



# PRICE LIST

W.E.F.: 1st MAY 2022

*Power Transmission Products  
Made With German Technology*



# *Euro Zeta*

## E - SET V-BELTS

# *Euro Zeta*

## E - SET V-BELTS



**Dharamshila Belting Pvt. Ltd.**



IS : 2494

**Intertek**





# Euro Zeta

## V-BELTS

**PRICE LIST**  
W.E.F.: 1st MAY 2022

### CLASSIC V-BELTS



#### A SECTION

| Section | Dimensions(mm) |           | Angle degree | Rec. min pulley dia. | Mfg. range (inches) | Belt length factor (mm) |          |          |
|---------|----------------|-----------|--------------|----------------------|---------------------|-------------------------|----------|----------|
|         | Top width      | Thickness |              |                      |                     | Lp to La                | Li to Lp | Li to La |
| A       | 13.0           | 8.0       | 40           | 75 dp (mm)           | 20 to 195           | 14.0                    | 36.0     | 50.0     |
| B       | 17.0           | 11.0      | 40           | 125 dp (mm)          | 20 to 650           | 26.0                    | 43.0     | 69.0     |

| Size | Price  | Size | Price  | Size | Price  | Size  | Price  | Size  | Price   |
|------|--------|------|--------|------|--------|-------|--------|-------|---------|
| A 20 | 182.00 | A 42 | 283.00 | A 64 | 375.00 | A 86  | 526.00 | A 116 | 797.00  |
| A 21 | 182.00 | A 43 | 289.00 | A 65 | 391.00 | A 87  | 542.00 | A 118 | 803.00  |
| A 22 | 193.00 | A 44 | 293.00 | A 66 | 398.00 | A 88  | 561.00 | A 120 | 811.00  |
| A 23 | 194.00 | A 45 | 296.00 | A 67 | 398.00 | A 89  | 561.00 | A 124 | 831.00  |
| A 24 | 199.00 | A 46 | 304.00 | A 68 | 409.00 | A 90  | 584.00 | A 125 | 837.00  |
| A 25 | 204.00 | A 47 | 309.00 | A 69 | 414.00 | A 91  | 597.00 | A 128 | 878.00  |
| A 26 | 208.00 | A 48 | 312.00 | A 70 | 428.00 | A 92  | 608.00 | A 130 | 902.00  |
| A 27 | 208.00 | A 49 | 314.00 | A 71 | 431.00 | A 93  | 618.00 | A 134 | 923.00  |
| A 28 | 213.00 | A 50 | 317.00 | A 72 | 437.00 | A 94  | 627.00 | A 136 | 936.00  |
| A 29 | 215.00 | A 51 | 323.00 | A 73 | 442.00 | A 95  | 636.00 | A 140 | 950.00  |
| A 30 | 217.00 | A 52 | 329.00 | A 74 | 444.00 | A 96  | 640.00 | A 144 | 966.00  |
| A 31 | 232.00 | A 53 | 330.00 | A 75 | 447.00 | A 97  | 647.00 | A 158 | 1025.00 |
| A 32 | 235.00 | A 54 | 331.00 | A 76 | 447.00 | A 98  | 655.00 | A 160 | 1038.00 |
| A 33 | 241.00 | A 55 | 333.00 | A 77 | 462.00 | A 99  | 664.00 | A 162 | 1050.00 |
| A 34 | 243.00 | A 56 | 338.00 | A 78 | 466.00 | A 100 | 671.00 | A 168 | 1098.00 |
| A 35 | 255.00 | A 57 | 340.00 | A 79 | 466.00 | A 105 | 706.00 | A 173 | 1126.00 |
| A 36 | 261.00 | A 58 | 343.00 | A 80 | 484.00 | A 107 | 714.00 | A 174 | 1138.00 |
| A 37 | 265.00 | A 59 | 345.00 | A 81 | 493.00 | A 108 | 729.00 | A 180 | 1174.00 |
| A 38 | 266.00 | A 60 | 355.00 | A 82 | 497.00 | A 110 | 745.00 | A 195 | 1273.00 |
| A 39 | 272.00 | A 61 | 365.00 | A 83 | 505.00 | A 112 | 761.00 |       |         |
| A 40 | 275.00 | A 62 | 368.00 | A 84 | 505.00 | A 114 | 778.00 |       |         |
| A 41 | 276.00 | A 63 | 371.00 | A 85 | 518.00 | A 115 | 789.00 |       |         |

#### B SECTION

| Size | Price  | Size | Price  | Size  | Price  | Size  | Price   | Size  | Price   |
|------|--------|------|--------|-------|--------|-------|---------|-------|---------|
| B 20 | 249.00 | B 49 | 395.00 | B 78  | 623.00 | B 110 | 1022.00 | B 162 | 1530.00 |
| B 21 | 252.00 | B 50 | 398.00 | B 79  | 631.00 | B 112 | 1050.00 | B 165 | 1557.00 |
| B 22 | 257.00 | B 51 | 408.00 | B 80  | 640.00 | B 114 | 1067.00 | B 166 | 1570.00 |
| B 23 | 257.00 | B 52 | 411.00 | B 81  | 666.00 | B 115 | 1089.00 | B 168 | 1579.00 |
| B 24 | 268.00 | B 53 | 418.00 | B 82  | 672.00 | B 116 | 1095.00 | B 169 | 1586.00 |
| B 25 | 274.00 | B 54 | 422.00 | B 83  | 682.00 | B 117 | 1104.00 | B 170 | 1602.00 |
| B 26 | 279.00 | B 55 | 436.00 | B 84  | 688.00 | B 118 | 1112.00 | B 173 | 1616.00 |
| B 27 | 281.00 | B 56 | 439.00 | B 85  | 697.00 | B 120 | 1133.00 | B 175 | 1629.00 |
| B 28 | 284.00 | B 57 | 446.00 | B 86  | 725.00 | B 122 | 1142.00 | B 180 | 1649.00 |
| B 29 | 286.00 | B 58 | 450.00 | B 87  | 741.00 | B 123 | 1143.00 | B 182 | 1692.00 |
| B 30 | 298.00 | B 59 | 454.00 | B 88  | 771.00 | B 124 | 1145.00 | B 185 | 1727.00 |
| B 31 | 315.00 | B 60 | 458.00 | B 89  | 774.00 | B 126 | 1160.00 | B 190 | 1760.00 |
| B 32 | 317.00 | B 61 | 463.00 | B 90  | 778.00 | B 128 | 1163.00 | B 195 | 1816.00 |
| B 33 | 318.00 | B 62 | 468.00 | B 91  | 833.00 | B 130 | 1207.00 | B 200 | 1825.00 |
| B 34 | 319.00 | B 63 | 472.00 | B 92  | 850.00 | B 132 | 1222.00 | B 204 | 1857.00 |
| B 35 | 320.00 | B 64 | 478.00 | B 93  | 854.00 | B 134 | 1231.00 | B 210 | 1917.00 |
| B 36 | 322.00 | B 65 | 513.00 | B 94  | 862.00 | B 136 | 1250.00 | B 215 | 1953.00 |
| B 37 | 323.00 | B 66 | 530.00 | B 95  | 874.00 | B 138 | 1287.00 | B 220 | 1999.00 |
| B 38 | 326.00 | B 67 | 539.00 | B 96  | 877.00 | B 140 | 1306.00 | B 230 | 2097.00 |
| B 39 | 329.00 | B 68 | 549.00 | B 97  | 901.00 | B 142 | 1333.00 | B 238 | 2161.00 |
| B 40 | 333.00 | B 69 | 560.00 | B 98  | 904.00 | B 144 | 1357.00 | B 244 | 2220.00 |
| B 41 | 344.00 | B 70 | 573.00 | B 99  | 907.00 | B 146 | 1373.00 | B 250 | 2265.00 |
| B 42 | 348.00 | B 71 | 584.00 | B 100 | 913.00 | B 148 | 1393.00 | B 275 | 2489.00 |
| B 43 | 352.00 | B 72 | 587.00 | B 102 | 931.00 | B 150 | 1425.00 | B 294 | 2657.00 |
| B 44 | 356.00 | B 73 | 600.00 | B 103 | 937.00 | B 152 | 1449.00 | B 310 | 2793.00 |
| B 45 | 359.00 | B 74 | 605.00 | B 104 | 945.00 | B 154 | 1474.00 | B 328 | 2945.00 |
| B 46 | 376.00 | B 75 | 609.00 | B 105 | 961.00 | B 156 | 1485.00 | B 380 | 3375.00 |
| B 47 | 379.00 | B 76 | 612.00 | B 106 | 971.00 | B 158 | 1497.00 |       |         |
| B 48 | 385.00 | B 77 | 620.00 | B 108 | 979.00 | B 160 | 1517.00 |       |         |

# Euro Zeta

## V-BELTS

**PRICE LIST**  
W.E.F.: 1st MAY 2022

### CLASSIC V-BELTS



| Section | Dimensions(mm) |           | Angle degree | Rec. min pulley dia. | Mfg. range (inches) | Belt length factor (mm) |          |          |
|---------|----------------|-----------|--------------|----------------------|---------------------|-------------------------|----------|----------|
|         | Top width      | Thickness |              |                      |                     | Lp to La                | Li to Lp | Li to La |
| C       | 22.0           | 14.0      | 40           | 200 dp (mm)          | 35 to 650           | 32.0                    | 56.0     | 88.0     |
| D       | 32.0           | 19.0      | 40           | 350 dp (mm)          | 80 to 650           | 40.0                    | 79.0     | 119.0    |
| E       | 38.0           | 23.0      | 40           | 500 dp (mm)          | 180 to 650          | 53.0                    | 92.0     | 145.0    |

### C SECTION

| Size | Price  | Size | Price   | Size  | Price   | Size  | Price   | Size  | Price   |
|------|--------|------|---------|-------|---------|-------|---------|-------|---------|
| C 35 | 494.00 | C 66 | 810.00  | C 97  | 1339.00 | C 140 | 1934.00 | C 244 | 3047.00 |
| C 36 | 500.00 | C 67 | 826.00  | C 98  | 1354.00 | C 142 | 1950.00 | C 245 | 3063.00 |
| C 37 | 504.00 | C 68 | 829.00  | C 100 | 1366.00 | C 144 | 1959.00 | C 250 | 3130.00 |
| C 38 | 506.00 | C 69 | 846.00  | C 101 | 1407.00 | C 146 | 1959.00 | C 255 | 3175.00 |
| C 39 | 506.00 | C 70 | 865.00  | C 102 | 1440.00 | C 148 | 1981.00 | C 258 | 3211.00 |
| C 40 | 524.00 | C 71 | 872.00  | C 103 | 1450.00 | C 150 | 1999.00 | C 260 | 3235.00 |
| C 41 | 524.00 | C 72 | 881.00  | C 104 | 1477.00 | C 152 | 2016.00 | C 268 | 3343.00 |
| C 42 | 538.00 | C 73 | 893.00  | C 105 | 1493.00 | C 154 | 2016.00 | C 275 | 3434.00 |
| C 43 | 538.00 | C 74 | 902.00  | C 106 | 1501.00 | C 158 | 2035.00 | C 280 | 3499.00 |
| C 44 | 546.00 | C 75 | 909.00  | C 107 | 1519.00 | C 160 | 2057.00 | C 285 | 3564.00 |
| C 45 | 558.00 | C 76 | 921.00  | C 108 | 1546.00 | C 162 | 2060.00 | C 290 | 3635.00 |
| C 46 | 577.00 | C 77 | 930.00  | C 109 | 1564.00 | C 164 | 2064.00 | C 292 | 3654.00 |
| C 47 | 591.00 | C 78 | 943.00  | C 110 | 1579.00 | C 165 | 2074.00 | C 295 | 3695.00 |
| C 48 | 591.00 | C 79 | 961.00  | C 112 | 1580.00 | C 168 | 2097.00 | C 296 | 3709.00 |
| C 49 | 599.00 | C 80 | 974.00  | C 113 | 1602.00 | C 170 | 2127.00 | C 298 | 3753.00 |
| C 50 | 611.00 | C 81 | 1006.00 | C 114 | 1613.00 | C 173 | 2161.00 | C 300 | 3777.00 |
| C 51 | 623.00 | C 82 | 1014.00 | C 115 | 1614.00 | C 175 | 2194.00 | C 302 | 3799.00 |
| C 52 | 626.00 | C 83 | 1027.00 | C 116 | 1623.00 | C 176 | 2217.00 | C 305 | 3842.00 |
| C 53 | 631.00 | C 84 | 1038.00 | C 117 | 1627.00 | C 180 | 2250.00 | C 306 | 3856.00 |
| C 54 | 638.00 | C 85 | 1046.00 | C 118 | 1627.00 | C 182 | 2279.00 | C 308 | 3878.00 |
| C 55 | 647.00 | C 86 | 1061.00 | C 120 | 1629.00 | C 185 | 2312.00 | C 310 | 3911.00 |
| C 56 | 670.00 | C 87 | 1076.00 | C 122 | 1646.00 | C 188 | 2352.00 | C 328 | 4168.00 |
| C 57 | 675.00 | C 88 | 1101.00 | C 123 | 1661.00 | C 190 | 2376.00 | C 358 | 4689.00 |
| C 58 | 683.00 | C 89 | 1125.00 | C 124 | 1685.00 | C 192 | 2401.00 | C 418 | 5982.00 |
| C 59 | 700.00 | C 90 | 1163.00 | C 126 | 1714.00 | C 195 | 2439.00 | C 478 | 6830.00 |
| C 60 | 707.00 | C 91 | 1205.00 | C 128 | 1756.00 | C 200 | 2522.00 | C 500 | 7214.00 |
| C 61 | 720.00 | C 92 | 1231.00 | C 130 | 1792.00 | C 204 | 2559.00 | C 538 | 8635.00 |
| C 62 | 732.00 | C 93 | 1254.00 | C 132 | 1822.00 | C 210 | 2625.00 | C 598 | 9059.00 |
| C 63 | 740.00 | C 94 | 1284.00 | C 134 | 1847.00 | C 220 | 2744.00 | C 650 | 9378.00 |
| C 64 | 746.00 | C 95 | 1291.00 | C 136 | 1869.00 | C 225 | 2815.00 | C 658 | 9968.00 |
| C 65 | 792.00 | C 96 | 1317.00 | C 138 | 1897.00 | C 238 | 2968.00 |       |         |

