 | 110 | 1100 | 110 | 1100 | 110 | 1100 | 110 | 1100 |
| 125 | 1250 | 125 | 1250 | 125 | 1250 | 125 | 1250 | 125 | 1250 |
| 140 | 1400 | 140 | 1400 | 140 | 1400 | 140 | 1400 | 140 | 1400 |
| 170 | 1700 | 170 | 1700 | 170 | 1700 | 170 | 1700 | 170 | 1700 |

| (XH) EXTRA HEAVY* | | | | | | | | | | | |
|---------------------|------------------|----------------|------------------|---------------------|------------------|----------------|------------------|----------------------|------------------|----------------|------------------|
| 2" (51mm) WIDE BELT | | | | 3" (76mm) WIDE BELT | | | | 4" (102mm) WIDE BELT | | | |
| Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation | Catalogue Code | Belt Designation |
| 275X7050 | 507XH200 | 275X7098 | 980XH200 | 275X8050 | 507XH300 | 275X8098 | 908XH300 | 275X9050 | 507XH400 | 275X9098 | 980XH400 |
| 056 | 560 | 112 | 1120 | 056 | 560 | 112 | 1120 | 056 | 560 | 112 | 1120 |
| 063 | 630 | 126 | 1260 | 063 | 630 | 126 | 1260 | 063 | 630 | 126 | 1260 |
| 070 | 700 | 140 | 1400 | 070 | 700 | 140 | 1400 | 070 | 700 | 140 | 1400 |
| 077 | 770 | 154 | 1540 | 077 | 770 | 154 | 1540 | 077 | 770 | 154 | 1540 |
| 084 | 840 | 175 | 1750 | 084 | 840 | 175 | 1750 | 084 | 840 | 175 | 1750 |

* XL and XH Belts available for replacement only – pulleys are not available from stock.