### D SECTION

| Size  | Price   | Size  | Price   | Size  | Price   | Size  | Price   | Size  | Price    |
|-------|---------|-------|---------|-------|---------|-------|---------|-------|----------|
| D 80  | 2152.00 | D 118 | 2788.00 | D 168 | 3955.00 | D 250 | 6250.00 | D 374 | 9857.00  |
| D 84  | 2262.00 | D 119 | 2809.00 | D 173 | 4093.00 | D 255 | 6362.00 | D 390 | 10849.00 |
| D 90  | 2363.00 | D 120 | 2818.00 | D 180 | 4251.00 | D 258 | 6474.00 | D 408 | 11226.00 |
| D 95  | 2410.00 | D 122 | 2858.00 | D 185 | 4370.00 | D 260 | 6518.00 | D 418 | 11578.00 |
| D 98  | 2445.00 | D 124 | 2911.00 | D 190 | 4619.00 | D 268 | 6767.00 | D 450 | 12480.00 |
| D 100 | 2460.00 | D 126 | 2916.00 | D 195 | 4752.00 | D 280 | 7055.00 | D 478 | 13236.00 |
| D 105 | 2536.00 | D 128 | 2969.00 | D 200 | 4889.00 | D 298 | 7572.00 | D 500 | 14134.00 |
| D 108 | 2605.00 | D 144 | 3358.00 | D 204 | 5003.00 | D 314 | 7762.00 | D 538 | 14997.00 |
| D 112 | 2655.00 | D 146 | 3400.00 | D 210 | 5171.00 | D 320 | 7940.00 | D 598 | 16670.00 |
| D 114 | 2684.00 | D 158 | 3760.00 | D 220 | 5407.00 | D 328 | 8095.00 | D 630 | 17828.00 |
| D 115 | 2696.00 | D 162 | 3843.00 | D 225 | 5519.00 | D 358 | 8863.00 | D 650 | 18519.00 |
| D 116 | 2708.00 | D 165 | 3913.00 | D 238 | 5959.00 | D 360 | 9679.00 | D 658 | 18671.00 |

### E SECTION

| Size  | Price   | Size  | Price    | Size  | Price    | Size  | Price    | Size  | Price    |
|-------|---------|-------|----------|-------|----------|-------|----------|-------|----------|
| E 180 | 6698.00 | E 238 | 8948.00  | E 328 | 12381.00 | E 418 | 15865.00 | E 540 | 20166.00 |
| E 195 | 7277.00 | E 268 | 10143.00 | E 358 | 13505.00 | E 450 | 17023.00 | E 578 | 21439.00 |
| E 210 | 7905.00 | E 292 | 10995.00 | E 374 | 14478.00 | E 478 | 18038.00 | E 650 | 23847.00 |
| E 220 | 8278.00 | E 298 | 11264.00 | E 394 | 15114.00 | E 498 | 18761.00 |       |          |



# Euro Zeta

## V-BELTS

**PRICE LIST**  
W.E.F.: 1st MAY 2022

### HEXAGONAL V-BELTS



| Section | Dimensions(mm) |           | Angle degree | Rec. min pulley dia. | Mfg. range (inches) | Belt length factor (mm) |  |
|---------|----------------|-----------|--------------|----------------------|---------------------|-------------------------|--|
|         | Top width      | Thickness |              |                      |                     | Li to Lp                |  |
| BB      | 17.0           | 14.0      | 40           | 125 dp (mm)          | 54 to 210           | 43.0                    |  |

### BB SECTION

| Size  | Price  | Size  | Price  | Size   | Price   | Size   | Price   |
|-------|--------|-------|--------|--------|---------|--------|---------|
| BB 62 | 572.00 | BB 82 | 661.00 | BB 94  | 885.00  | BB 108 | 1074.00 |
| BB 70 | 580.00 | BB 83 | 665.00 | BB 95  | 887.00  | BB 109 | 1083.00 |
| BB 72 | 585.00 | BB 84 | 779.00 | BB 96  | 888.00  | BB 110 | 1089.00 |
| BB 74 | 589.00 | BB 85 | 789.00 | BB 98  | 924.00  | BB 112 | 1108.00 |
| BB 75 | 615.00 | BB 86 | 797.00 | BB 100 | 998.00  | BB 115 | 1132.00 |
| BB 78 | 644.00 | BB 88 | 822.00 | BB 102 | 1013.00 | BB 120 | 1187.00 |
| BB 80 | 644.00 | BB 90 | 837.00 | BB 105 | 1047.00 | BB 124 | 1217.00 |
| BB 81 | 659.00 | BB 92 | 854.00 | BB 106 | 1063.00 |        |         |

### WEDGE V-BELTS



| Section | Dimensions(mm) |           | Angle degree | Rec. min pulley dia. | Mfg. range (inches) | Belt length factor (mm) |          |          |
|---------|----------------|-----------|--------------|----------------------|---------------------|-------------------------|----------|----------|
|         | Top width      | Thickness |              |                      |                     | Lp to La                | Li to Lp | Li to La |
| SPZ     | 10.0           | 8.0       | 40           | 63 dp (mm)           | 630 to 4500         | 13.0                    | 37.0     | 50.0     |
| SPA     | 13.0           | 10.0      | 40           | 90 dp (mm)           | 732 to 4500         | 18.0                    | 45.0     | 63.0     |
| SPB     | 16.0           | 13.0      | 40           | 160 dp (mm)          | 1000 to 12500       | 22.0                    | 60.0     | 82.0     |

### SPZ SECTION

| Size | Price  | Size | Price  | Size | Price  | Size | Price  | Size | Price  |
|------|--------|------|--------|------|--------|------|--------|------|--------|
| 630  | 197.00 | 1010 | 265.00 | 1348 | 338.00 | 1800 | 434.00 | 2500 | 586.00 |
| 670  | 197.00 | 1060 | 267.00 | 1358 | 338.00 | 1850 | 445.00 | 2540 | 614.00 |
| 710  | 213.00 | 1080 | 276.00 | 1400 | 348.00 | 1900 | 456.00 | 2650 | 628.00 |
| 750  | 213.00 | 1120 | 284.00 | 1420 | 353.00 | 2000 | 480.00 | 2680 | 633.00 |
| 760  | 217.00 | 1140 | 290.00 | 1470 | 361.00 | 2030 | 495.00 | 2800 | 663.00 |
| 800  | 220.00 | 1180 | 305.00 | 1500 | 377.00 | 2120 | 511.00 | 2840 | 665.00 |
| 825  | 228.00 | 1200 | 305.00 | 1520 | 378.00 | 2160 | 526.00 | 3000 | 707.00 |
| 900  | 241.00 | 1250 | 310.00 | 1560 | 382.00 | 2240 | 536.00 | 3150 | 738.00 |
| 940  | 245.00 | 1270 | 316.00 | 1600 | 390.00 | 2280 | 542.00 | 3170 | 749.00 |
| 950  | 251.00 | 1320 | 336.00 | 1650 | 400.00 | 2360 | 558.00 | 3350 | 786.00 |
| 1000 | 254.00 | 1340 | 336.00 | 1700 | 407.00 | 2410 | 581.00 |      |        |

### SPA SECTION

| Size | Price  | Size | Price  | Size | Price  | Size | Price  | Size | Price   |
|------|--------|------|--------|------|--------|------|--------|------|---------|
| 800  | 335.00 | 1120 | 406.00 | 1600 | 559.00 | 2180 | 734.00 | 2900 | 951.00  |
| 825  | 341.00 | 1150 | 425.00 | 1650 | 575.00 | 2200 | 738.00 | 3000 | 979.00  |
| 850  | 343.00 | 1180 | 435.00 | 1700 | 589.00 | 2240 | 751.00 | 3150 | 1018.00 |
| 875  | 353.00 | 1220 | 442.00 | 1750 | 605.00 | 2280 | 764.00 | 3350 | 1078.00 |
| 900  | 355.00 | 1250 | 453.00 | 1800 | 622.00 | 2300 | 768.00 | 3550 | 1150.00 |
| 925  | 365.00 | 1280 | 462.00 | 1850 | 622.00 | 2360 | 784.00 | 3750 | 1217.00 |
| 950  | 366.00 | 1320 | 470.00 | 1900 | 637.00 | 2430 | 811.00 | 4000 | 1287.00 |
| 975  | 375.00 | 1360 | 493.00 | 1925 | 652.00 | 2500 | 836.00 |      |         |
| 1000 | 382.00 | 1400 | 502.00 | 1950 | 652.00 | 2580 | 842.00 |      |         |
| 1030 | 382.00 | 1450 | 515.00 | 2000 | 678.00 | 2650 | 874.00 |      |         |
| 1060 | 393.00 | 1500 | 532.00 | 2060 | 698.00 | 2750 | 892.00 |      |         |
| 1090 | 404.00 | 1550 | 544.00 | 2120 | 723.00 | 2800 | 909.00 |      |         |

### SPB SECTION

| Size | Price  | Size | Price   | Size | Price   | Size | Price   | Size | Price   |
|------|--------|------|---------|------|---------|------|---------|------|---------|
| 1250 | 578.00 | 1900 | 833.00  | 2650 | 1213.00 | 4000 | 1856.00 | 5380 | 2486.00 |
| 1260 | 578.00 | 2000 | 879.00  | 2680 | 1233.00 | 4060 | 1887.00 | 5600 | 2587.00 |
| 1320 | 599.00 | 2020 | 926.00  | 2800 | 1289.00 | 4250 | 1980.00 | 5880 | 2729.00 |
| 1340 | 606.00 | 2120 | 962.00  | 2840 | 1301.00 | 4310 | 2008.00 | 6000 | 2776.00 |
| 1400 | 648.00 | 2150 | 989.00  | 3000 | 1379.00 | 4500 | 2097.00 | 6300 | 2912.00 |
| 1410 | 650.00 | 2240 | 1029.00 | 3150 | 1457.00 | 4560 | 2121.00 | 6340 | 2940.00 |
| 1500 | 676.00 | 2280 | 1046.00 | 3170 | 1469.00 | 4750 | 2204.00 | 6700 | 3101.00 |
| 1550 | 698.00 | 2360 | 1075.00 | 3350 | 1550.00 | 4820 | 2229.00 | 7100 | 3292.00 |
| 1600 | 708.00 | 2410 | 1108.00 | 3550 | 1688.00 | 5000 | 2317.00 | 7500 | 3606.00 |
| 1700 | 748.00 | 2500 | 1146.00 | 3750 | 1727.00 | 5070 | 2348.00 | 8000 | 3843.00 |
| 1800 | 791.00 | 2530 | 1165.00 | 3800 | 1757.00 | 5300 | 2451.00 | 9000 | 4323.00 |

# Euro Zeta

## V-BELTS

**PRICE LIST**  
W.E.F.: 1st MAY 2022

### WEDGE V-BELTS



| Section | Dimensions(mm) |           | Angle degree | Rec. min pulley dia. | Mfg. range (inches) | Belt length factor (mm) |          |          |
|---------|----------------|-----------|--------------|----------------------|---------------------|-------------------------|----------|----------|
|         | Top width      | Thickness |              |                      |                     | Lp to La                | Li to Lp | Li to La |
| SPC     | 22.0           | 18.0      | 40           | 224 dp (mm)          | 2000 to 12500       | 30.0                    | 83.0     | 113.0    |

### SPC SECTION

| Size | Price   | Size | Price   | Size | Price   | Size  | Price   | Size  | Price   |
|------|---------|------|---------|------|---------|-------|---------|-------|---------|
| 2000 | 1502.00 | 3150 | 2348.00 | 5000 | 3720.00 | 7500  | 5568.00 | 11800 | 8943.00 |
| 2120 | 1583.00 | 3350 | 2495.00 | 5300 | 3934.00 | 8000  | 5948.00 | 12500 | 9481.00 |
| 2240 | 1677.00 | 3550 | 2651.00 | 5480 | 4064.00 | 8500  | 6326.00 |       |         |
| 2360 | 1765.00 | 3750 | 2798.00 | 5600 | 4161.00 | 9000  | 6688.00 |       |         |
| 2500 | 1869.00 | 4000 | 2979.00 | 6000 | 4455.00 | 9500  | 7064.00 |       |         |
| 2650 | 1978.00 | 4250 | 3163.00 | 6300 | 4675.00 | 10000 | 7430.00 |       |         |
| 2800 | 2100.00 | 4500 | 3342.00 | 6700 | 4979.00 | 10600 | 7886.00 |       |         |
| 3000 | 2240.00 | 4750 | 3535.00 | 7100 | 5284.00 | 11200 | 8334.00 |       |         |

### NARROW SECTION



| Section | Dimensions(mm) |           | Angle degree | Rec. min pulley dia. | Mfg. range (inches) | Belt length factor |
|---------|----------------|-----------|--------------|----------------------|---------------------|--------------------|
|         | Top width      | Thickness |              |                      |                     | Li to La           |
| 3V      | 9.7            | 8.0       | 40           | 67 de (mm)           | 250 to 1600         | 50.0               |
| 5V      | 16.0           | 13.0      | 40           | 180 de (mm)          | 950 to 2500         | 82.0               |
| 8V      | 25.4           | 23.0      | 40           | 315 de (mm)          | 1120 to 7400        | 145.0              |

### 3V SECTION

| Size   | Price  | Size   | Price  | Size   | Price  | Size    | Price   | Size | Price |
|--------|--------|--------|--------|--------|--------|---------|---------|------|-------|
| 3V 470 | 332.00 | 3V 560 | 383.00 | 3V 750 | 485.00 | 3V 1000 | 640.00  |      |       |
| 3V 480 | 332.00 | 3V 630 | 433.00 | 3V 800 | 520.00 | 3V 1600 | 1020.00 |      |       |
| 3V 520 | 359.00 | 3V 650 | 438.00 | 3V 850 | 548.00 | 3V 1700 | 1090.00 |      |       |
| 3V 550 | 375.00 | 3V 710 | 465.00 | 3V 900 | 570.00 | 3V 1750 | 1130.00 |      |       |

### 5V SECTION

| Size    | Price   | Size    | Price   | Size    | Price   | Size    | Price   | Size    | Price   |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 5V 900  | 1180.00 | 5V 1180 | 1501.00 | 5V 1500 | 1923.00 | 5V 1900 | 2487.00 | 5V 2800 | 3575.00 |
| 5V 950  | 1202.00 | 5V 1250 | 1598.00 | 5V 1600 | 2068.00 | 5V 2000 | 2543.00 | 5V 3000 | 3830.00 |
| 5V 1000 | 1264.00 | 5V 1320 | 1689.00 | 5V 1700 | 2201.00 | 5V 2100 | 2702.00 | 5V 3500 | 4469.00 |
| 5V 1120 | 1426.00 | 5V 1400 | 1791.00 | 5V 1800 | 2325.00 | 5V 2500 | 3192.00 | 5V 3600 | 4596.00 |

### 8V SECTION

| Size    | Price   | Size    | Price   | Size    | Price    | Size    | Price    | Size    | Price    |
|---------|---------|---------|---------|---------|----------|---------|----------|---------|----------|
| 8V 1350 | 4850.00 | 8V 1800 | 6245.00 | 8V 2360 | 9600.00  | 8V 3750 | 13566.00 | 8V 5000 | 18076.00 |
| 8V 1400 | 5082.00 | 8V 1900 | 6594.00 | 8V 2500 | 10140.00 | 8V 4000 | 14467.00 | 8V 5600 | 20241.00 |
| 8V 1500 | 5448.00 | 8V 2000 | 6933.00 | 8V 3000 | 10859.00 | 8V 4250 | 15376.00 | 8V 6000 | 21687.00 |
| 8V 1600 | 5808.00 | 8V 2120 | 7353.00 | 8V 3150 | 10925.00 | 8V 4500 | 16276.00 | 8V 6500 | 23494.00 |
| 8V 1700 | 6165.00 | 8V 2240 | 7768.00 | 8V 3350 | 12112.00 | 8V 4750 | 17175.00 |         |          |

### CONICAL V-BELTS



| Type      | Belt Length (inch) |
|-----------|--------------------|
| C-CONICAL | 130 to 650         |

### C-CONICAL

| Size | Price   | Size | Price   | Size | Price    | Size | Price    | Size | Price    |
|------|---------|------|---------|------|----------|------|----------|------|----------|
| 130  | 4680.00 | 180  | 6480.00 | 250  | 9000.00  | 290  | 10440.00 | 500  | 18000.00 |
| 140  | 5040.00 | 190  | 6840.00 | 260  | 9360.00  | 300  | 10800.00 | 538  | 19368.00 |
| 150  | 5400.00 | 200  | 7200.00 | 275  | 9900.00  | 310  | 11160.00 | 598  | 21528.00 |
| 160  | 5760.00 | 210  | 7560.00 | 280  | 10080.00 | 358  | 12888.00 | 650  | 23400.00 |
| 170  | 6120.00 | 220  | 7920.00 | 285  | 10260.00 | 418  | 15048.00 |      |          |



# Euro Zeta

## V-BELTS

**PRICE LIST**  
W.E.F.: 1st MAY 2022

### BANDED BELTS - CLASSICAL



| Type | Band Size | Belt Length (inch) |
|------|-----------|--------------------|
| HB   | 2 to 34   | 70 - 200           |
| HC   | 2 to 28   | 70 - 360           |

### 2 HB BANDED - CLASSICAL

| Size   | Price   | Size   | Price   | Size    | Price   | Size    | Price   | Size    | Price   |
|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|
| 2HB 70 | 1833.00 | 2HB 82 | 2149.00 | 2HB 94  | 2759.00 | 2HB 108 | 3133.00 | 2HB 128 | 3723.00 |
| 2HB 71 | 1868.00 | 2HB 83 | 2184.00 | 2HB 95  | 2798.00 | 2HB 110 | 3272.00 | 2HB 130 | 3862.00 |
| 2HB 72 | 1878.00 | 2HB 84 | 2201.00 | 2HB 96  | 2806.00 | 2HB 112 | 3361.00 | 2HB 132 | 3912.00 |
| 2HB 73 | 1920.00 | 2HB 85 | 2229.00 | 2HB 97  | 2883.00 | 2HB 114 | 3415.00 | 2HB 134 | 3939.00 |
| 2HB 74 | 1937.00 | 2HB 86 | 2320.00 | 2HB 98  | 2894.00 | 2HB 116 | 3503.00 | 2HB 136 | 4118.00 |
| 2HB 75 | 1948.00 | 2HB 87 | 2370.00 | 2HB 99  | 2902.00 | 2HB 117 | 3534.00 | 2HB 138 | 4178.00 |
| 2HB 76 | 1958.00 | 2HB 88 | 2469.00 | 2HB 100 | 2921.00 | 2HB 118 | 3557.00 | 2HB 140 | 4559.00 |
| 2HB 77 | 1983.00 | 2HB 89 | 2478.00 | 2HB 102 | 2979.00 | 2HB 120 | 3627.00 | 2HB 150 | 4856.00 |
| 2HB 78 | 1993.00 | 2HB 90 | 2478.00 | 2HB 103 | 2998.00 | 2HB 122 | 3654.00 | 2HB 160 | 5126.00 |
| 2HB 79 | 2021.00 | 2HB 91 | 2667.00 | 2HB 104 | 3025.00 | 2HB 123 | 3657.00 | 2HB 170 | 5276.00 |
| 2HB 80 | 2046.00 | 2HB 92 | 2719.00 | 2HB 105 | 3075.00 | 2HB 124 | 3665.00 | 2HB 180 | 5839.00 |
| 2HB 81 | 2132.00 | 2HB 93 | 2732.00 | 2HB 106 | 3106.00 | 2HB 126 | 3711.00 | 2HB 200 | 6135.00 |

### 3 HB BANDED - CLASSICAL

| Size   | Price   | Size   | Price   | Size    | Price   | Size    | Price   | Size    | Price   |
|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|
| 3HB 70 | 2750.00 | 3HB 83 | 3276.00 | 3HB 96  | 4208.00 | 3HB 114 | 5122.00 | 3HB 134 | 5908.00 |
| 3HB 71 | 2802.00 | 3HB 84 | 3302.00 | 3HB 97  | 4324.00 | 3HB 115 | 5189.00 | 3HB 136 | 6177.00 |
| 3HB 72 | 2818.00 | 3HB 85 | 3344.00 | 3HB 98  | 4341.00 | 3HB 116 | 5255.00 | 3HB 138 | 6266.00 |
| 3HB 73 | 2880.00 | 3HB 86 | 3480.00 | 3HB 99  | 4353.00 | 3HB 117 | 5301.00 | 3HB 140 | 6839.00 |
| 3HB 74 | 2906.00 | 3HB 87 | 3555.00 | 3HB 100 | 4382.00 | 3HB 118 | 5336.00 | 3HB 150 | 7284.00 |
| 3HB 75 | 2922.00 | 3HB 88 | 3703.00 | 3HB 102 | 4469.00 | 3HB 120 | 5440.00 | 3HB 160 | 7689.00 |
| 3HB 76 | 2937.00 | 3HB 89 | 3717.00 | 3HB 103 | 4498.00 | 3HB 122 | 5480.00 | 3HB 170 | 7914.00 |
| 3HB 77 | 2974.00 | 3HB 90 | 3717.00 | 3HB 104 | 4538.00 | 3HB 123 | 5486.00 | 3HB 180 | 8758.00 |
| 3HB 78 | 2989.00 | 3HB 91 | 4000.00 | 3HB 105 | 4613.00 | 3HB 124 | 5498.00 | 3HB 190 | 8980.00 |
| 3HB 79 | 3031.00 | 3HB 92 | 4078.00 | 3HB 106 | 4659.00 | 3HB 126 | 5567.00 | 3HB 200 | 9203.00 |
| 3HB 80 | 3070.00 | 3HB 93 | 4099.00 | 3HB 108 | 4700.00 | 3HB 128 | 5584.00 |         |         |
| 3HB 81 | 3198.00 | 3HB 94 | 4139.00 | 3HB 110 | 4908.00 | 3HB 130 | 5792.00 |         |         |
| 3HB 82 | 3224.00 | 3HB 95 | 4197.00 | 3HB 112 | 5041.00 | 3HB 132 | 5868.00 |         |         |

### 3 HC BANDED - CLASSICAL

| Size   | Price   | Size   | Price   | Size    | Price   | Size    | Price    | Size    | Price    |
|--------|---------|--------|---------|---------|---------|---------|----------|---------|----------|
| 3HC 70 | 4151.00 | 3HC 83 | 4932.00 | 3HC 96  | 6323.00 | 3HC 114 | 7741.00  | 3HC 210 | 12602.00 |
| 3HC 71 | 4187.00 | 3HC 84 | 4984.00 | 3HC 97  | 6556.00 | 3HC 115 | 7746.00  | 3HC 220 | 13169.00 |
| 3HC 72 | 4229.00 | 3HC 85 | 5021.00 | 3HC 98  | 6752.00 | 3HC 116 | 7793.00  | 3HC 250 | 15025.00 |
| 3HC 73 | 4286.00 | 3HC 86 | 5093.00 | 3HC 99  | 6914.00 | 3HC 117 | 7810.00  | 3HC 260 | 15527.00 |
| 3HC 74 | 4328.00 | 3HC 87 | 5166.00 | 3HC 100 | 6960.00 | 3HC 118 | 7810.00  | 3HC 268 | 16048.00 |
| 3HC 75 | 4364.00 | 3HC 88 | 5286.00 | 3HC 102 | 7087.00 | 3HC 120 | 7822.00  | 3HC 280 | 16793.00 |
| 3HC 76 | 4422.00 | 3HC 89 | 5399.00 | 3HC 103 | 7168.00 | 3HC 130 | 8602.00  | 3HC 290 | 17447.00 |
| 3HC 77 | 4463.00 | 3HC 90 | 5583.00 | 3HC 104 | 7203.00 | 3HC 140 | 9284.00  | 3HC 300 | 18129.00 |
| 3HC 78 | 4526.00 | 3HC 91 | 5786.00 | 3HC 105 | 7290.00 | 3HC 150 | 9596.00  | 3HC 310 | 18771.00 |
| 3HC 79 | 4614.00 | 3HC 92 | 5908.00 | 3HC 106 | 7423.00 | 3HC 160 | 9874.00  | 3HC 328 | 20008.00 |
| 3HC 80 | 4677.00 | 3HC 93 | 6020.00 | 3HC 108 | 7509.00 | 3HC 170 | 10209.00 | 3HC 358 | 22509.00 |
| 3HC 81 | 4827.00 | 3HC 94 | 6162.00 | 3HC 110 | 7579.00 | 3HC 180 | 10799.00 | 3HC 360 | 22635.00 |
| 3HC 82 | 4869.00 | 3HC 95 | 6197.00 | 3HC 112 | 7585.00 | 3HC 190 | 11406.00 |         |          |

**'B' BANDED BELTS AVAILABLE UP TO 34 RIBS ON DEMAND SUBJECT TO MOQ**

# Euro Zeta

## V-BELTS

**PRICE LIST**  
W.E.F.: 1st MAY 2022

### BANDED BELTS - CLASSICAL



| Type | Band Size | Belt Length       |
|------|-----------|-------------------|
| HSPB | 2 to 40   | 2360 - 9000 (mm)  |
| HSPC | 2 to 28   | 2360 - 12500 (mm) |
| H5V  | 2 to 40   | 900 - 3600        |
| H8V  | 2 to 24   | 1350 - 6500       |

### 4 HC BANDED - CLASSICAL

| Size   | Price   | Size   | Price   | Size    | Price    | Size    | Price    | Size    | Price    |
|--------|---------|--------|---------|---------|----------|---------|----------|---------|----------|
| 4HC 70 | 6226.00 | 4HC 83 | 7398.00 | 4HC 96  | 9484.00  | 4HC 114 | 11611.00 | 4HC 210 | 18903.00 |
| 4HC 71 | 6281.00 | 4HC 84 | 7476.00 | 4HC 97  | 9833.00  | 4HC 115 | 11620.00 | 4HC 220 | 19753.00 |
| 4HC 72 | 6343.00 | 4HC 85 | 7531.00 | 4HC 98  | 10128.00 | 4HC 116 | 11689.00 | 4HC 250 | 22537.00 |
| 4HC 73 | 6429.00 | 4HC 86 | 7640.00 | 4HC 99  | 10371.00 | 4HC 117 | 11715.00 | 4HC 260 | 23291.00 |
| 4HC 74 | 6492.00 | 4HC 87 | 7750.00 | 4HC 100 | 10440.00 | 4HC 118 | 11715.00 | 4HC 268 | 24072.00 |
| 4HC 75 | 6546.00 | 4HC 88 | 7929.00 | 4HC 102 | 10631.00 | 4HC 120 | 11732.00 | 4HC 280 | 25190.00 |
| 4HC 76 | 6632.00 | 4HC 89 | 8099.00 | 4HC 103 | 10752.00 | 4HC 130 | 12903.00 | 4HC 290 | 26170.00 |
| 4HC 78 | 6789.00 | 4HC 91 | 8679.00 | 4HC 105 | 10935.00 | 4HC 150 | 14394.00 | 4HC 310 | 28156.00 |
| 4HC 80 | 7015.00 | 4HC 93 | 9031.00 | 4HC 108 | 11264.00 | 4HC 170 | 15314.00 | 4HC 358 | 33763.00 |
| 4HC 81 | 7241.00 | 4HC 94 | 9244.00 | 4HC 110 | 11368.00 | 4HC 180 | 16198.00 | 4HC 360 | 33952.00 |
| 4HC 82 | 7304.00 | 4HC 95 | 9296.00 | 4HC 112 | 11377.00 | 4HC 190 | 17109.00 |         |          |

### 3HSPB BANDED - WEDGE BELT

| Size | Price   | Size | Price   | Size | Price   | Size | Price   | Size | Price    |
|------|---------|------|---------|------|---------|------|---------|------|----------|
| 2360 | 3440.00 | 3000 | 4413.00 | 4060 | 6039.00 | 5070 | 7514.00 | 6700 | 9923.00  |
| 2410 | 3546.00 | 3150 | 4663.00 | 4250 | 6336.00 | 5300 | 7845.00 | 7100 | 10535.00 |
| 2500 | 3668.00 | 3170 | 4701.00 | 4310 | 6427.00 | 5380 | 7955.00 | 7500 | 11539.00 |
| 2530 | 3728.00 | 3350 | 4960.00 | 4500 | 6712.00 | 5600 | 8278.00 | 8000 | 12299.00 |
| 2650 | 3880.00 | 3550 | 5401.00 | 4560 | 6788.00 | 5880 | 8734.00 | 9000 | 13834.00 |
| 2680 | 3945.00 | 3750 | 5526.00 | 4750 | 7054.00 | 6000 | 8882.00 |      |          |
| 2800 | 4124.00 | 3800 | 5621.00 | 4820 | 7134.00 | 6300 | 9319.00 |      |          |
| 2840 | 4162.00 | 4000 | 5940.00 | 5000 | 7415.00 | 6340 | 9407.00 |      |          |

### 3HSPC BANDED - WEDGE BELT

| Size | Price    | Size | Price    | Size | Price    | Size  | Price    | Size  | Price    |
|------|----------|------|----------|------|----------|-------|----------|-------|----------|
| 2360 | 8472.00  | 3550 | 12725.00 | 5300 | 18882.00 | 7500  | 26726.00 | 11200 | 40004.00 |
| 2500 | 8973.00  | 3750 | 13431.00 | 5480 | 19509.00 | 8000  | 28550.00 | 11800 | 42924.00 |
| 2650 | 9492.00  | 4000 | 14298.00 | 5600 | 19970.00 | 8500  | 30363.00 | 12500 | 45508.00 |
| 2800 | 10079.00 | 4250 | 15182.00 | 6000 | 21384.00 | 9000  | 32102.00 |       |          |
| 3000 | 10752.00 | 4500 | 16043.00 | 6300 | 22439.00 | 9500  | 33909.00 |       |          |
| 3150 | 11271.00 | 4750 | 16966.00 | 6700 | 23898.00 | 10000 | 35665.00 |       |          |
| 3350 | 11978.00 | 5000 | 17855.00 | 7100 | 25364.00 | 10600 | 37854.00 |       |          |

### 3H5V BANDED - NARROW BELT

| Size | Price   | Size | Price   | Size | Price    | Size | Price    | Size | Price    |
|------|---------|------|---------|------|----------|------|----------|------|----------|
| 900  | 5664.00 | 1180 | 7203.00 | 1500 | 9229.00  | 1900 | 11938.00 | 2800 | 17160.00 |
| 950  | 5770.00 | 1250 | 7671.00 | 1600 | 9926.00  | 2000 | 12206.00 | 3000 | 18386.00 |
| 1000 | 6067.00 | 1320 | 8109.00 | 1700 | 10567.00 | 2100 | 12968.00 | 3500 | 21450.00 |
| 1120 | 6843.00 | 1400 | 8598.00 | 1800 | 11161.00 | 2500 | 15322.00 | 3600 | 22063.00 |

### 5H8V BANDED - NARROW BELT

| Size | Price    | Size | Price    | Size | Price    | Size | Price     | Size | Price     |
|------|----------|------|----------|------|----------|------|-----------|------|-----------|
| 1350 | 38800.00 | 1800 | 49956.00 | 2360 | 76803.00 | 3750 | 108531.00 | 5000 | 144608.00 |
| 1500 | 43583.00 | 2000 | 55460.00 | 3000 | 86873.00 | 4250 | 123008.00 | 6000 | 173496.00 |
| 1600 | 46460.00 | 2120 | 58824.00 | 3150 | 87397.00 | 4500 | 130208.00 | 6500 | 187954.00 |
| 1700 | 49320.00 | 2240 | 62146.00 | 3350 | 96899.00 | 4750 | 137400.00 |      |           |

# Euro Zeta

## V-BELTS

PRICE LIST  
W.E.F.: 1st MAY 2022

### RAW EDGE COGGED BELTS



| Section | Dimensions(mm) |           | Angle degree | Rec. min pulley dia. | Mfg. range (inches) | Belt length factor (mm) |          |          |
|---------|----------------|-----------|--------------|----------------------|---------------------|-------------------------|----------|----------|
|         | Top width      | Thickness |              |                      |                     | Lp to La                | Li to Lp | Li to La |
| AX      | 13.0           | 8.0       | 36           | 63 dp (mm)           | 26 to 140           | 14.0                    | 36.0     | 50.0     |
| BX      | 17.0           | 11.0      | 36           | 90 dp (mm)           | 28 to 140           | 26.0                    | 43.0     | 69.0     |
| CX      | 22.0           | 14.0      | 36           | 140 dp (mm)          | 40 to 140           | 32.0                    | 56.0     | 88.0     |

### AX SECTION

| Size  | Price  | Size  | Price  | Size  | Price  | Size  | Price  | Size   | Price   |
|-------|--------|-------|--------|-------|--------|-------|--------|--------|---------|
| AX 26 | 294.00 | AX 39 | 382.00 | AX 55 | 460.00 | AX 69 | 514.00 | AX 82  | 604.00  |
| AX 27 | 296.00 | AX 40 | 384.00 | AX 56 | 464.00 | AX 70 | 523.00 | AX 83  | 609.00  |
| AX 28 | 297.00 | AX 41 | 387.00 | AX 57 | 466.00 | AX 71 | 524.00 | AX 84  | 615.00  |
| AX 29 | 299.00 | AX 42 | 388.00 | AX 58 | 468.00 | AX 72 | 542.00 | AX 95  | 706.00  |
| AX 30 | 308.00 | AX 43 | 391.00 | AX 59 | 469.00 | AX 73 | 549.00 | AX 96  | 708.00  |
| AX 31 | 319.00 | AX 44 | 400.00 | AX 60 | 489.00 | AX 74 | 551.00 | AX 98  | 717.00  |
| AX 32 | 327.00 | AX 45 | 410.00 | AX 62 | 496.00 | AX 75 | 556.00 | AX 100 | 732.00  |
| AX 33 | 344.00 | AX 48 | 433.00 | AX 63 | 498.00 | AX 76 | 568.00 | AX 108 | 800.00  |
| AX 34 | 350.00 | AX 49 | 444.00 | AX 64 | 501.00 | AX 77 | 572.00 | AX 130 | 952.00  |
| AX 35 | 364.00 | AX 50 | 445.00 | AX 65 | 505.00 | AX 78 | 579.00 | AX 140 | 1033.00 |
| AX 36 | 368.00 | AX 52 | 451.00 | AX 66 | 506.00 | AX 79 | 583.00 |        |         |
| AX 37 | 373.00 | AX 53 | 453.00 | AX 67 | 507.00 | AX 80 | 587.00 |        |         |
| AX 38 | 374.00 | AX 54 | 458.00 | AX 68 | 511.00 | AX 81 | 598.00 |        |         |

### BX SECTION

| Size  | Price  | Size  | Price  | Size  | Price  | Size  | Price  | Size   | Price   |
|-------|--------|-------|--------|-------|--------|-------|--------|--------|---------|
| BX 28 | 408.00 | BX 43 | 511.00 | BX 58 | 668.00 | BX 73 | 790.00 | BX 88  | 954.00  |
| BX 29 | 410.00 | BX 44 | 513.00 | BX 59 | 680.00 | BX 74 | 800.00 | BX 90  | 997.00  |
| BX 30 | 422.00 | BX 45 | 524.00 | BX 60 | 682.00 | BX 75 | 812.00 | BX 95  | 1072.00 |
| BX 31 | 433.00 | BX 46 | 569.00 | BX 61 | 685.00 | BX 76 | 821.00 | BX 100 | 1184.00 |
| BX 32 | 438.00 | BX 47 | 577.00 | BX 62 | 697.00 | BX 77 | 832.00 | BX 105 | 1201.00 |
| BX 33 | 442.00 | BX 48 | 587.00 | BX 63 | 706.00 | BX 78 | 840.00 | BX 110 | 1242.00 |
| BX 34 | 445.00 | BX 49 | 596.00 | BX 64 | 708.00 | BX 79 | 849.00 | BX 115 | 1319.00 |
| BX 35 | 446.00 | BX 50 | 604.00 | BX 65 | 711.00 | BX 80 | 855.00 | BX 120 | 1364.00 |
| BX 36 | 451.00 | BX 51 | 615.00 | BX 66 | 732.00 | BX 81 | 858.00 | BX 125 | 1434.00 |
| BX 37 | 454.00 | BX 52 | 625.00 | BX 67 | 738.00 | BX 82 | 872.00 | BX 132 | 1520.00 |
| BX 38 | 460.00 | BX 53 | 625.00 | BX 68 | 752.00 | BX 83 | 887.00 | BX 140 | 1621.00 |
| BX 39 | 465.00 | BX 54 | 647.00 | BX 69 | 754.00 | BX 84 | 894.00 |        |         |
| BX 40 | 478.00 | BX 55 | 655.00 | BX 70 | 756.00 | BX 85 | 910.00 |        |         |
| BX 41 | 490.00 | BX 56 | 659.00 | BX 71 | 773.00 | BX 86 | 927.00 |        |         |
| BX 42 | 501.00 | BX 57 | 663.00 | BX 72 | 786.00 | BX 87 | 937.00 |        |         |

### CX SECTION

| Size  | Price  | Size  | Price   | Size  | Price   | Size   | Price   | Size   | Price   |
|-------|--------|-------|---------|-------|---------|--------|---------|--------|---------|
| CX 40 | 771.00 | CX 53 | 1002.00 | CX 66 | 1234.00 | CX 79  | 1477.00 | CX 105 | 1930.00 |
| CX 41 | 774.00 | CX 54 | 1025.00 | CX 67 | 1252.00 | CX 80  | 1497.00 | CX 109 | 1987.00 |
| CX 42 | 781.00 | CX 55 | 1041.00 | CX 68 | 1271.00 | CX 81  | 1517.00 | CX 118 | 2109.00 |
| CX 43 | 828.00 | CX 56 | 1058.00 | CX 69 | 1290.00 | CX 82  | 1536.00 | CX 120 | 2139.00 |
| CX 44 | 850.00 | CX 57 | 1073.00 | CX 70 | 1309.00 | CX 83  | 1545.00 | CX 125 | 2226.00 |
| CX 45 | 854.00 | CX 58 | 1096.00 | CX 71 | 1329.00 | CX 84  | 1573.00 | CX 130 | 2310.00 |
| CX 46 | 875.00 | CX 59 | 1119.00 | CX 72 | 1346.00 | CX 85  | 1594.00 | CX 135 | 2374.00 |
| CX 47 | 899.00 | CX 60 | 1122.00 | CX 73 | 1365.00 | CX 86  | 1755.00 | CX 140 | 2452.00 |
| CX 48 | 906.00 | CX 61 | 1148.00 | CX 74 | 1384.00 | CX 87  | 1773.00 |        |         |
| CX 49 | 925.00 | CX 62 | 1163.00 | CX 75 | 1404.00 | CX 88  | 1785.00 |        |         |
| CX 50 | 944.00 | CX 63 | 1177.00 | CX 76 | 1423.00 | CX 89  | 1803.00 |        |         |
| CX 51 | 967.00 | CX 64 | 1193.00 | CX 77 | 1444.00 | CX 90  | 1805.00 |        |         |
| CX 52 | 983.00 | CX 65 | 1214.00 | CX 78 | 1461.00 | CX 100 | 1874.00 |        |         |



# Euro Zeta

## V-BELTS

**PRICE LIST**  
W.E.F.: 1st MAY 2022

### RAW EDGE COGGED WEDGE BELTS



| Section | Dimensions(mm) |      | Angle degree | Rec. min pulley dia. | Mfg. range (inches) | Belt length factor (mm) |      |       |
|---------|----------------|------|--------------|----------------------|---------------------|-------------------------|------|-------|
|         |                |      |              |                      |                     |                         |      |       |
| SPZX    | 10.0           | 8.0  | 36           | 56 dp (mm)           | 600 to 3500         | 13.0                    | 37.0 | 50.0  |
| SPAX    | 13.0           | 10.0 | 36           | 71 dp (mm)           | 640 to 3500         | 18.0                    | 45.0 | 63.0  |
| SPBX    | 16.0           | 13.0 | 36           | 112 dp (mm)          | 1120 to 3500        | 28.0                    | 60.0 | 88.0  |
| SPCX    | 22.0           | 18.0 | 36           | 180 dp (mm)          | 2240 to 3500        | 30.0                    | 83.0 | 113.0 |

#### SPZX SECTION

| Size      | Price  | Size      | Price  | Size      | Price  | Size      | Price  | Size      | Price   |
|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|---------|
| SPZX 600  | 208.00 | SPZX 1030 | 317.00 | SPZX 1200 | 384.00 | SPZX 1487 | 476.00 | SPZX 1920 | 611.00  |
| SPZX 630  | 208.00 | SPZX 1037 | 326.00 | SPZX 1212 | 384.00 | SPZX 1500 | 478.00 | SPZX 1937 | 613.00  |
| SPZX 710  | 234.00 | SPZX 1040 | 329.00 | SPZX 1230 | 391.00 | SPZX 1520 | 483.00 | SPZX 1950 | 623.00  |
| SPZX 740  | 248.00 | SPZX 1050 | 331.00 | SPZX 1237 | 391.00 | SPZX 1537 | 484.00 | SPZX 2000 | 635.00  |
| SPZX 760  | 249.00 | SPZX 1075 | 335.00 | SPZX 1270 | 401.00 | SPZX 1550 | 490.00 | SPZX 2050 | 644.00  |
| SPZX 787  | 252.00 | SPZX 1080 | 340.00 | SPZX 1280 | 402.00 | SPZX 1560 | 500.00 | SPZX 2120 | 664.00  |
| SPZX 800  | 256.00 | SPZX 1087 | 344.00 | SPZX 1287 | 405.00 | SPZX 1587 | 504.00 | SPZX 2160 | 677.00  |
| SPZX 820  | 259.00 | SPZX 1090 | 345.00 | SPZX 1300 | 410.00 | SPZX 1600 | 509.00 | SPZX 2240 | 679.00  |
| SPZX 850  | 271.00 | SPZX 1100 | 347.00 | SPZX 1320 | 414.00 | SPZX 1612 | 519.00 | SPZX 2500 | 833.00  |
| SPZX 875  | 276.00 | SPZX 1112 | 351.00 | SPZX 1340 | 423.00 | SPZX 1650 | 523.00 | SPZX 3000 | 1021.00 |
| SPZX 950  | 301.00 | SPZX 1160 | 369.00 | SPZX 1420 | 448.00 | SPZX 1737 | 549.00 | SPZX 3150 | 1069.00 |
| SPZX 990  | 313.00 | SPZX 1175 | 370.00 | SPZX 1450 | 460.00 | SPZX 1750 | 569.00 | SPZX 3180 | 1078.00 |
| SPZX 1000 | 316.00 | SPZX 1180 | 372.00 | SPZX 1470 | 466.00 | SPZX 1800 | 581.00 | SPZX 3350 | 1150.00 |
| SPZX 1020 | 316.00 | SPZX 1187 | 374.00 | SPZX 1480 | 468.00 | SPZX 1850 | 597.00 | SPZX 3750 | 1289.00 |

#### SPAX SECTION

| Size      | Price  | Size      | Price  | Size      | Price  | Size      | Price  | Size      | Price   |
|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|---------|
| SPAX 640  | 276.00 | SPAX 1132 | 481.00 | SPAX 1350 | 576.00 | SPAX 1600 | 680.00 | SPAX 2082 | 888.00  |
| SPAX 800  | 345.00 | SPAX 1140 | 482.00 | SPAX 1357 | 578.00 | SPAX 1630 | 690.00 | SPAX 2120 | 905.00  |
| SPAX 850  | 366.00 | SPAX 1157 | 494.00 | SPAX 1380 | 591.00 | SPAX 1650 | 702.00 | SPAX 2280 | 970.00  |
| SPAX 900  | 387.00 | SPAX 1162 | 496.00 | SPAX 1400 | 596.00 | SPAX 1660 | 706.00 | SPAX 2360 | 1143.00 |
| SPAX 950  | 410.00 | SPAX 1210 | 515.00 | SPAX 1432 | 611.00 | SPAX 1720 | 729.00 | SPAX 2500 | 1211.00 |
| SPAX 1000 | 426.00 | SPAX 1232 | 523.00 | SPAX 1440 | 613.00 | SPAX 1750 | 746.00 | SPAX 2580 | 1245.00 |
| SPAX 1030 | 441.00 | SPAX 1257 | 533.00 | SPAX 1457 | 620.00 | SPAX 1760 | 749.00 | SPAX 2720 | 1314.00 |
| SPAX 1040 | 443.00 | SPAX 1260 | 535.00 | SPAX 1460 | 623.00 | SPAX 1780 | 756.00 | SPAX 2800 | 1338.00 |
| SPAX 1060 | 451.00 | SPAX 1280 | 544.00 | SPAX 1500 | 636.00 | SPAX 1820 | 775.00 | SPAX 3000 | 1456.00 |
| SPAX 1065 | 453.00 | SPAX 1282 | 544.00 | SPAX 1520 | 646.00 | SPAX 1850 | 786.00 | SPAX 3150 | 1526.00 |
| SPAX 1080 | 461.00 | SPAX 1287 | 545.00 | SPAX 1532 | 653.00 | SPAX 1900 | 806.00 | SPAX 3350 | 1624.00 |
| SPAX 1090 | 466.00 | SPAX 1307 | 559.00 | SPAX 1557 | 665.00 | SPAX 1950 | 828.00 | SPAX 3750 | 1813.00 |
| SPAX 1100 | 468.00 | SPAX 1310 | 561.00 | SPAX 1560 | 665.00 | SPAX 2000 | 850.00 |           |         |
| SPAX 1110 | 475.00 | SPAX 1332 | 569.00 | SPAX 1582 | 675.00 | SPAX 2060 | 876.00 |           |         |
| SPAX 1120 | 477.00 | SPAX 1345 | 574.00 | SPAX 1587 | 677.00 | SPAX 2080 | 888.00 |           |         |

#### SPBX SECTION

| Size      | Price  | Size      | Price   | Size      | Price   | Size      | Price   | Size      | Price   |
|-----------|--------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| SPBX 1120 | 709.00 | SPBX 1600 | 1017.00 | SPBX 2120 | 1351.00 | SPBX 2540 | 1795.00 | SPBX 2900 | 2052.00 |
| SPBX 1180 | 750.00 | SPBX 1650 | 1045.00 | SPBX 2150 | 1363.00 | SPBX 2580 | 1832.00 | SPBX 3000 | 2122.00 |
| SPBX 1260 | 798.00 | SPBX 1700 | 1079.00 | SPBX 2200 | 1394.00 | SPBX 2600 | 1846.00 | SPBX 3150 | 2227.00 |
| SPBX 1300 | 823.00 | SPBX 1800 | 1142.00 | SPBX 2240 | 1480.00 | SPBX 2650 | 1881.00 | SPBX 3170 | 2240.00 |
| SPBX 1320 | 839.00 | SPBX 1900 | 1201.00 | SPBX 2280 | 1622.00 | SPBX 2680 | 1897.00 | SPBX 3350 | 2369.00 |
| SPBX 1360 | 858.00 | SPBX 2000 | 1265.00 | SPBX 2360 | 1678.00 | SPBX 2750 | 1946.00 | SPBX 3550 | 2498.00 |
| SPBX 1400 | 891.00 | SPBX 2020 | 1281.00 | SPBX 2410 | 1717.00 | SPBX 2780 | 1965.00 | SPBX 3650 | 2580.00 |
| SPBX 1500 | 951.00 | SPBX 2040 | 1292.00 | SPBX 2500 | 1783.00 | SPBX 2800 | 1982.00 | SPBX 3750 | 2638.00 |
| SPBX 1510 | 959.00 | SPBX 2098 | 1328.00 | SPBX 2520 | 1783.00 | SPBX 2840 | 2010.00 |           |         |
| SPBX 1550 | 982.00 | SPBX 2100 | 1330.00 | SPBX 2530 | 1795.00 | SPBX 2860 | 2024.00 |           |         |

#### SPCX SECTION

| Size      | Price   | Size      | Price   | Size      | Price   | Size      | Price   | Size      | Price   |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| SPCX 2240 | 2461.00 | SPCX 2500 | 2734.00 | SPCX 3000 | 3270.00 | SPCX 3350 | 3647.00 | SPCX 3550 | 3871.00 |
| SPCX 2280 | 2498.00 | SPCX 2650 | 2899.00 | SPCX 3150 | 3430.00 | SPCX 3400 | 3694.00 | SPCX 3650 | 3965.00 |
| SPCX 2360 | 2582.00 | SPCX 2800 | 3061.00 | SPCX 3250 | 3565.00 | SPCX 3500 | 3785.00 | SPCX 3750 | 4084.00 |

# Euro Zeta

## V-BELTS

**PRICE LIST**  
W.E.F.: 1st MAY 2022

### BANDED BELTS - RAW EDGE



| Section | Dimensions(mm) |      | Angle degree | Rec. min pulley dia. | Mfg. range (inches) | Belt length factor (mm) |    |    |
|---------|----------------|------|--------------|----------------------|---------------------|-------------------------|----|----|
|         |                |      |              |                      |                     |                         |    |    |
| 3VX     | 9.7            | 8    | 38           | 56                   | 400 to 1420         | 13                      | 37 | 50 |
| 5VX     | 15.8           | 13.5 | 38           | 112                  | 500 to 1420         | 25                      | 60 | 85 |

### 3VX BANDED - RAW EDGE COGGED

| Size    | Price  | Size    | Price  | Size    | Price  | Size     | Price   | Size     | Price   |
|---------|--------|---------|--------|---------|--------|----------|---------|----------|---------|
| 3VX 400 | 401.00 | 3VX 530 | 488.00 | 3VX 630 | 551.00 | 3VX 800  | 726.00  | 3VX 1250 | 1156.00 |
| 3VX 450 | 423.00 | 3VX 560 | 515.00 | 3VX 670 | 607.00 | 3VX 1000 | 908.00  | 3VX 1320 | 1220.00 |
| 3VX 500 | 468.00 | 3VX 600 | 525.00 | 3VX 750 | 667.00 | 3VX 1180 | 1091.00 | 3VX 1400 | 1295.00 |

### 5VX BANDED - RAW EDGE COGGED

| Size    | Price   | Size    | Price   | Size     | Price   | Size     | Price   | Size     | Price   |
|---------|---------|---------|---------|----------|---------|----------|---------|----------|---------|
| 5VX 500 | 823.00  | 5VX 710 | 1180.00 | 5VX 900  | 1660.00 | 5VX 1120 | 2065.00 | 5VX 1400 | 2560.00 |
| 5VX 530 | 850.00  | 5VX 750 | 1270.00 | 5VX 950  | 1780.00 | 5VX 1180 | 2200.00 | 5VX 1420 | 2625.00 |
| 5VX 600 | 982.00  | 5VX 800 | 1330.00 | 5VX 1000 | 1865.00 | 5VX 1250 | 2310.00 |          |         |
| 5VX 630 | 1040.00 | 5VX 850 | 1420.00 | 5VX 1060 | 1940.00 | 5VX 1320 | 2425.00 |          |         |

| Type        | Band Size        | Belt Length (inch) |
|-------------|------------------|--------------------|
| <b>RAX</b>  | <b>2,3</b>       | <b>30-140</b>      |
| <b>RBX</b>  | <b>2,3</b>       | <b>30-140</b>      |
| <b>R3VX</b> | <b>2,3,4,6,8</b> | <b>400-1420</b>    |
| <b>R5VX</b> | <b>2,4</b>       | <b>500-1420</b>    |

### 3 RAX BANDED - RAW EDGE COGGED

| Size    | Price   | Size    | Price   | Size    | Price   | Size    | Price   | Size     | Price   |
|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|
| 3RAX 30 | 1479.00 | 3RAX 42 | 1864.00 | 3RAX 57 | 2238.00 | 3RAX 70 | 2509.00 | 3RAX 82  | 2900.00 |
| 3RAX 32 | 1571.00 | 3RAX 44 | 1922.00 | 3RAX 59 | 2250.00 | 3RAX 72 | 2601.00 | 3RAX 84  | 2952.00 |
| 3RAX 33 | 1651.00 | 3RAX 45 | 1968.00 | 3RAX 60 | 2348.00 | 3RAX 73 | 2635.00 | 3RAX 95  | 3389.00 |
| 3RAX 37 | 1790.00 | 3RAX 52 | 2164.00 | 3RAX 65 | 2423.00 | 3RAX 77 | 2745.00 | 3RAX 108 | 3838.00 |
| 3RAX 38 | 1795.00 | 3RAX 53 | 2175.00 | 3RAX 66 | 2428.00 | 3RAX 78 | 2779.00 | 3RAX 130 | 4569.00 |
| 3RAX 39 | 1836.00 | 3RAX 54 | 2198.00 | 3RAX 67 | 2434.00 | 3RAX 79 | 2797.00 | 3RAX 140 | 4960.00 |
| 3RAX 40 | 1841.00 | 3RAX 55 | 2210.00 | 3RAX 68 | 2451.00 | 3RAX 80 | 2820.00 |          |         |

### 3 RBX BANDED - RAW EDGE COGGED

| Size    | Price   | Size    | Price   | Size    | Price   | Size    | Price   | Size     | Price   |
|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|
| 3RBX 32 | 2100.00 | 3RBX 45 | 2515.00 | 3RBX 58 | 3205.00 | 3RBX 71 | 3711.00 | 3RBX 85  | 4367.00 |
| 3RBX 36 | 2164.00 | 3RBX 49 | 2860.00 | 3RBX 62 | 3343.00 | 3RBX 75 | 3896.00 | 3RBX 95  | 5144.00 |
| 3RBX 38 | 2210.00 | 3RBX 51 | 2952.00 | 3RBX 64 | 3401.00 | 3RBX 78 | 4034.00 | 3RBX 105 | 5766.00 |
| 3RBX 39 | 2233.00 | 3RBX 52 | 2998.00 | 3RBX 65 | 3412.00 | 3RBX 79 | 4074.00 | 3RBX 110 | 5961.00 |
| 3RBX 40 | 2296.00 | 3RBX 53 | 2998.00 | 3RBX 66 | 3516.00 | 3RBX 80 | 4103.00 | 3RBX 115 | 6330.00 |
| 3RBX 44 | 2463.00 | 3RBX 57 | 3182.00 | 3RBX 70 | 3631.00 | 3RBX 84 | 4293.00 | 3RBX 140 | 7779.00 |

### 6R3VX BANDED - RAW EDGE COGGED

| Size | Price   | Size | Price   | Size | Price   | Size | Price    | Size | Price    |
|------|---------|------|---------|------|---------|------|----------|------|----------|
| 400  | 3850.00 | 530  | 4685.00 | 630  | 5290.00 | 800  | 5683.00  | 1250 | 11098.00 |
| 450  | 4061.00 | 560  | 4944.00 | 670  | 5827.00 | 1000 | 8717.00  | 1320 | 11712.00 |
| 500  | 4493.00 | 600  | 5040.00 | 750  | 6403.00 | 1180 | 10474.00 | 1400 | 12432.00 |

### 8R3VX BANDED - RAW EDGE COGGED

| Size | Price   | Size | Price   | Size | Price   | Size | Price    | Size | Price    |
|------|---------|------|---------|------|---------|------|----------|------|----------|
| 400  | 5133.00 | 530  | 6246.00 | 630  | 7053.00 | 800  | 9578.00  | 1250 | 14797.00 |
| 450  | 5414.00 | 560  | 6592.00 | 670  | 7770.00 | 1000 | 11622.00 | 1320 | 15616.00 |
| 500  | 5990.00 | 600  | 6720.00 | 750  | 8538.00 | 1180 | 13965.00 | 1400 | 16576.00 |

### 4R5VX BANDED - RAW EDGE COGGED

| Size | Price   | Size | Price   | Size | Price    | Size | Price    | Size | Price    |
|------|---------|------|---------|------|----------|------|----------|------|----------|
| 500  | 5268.00 | 710  | 7552.00 | 900  | 10624.00 | 1120 | 13216.00 | 1400 | 16384.00 |
| 530  | 5440.00 | 750  | 8128.00 | 950  | 11392.00 | 1180 | 14080.00 | 1420 | 16800.00 |
| 600  | 6284.00 | 800  | 8512.00 | 1000 | 11936.00 | 1250 | 14784.00 |      |          |
| 630  | 6656.00 | 850  | 9088.00 | 1060 | 12416.00 | 1320 | 15520.00 |      |          |

Terms & Conditions :-

1. Prices are Exclusive of GST.
2. Prices & Terms are subject to change without prior notice.
3. All disputes are subject to Delhi Jurisdiction.
4. This price list supersedes all previous price lists.





## COMPANY PROFILE

1972

Late Sh. D. S. Khanna Founder of Hilton Rubbers Ltd. (HRL) set up a plant for the manufacturing of Rubber Transmission Belts at Rai, Sonipat in Haryana.

1973

HRL also started manufacturing Rubber Conveyor Belts upto a width of 1000 mm.

1974

They further started manufacturing Industrial V-Belts and Automotive Fan Belts (Wrapped Type).

1983

They set up another plant at Badhkhalsa, Sonapat for manufacturing of Conveyor Belts in width above 1000 mm and 1500 mm.

1985

They obtained know how for both Raw Edge and wrapped V-Belts reputed manufacturer of Industrial V- Belts & Automotive Fan Belts in West Germany.

1986

They started manufacturing (raw edge type) V-Belts at Badhkhalsa.

1987

They also started manufacturing (wrapped) V-Belts at Badhkhalsa.

1990/93

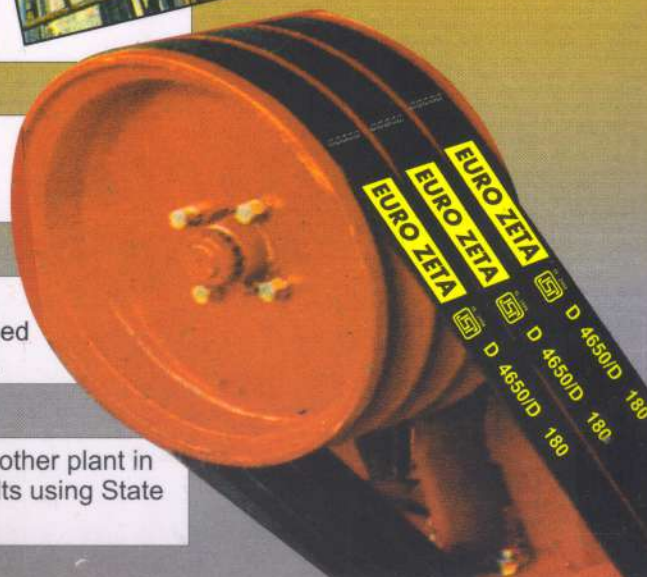
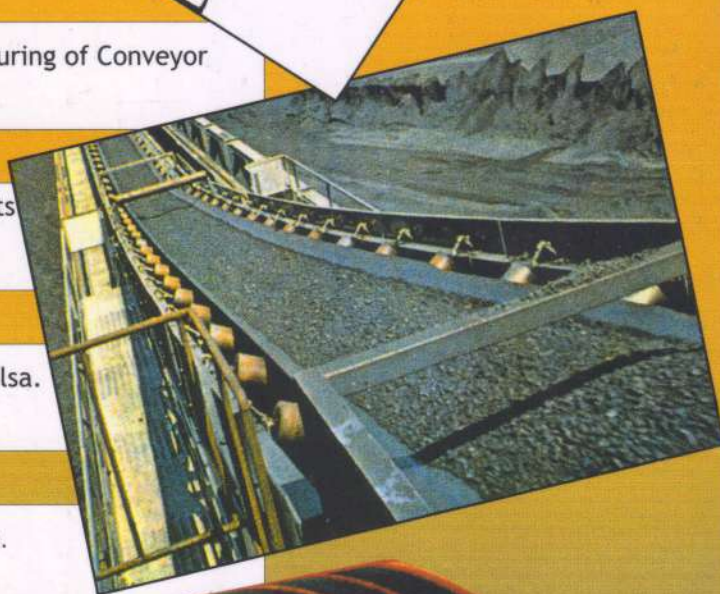
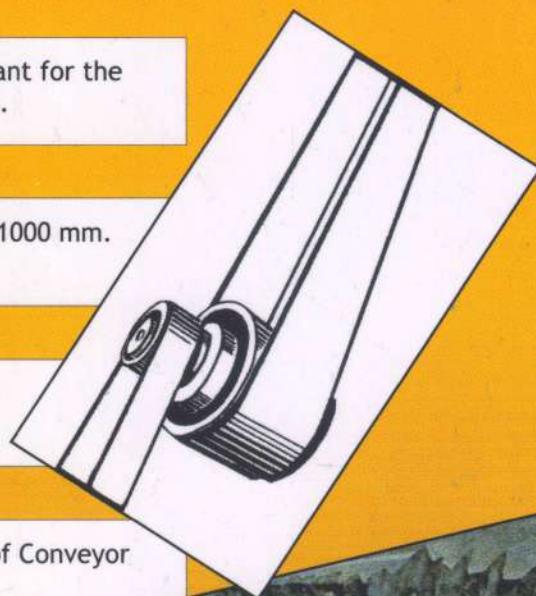
They started manufacturing of Rubber Conveyor Belts in width above 1500 mm and upto 2400 mm at Badhkhalsa.

1994

In Restructuring of Hilton Group of Companies, V-Belt Plant at Rai was made an independent unit manufacturing V-Belts with know how obtained from the world wide reputed manufactures of V-Belts in West Germany.

2010

A New Brand Euro Zeta was introduced & In 2012 Company started another plant in village Sanpera, Ganaur, Sonipat. A new and improved quality of V-Belts using State of Art Technology was introduced.







## BELT CONSTRUCTION

In a V-Belt, tension member is the main load bearing component for power transmission. In **EURO ZETA** V-Belts Dipped polyester Cord as a tension member is used. Polyester Cord with suitable yarn construction for desired strength and yarn choice for its high initial modulus, maintains low stretch through out the life of the belt. Specially treated adhesive activated Polyester Yarn is used for good static and dynamic adhesion.

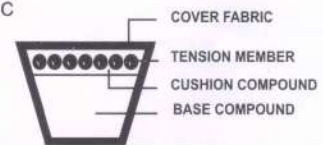
The Cushion Rubber which encapsulates the cords, prevents chafing of adjacent cords and meets the stringent requirements of dynamic adhesion, resistance to ageing and structural integrity.

The Base (compression) Rubber Compound has been designed to undergo negligible permanent deformation under load and provides besides sufficient rigidity, good dynamic properties and heat resistance. It has lower heat build up and excellent resistance to flex cracking. Its transverse rigidity provides good support to the cords and maintains dimensional stability of the V-Belts under tension.

Filter (Tension Layer) Rubber Compound has stiffness and excellent flex/ fatigue resistance. It keeps the tension member near to the neutral axis of the V-Belt and counteracts the centrifugal forces at high belt speed and thus vibrations in the belt are minimised.

A special cover fabric which has high coefficient of friction and high wear-resistance against pulleys is used. Such designed cover fabric with high tensile strength and elongation, wrapped around the belt at a bias angle, adds to both stiffness and flexibility to the belt and ensures dimensional stability.

The Polychloroprene Rubber Compound which is used for impregnation of the cover fabric has a good resistance to abrasion, heat, oil, ozone and weather ageing. This rubber compound has been designed for high electrical conductivity and thus all **EURO ZETA** V-Belts are heat and oil resistant and are antistatic.



The completely homogeneous bond with Polyester Cord, Base Rubber (Compression Rubber), Filter (Tension Layer) Rubber and Jacket fabric is ensured so that V-Belt which is a composite of many constituents works as one component.

The decisive factor in the quality of **EURO ZETA** V-Belt is the optimum combination of production engineering and high grade materials, especially of the tension member and the rubber compounds. The manufacturing process has been optimized and is accurately controlled from beginning to the final process.

**EURO ZETA** V-Belts are manufactured in a modern plant with the strictest quality controls.

Every raw material is tested before being allowed to be used. Similarly every semi-processed materials is tested before being allowed to be used for the subsequent process.

Each V- Belt before being offered to the market is subjected to inspection.

A regular interaction with the actual users and by keeping abreast with the latest technological developments, has helped us in constantly improving our product quality.

We have been granted BIS certificate Marks Licence for the use of the Bureau Mark in respect of the **EURO ZETA** V-Belts manufactured by us.

Be it a Spinning Mill, Weaving Mill, Rice Mill, Harvest Combine or other agriculture users, Engineering units Manufacturing Cycles, Automotives, Core Sector Industries viz Steel, Coal, Power, Fertilizer etc.

**EURO ZETA** V-Belts are providing trouble free service.



# PRODUCT RANGE - WRAPPED BELTS

Table - 1

| Section                                                                                                                      | Width        |   | Thickness |          | BELT SIZE RANGE | Belt Length                |           | Lp-Li | La-Li | La-Lp | Do-Dp | Minimum Pulley Pitch Diameter, Dp mm. |
|------------------------------------------------------------------------------------------------------------------------------|--------------|---|-----------|----------|-----------------|----------------------------|-----------|-------|-------|-------|-------|---------------------------------------|
|                                                                                                                              | mm           |   | mm        |          |                 | mm                         | inch      |       |       |       |       |                                       |
| CLASSICAL BELTS                                                                                                              |              |   |           |          |                 |                            |           |       |       |       |       |                                       |
| A                                                                                                                            | 13           | x | 8         | Li       | 15 - 162        | 381 - 4115                 | 15 - 162  | 36    | 50    | 14    | 7.0   | 75                                    |
| B                                                                                                                            | 17           | x | 11        | Li       | 18 - 350        | 457 - 8890                 | 18 - 350  | 43    | 69    | 26    | 9.0   | 125                                   |
| C                                                                                                                            | 22           | x | 14        | Li       | 34 - 800        | 864 - 20320                | 34 - 800  | 56    | 88    | 32    | 12.0  | 200                                   |
| D                                                                                                                            | 32           | x | 19        | Li       | 75 - 800        | 1905 - 20320               | 75 - 800  | 79    | 119   | 40    | 16.0  | 350                                   |
| E                                                                                                                            | 38           | x | 23        | Li       | 180 - 800       | 4572 - 20320               | 180 - 800 | 92    | 145   | 53    | 20.0  | 500                                   |
| HEXAGONAL BELTS                                                                                                              |              |   |           |          |                 |                            |           |       |       |       |       |                                       |
| BB                                                                                                                           | 17           | x | 14        | Li<br>Le | 70 - 150        | 1778 - 3810<br>1847 - 3879 | 70 - 150  | 43    |       |       | 9.0   | 125                                   |
| LIGHT DUTY BELTS                                                                                                             |              |   |           |          |                 |                            |           |       |       |       |       |                                       |
| FHP (3L)                                                                                                                     | 9.5          | x | 5.5       | La       | 2170 - 2540     | 432 - 1372                 | 17 - 54   |       | 36    |       |       | 38                                    |
| WEDGE BELTS                                                                                                                  |              |   |           |          |                 |                            |           |       |       |       |       |                                       |
| SPZ                                                                                                                          | 10           | x | 8         | Lp       | 600 - 4250      | 600 - 4250                 |           | 37    | 50    | 13    | 4.2   | 63                                    |
| SPA                                                                                                                          | 13           | x | 10        | Lp       | 690 - 4250      | 690 - 4250                 |           | 45    | 63    | 18    | 6.0   | 90                                    |
| SPB                                                                                                                          | 16           | x | 13        | Lp       | 1225 - 18800    | 1225 - 18800               |           | 60    | 82    | 22    | 7.3   | 160                                   |
| SPC                                                                                                                          | 22           | x | 18        | Lp       | 1900 - 18800    | 1900 - 18800               |           | 83    | 113   | 30    | 10.0  | 224                                   |
| Belts for Harvesting Combines                                                                                                |              |   |           |          |                 |                            |           |       |       |       |       |                                       |
| HL                                                                                                                           | 45           | x | 20        | Lp       | 2500 - 3700     | 2500 - 3700                |           | 84    | 126   | 42    | 13.2  | 147                                   |
| HM                                                                                                                           | 50           | x | 22        | Lp       | 2100 - 5300     | 2100 - 5300                |           | 90    | 138   | 48    | 15.2  | 168                                   |
| Power Cord }<br>Flat Belts }                                                                                                 | 75-175       | x | 6         | Li       | 2800 - 5300     | 2800 - 5300                | 110 - 210 |       | 38    |       |       | 75                                    |
| Banded Belts                                                                                                                 |              |   |           |          |                 |                            |           |       |       |       |       |                                       |
| 2HB, 3HB, 5HB                                                                                                                | Section 'B'  |   |           | Li       | 1900 - 4000     | 1900 - 4000                | 75 - 160  |       | 95    |       | 9.0   | 125                                   |
| 2 / 3 / 4 / 5 H 5V                                                                                                           | Section '5V' |   |           | La       | 1000 - 2500     | 2540 - 6350                | 100 - 250 |       |       |       |       | 180                                   |
| Narrow V-Belts                                                                                                               |              |   |           |          |                 |                            |           |       |       |       |       |                                       |
| 3V                                                                                                                           | 9.7          | x | 8         | La       | 240 - 1600      | 610 - 4060                 | 24 - 160  |       | 50    |       |       | 67                                    |
| 5V                                                                                                                           | 16           | x | 13        | La       | 950 - 2500      | 2410 - 6350                | 95 - 250  |       | 82    |       |       | 180                                   |
| 8V                                                                                                                           | 25           | x | 23        | La       | 1020 - 7400     | 2590 - 18800               | 102 - 740 |       | 145   |       |       | 315                                   |
| Automotive Narrow V-Belts                                                                                                    |              |   |           |          |                 |                            |           |       |       |       |       |                                       |
| 9.5                                                                                                                          | 9.5          | x | 8         | La       | 610 - 4250      | 610 - 4250                 |           |       | 50    |       |       | 63                                    |
| 12.5                                                                                                                         | 12.5         | x | 10        | La       | 710 - 4250      | 710 - 4250                 |           |       | 63    |       |       | 90                                    |
| Note : Li- Belt Inside Length; La- Belt Outside Length; Lp- Belt Pitch Length; Do- Pulley Outside Dia; Dp= Pulley Pitch Dia. |              |   |           |          |                 |                            |           |       |       |       |       |                                       |

## Length Tolerances :

Table - 2

| Belt Length |      |       |        | (inch)        | Tolerance in Length, mm |
|-------------|------|-------|--------|---------------|-------------------------|
| upto        | 1900 | mm    | ( upto | - 73 )        | ± 1                     |
| 1901        | -    | 3150  | mm     | ( 74 - 122 )  | ± 2                     |
| 3151        | -    | 5000  | mm     | ( 123 - 195 ) | ± 3                     |
| 5001        | -    | 9000  | mm     | ( 196 - 352 ) | ± 4                     |
| 9001        | -    | 12500 | mm     | ( 353 - 489 ) | ± 5                     |
| 12501       | -    | 16000 | mm     | ( 490 - 626 ) | ± 6                     |
| 16001       | -    | 20320 | mm     | ( 627 - 800 ) | ± 7                     |

**Euro Zeta V-BELTS** are manufactured as per above length tolerances and are measured within stipulated time-frame under controlled storage conditions. However all V-belts shrink during storage which varies with varying climatic conditions and period of storage. This shrinkage is a reversible process and belts would resume their original length after initial run. Also, this does not affect the working performance of belts in any way.



Table - 3

### DIMENSIONS OF STANDARD VEE-GROOVED PULLEYS

| Groove Cross Section | Minimum Pulley Pitch Diameter<br>mm | Pulley Pitch Diameter<br>mm       | Groove Angle<br>Deg $\pm 0.5$ | Minimum Top width of groove<br>mm | Minimum Groove depth below outside diameter, 'h'<br>mm | Centre to Centre of grooves<br>mm | Edge of Pulley to first Groove Centre<br>mm |
|----------------------|-------------------------------------|-----------------------------------|-------------------------------|-----------------------------------|--------------------------------------------------------|-----------------------------------|---------------------------------------------|
| SPZ                  | 63                                  | Upto 80<br>Over 80                | 34<br>38                      | 9.7<br>9.9                        | 11.0                                                   | 12.0 $\pm$ 0.3                    | 8.0 $\pm$ 1.0                               |
| A                    | 75                                  | Upto 118                          | 34                            | 13.0                              | 13.8*                                                  | 15.0 $\pm$ 0.3                    | 10.0 + 2.0                                  |
| SPA                  | 90                                  | Over 118                          | 38                            | 13.3                              |                                                        |                                   | - 1.0                                       |
| B                    | 125                                 | Upto 190                          | 34                            | 16.6                              | 17.5*                                                  | 19.0 $\pm$ 0.4                    | 12.5 + 2.0                                  |
| SPB                  | 160                                 | Over 190                          | 38                            | 16.9                              |                                                        |                                   | - 1.0                                       |
| C                    | 200                                 | Upto 315                          | 34                            | 22.5                              | 23.8*                                                  | 25.5 $\pm$ 0.5                    | 17.0 + 2.0                                  |
| SPC                  | 224                                 | Over 315                          | 38                            | 22.9                              |                                                        |                                   | - 1.0                                       |
| D                    | 350                                 | Upto 475<br>Over 475              | 36<br>38                      | 32.3<br>32.6                      | 28.0                                                   | 37.0 $\pm$ 0.6                    | 24.0 + 3.0<br>- 1.0                         |
| E                    | 500                                 | Upto 630<br>Over 630              | 36<br>38                      | 38.3<br>38.6                      | 33.0                                                   | 44.5 $\pm$ 0.7                    | 29.0 + 4.0<br>- 1.0                         |
| BB                   | 125                                 | Upto 190<br>Over 190              | 34<br>38                      | 16.6<br>16.9                      | 14.0                                                   | ----                              | ----                                        |
| HL                   | 147                                 | ----                              | 26                            | 44.5                              | 28.6                                                   | ----                              | ----                                        |
| HM                   | 168                                 | ----                              | 26                            | 50.8                              | 32.6                                                   | ----                              | ----                                        |
| 3V                   | 67                                  | Upto 88<br>89 - 152<br>153 - 305  | 36<br>38<br>40                | 8.89                              | 8.64                                                   | 10.3 $\pm$ 0.4                    | 8.74 + 2.4<br>- 0.8                         |
| 5V                   | 180                                 | Upto 253<br>254 - 406<br>Over 406 | 38<br>40<br>42                | 15.24                             | 14.99                                                  | 17.5 $\pm$ 0.4                    | 12.70 + 3.2<br>- 1.2                        |
| 8V                   | 315                                 | Upto 406<br>406 - 569<br>Over 569 | 38<br>40<br>42                | 25.40                             | 25.15                                                  | 28.6 $\pm$ 0.4                    | 19.05 + 6.4<br>- 1.6                        |
| FHP (3L)             | 38                                  | Upto 55<br>56 - 81<br>82 - 107    | 32<br>34<br>36                | 9.15<br>9.25<br>9.35              | 10.30                                                  | ----                              | ----                                        |

\* When pulleys are to be used for belt sections A,B or C only, dimension 'h' may be reduced by 20%.

Table - 4

### DRIVE DESIGN FORMULAE

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

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

where

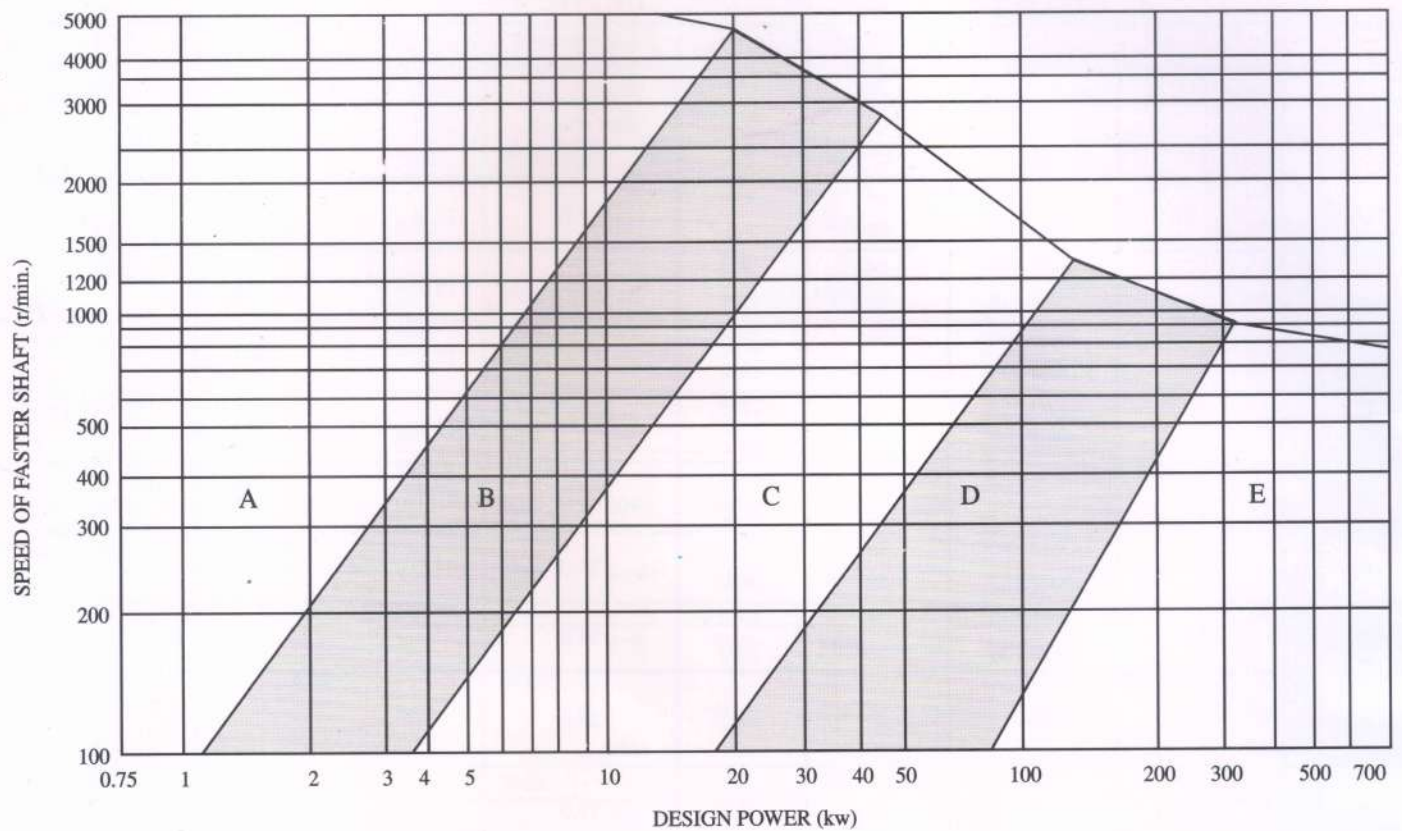
$$A = \frac{L}{4} - 0.3925(D+d)$$

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

$$\text{Number of belts } N = \frac{P \times F_s}{R \times F_L \times F_c}$$

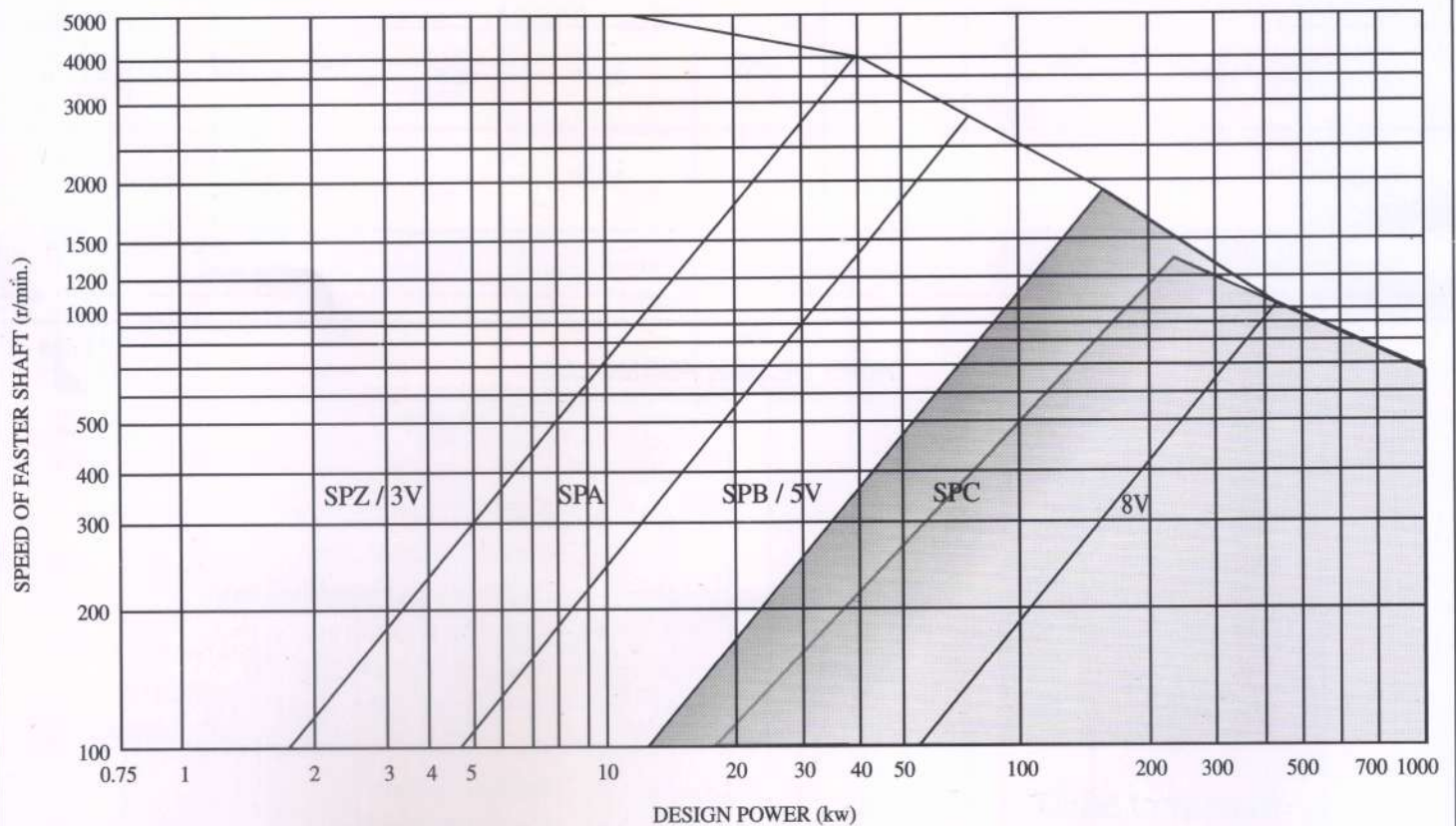
where

- L = Belt Pitch Length, mm
- C = Centre Distance, mm
- D = Pitch dia. of large pulley, mm
- d = Pitch dia. of small pulley, mm
- R = Power Rating per belt, KW
- FL = Belt Length Correction Factor
- Fc = Arc of contact correction Factor
- Fs = Service Factor
- P = Drive Power in Kw.



SELECTION OF V-BELT CROSS SECTION

fig. 1



SELECTION OF WEDGE / NARROW BELT CROSS SECTION

fig. 2



(R) POWER RATING, KW PER BELT, WITH 180° ARC OF CONTACT ON SMALLER PULLEY

Table - 5

| Vee Belt Section            |                             | RPM of Faster Shaft         | ADDITIONAL POWER (KW) PER BELT FOR SPEED RATIO |              |              |              |              |              |              |              |               |       |       |       |      |      |      |  |  |
|-----------------------------|-----------------------------|-----------------------------|------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|-------|-------|-------|------|------|------|--|--|
|                             |                             |                             | 1.02 to 1.04                                   | 1.05 to 1.08 | 1.09 to 1.12 | 1.13 to 1.18 | 1.19 to 1.24 | 1.25 to 1.34 | 1.35 to 1.51 | 1.52 to 1.99 | 2.00 and over |       |       |       |      |      |      |  |  |
| A                           | Small Pulley Pitch Dia., mm |                             | 75                                             | 80           | 85           | 90           | 100          | 106          | 112          | 118          | 125           |       |       |       |      |      |      |  |  |
|                             | 720                         | 0.53                        | 0.60                                           | 0.68         | 0.75         | 0.90         | 0.99         | 1.07         | 1.16         | 1.26         |               |       |       |       |      |      |      |  |  |
|                             | 960                         | 0.66                        | 0.76                                           | 0.86         | 0.95         | 1.14         | 1.25         | 1.37         | 1.49         | 1.61         |               |       |       |       |      |      |      |  |  |
|                             | 1440                        | 0.91                        | 1.04                                           | 1.17         | 1.31         | 1.58         | 1.73         | 1.90         | 2.07         | 2.24         |               |       |       |       |      |      |      |  |  |
|                             | 2880                        | 1.42                        | 1.67                                           | 1.91         | 2.14         | 2.59         | 2.76         | 3.11         | 3.36         | 3.63         |               |       |       |       |      |      |      |  |  |
| B                           | Small Pulley Pitch Dia., mm |                             | 125                                            | 132          | 140          | 150          | 160          | 170          | 180          | 190          | 200           |       |       |       |      |      |      |  |  |
|                             | 720                         | 1.61                        | 1.79                                           | 1.99         | 2.24         | 2.48         | 2.73         | 2.97         | 3.21         | 3.45         |               |       |       |       |      |      |      |  |  |
|                             | 960                         | 2.02                        | 2.24                                           | 2.50         | 2.82         | 3.13         | 3.44         | 3.75         | 4.05         | 4.35         |               |       |       |       |      |      |      |  |  |
|                             | 1440                        | 2.72                        | 3.03                                           | 3.39         | 3.83         | 4.26         | 4.68         | 5.09         | 5.50         | 5.90         |               |       |       |       |      |      |      |  |  |
|                             | C                           | Small Pulley Pitch Dia., mm |                                                | 200          | 212          | 224          | 236          | 250          | 265          | 280          | 315           | 355   | 400   |       |      |      |      |  |  |
| 720                         |                             | 4.65                        | 5.18                                           | 5.70         | 6.22         | 6.81         | 7.44         | 8.06         | 8.49         | 11.05        | 12.75         |       |       |       |      |      |      |  |  |
| 960                         |                             | 5.76                        | 6.42                                           | 7.08         | 7.72         | 8.46         | 9.24         | 10.00        | 11.72        | 13.58        | 15.51         |       |       |       |      |      |      |  |  |
| 1440                        |                             | 7.49                        | 8.36                                           | 9.21         | 10.03        | 10.95        | 11.91        | 12.82        | 14.76        | 16.67        |               |       |       |       |      |      |      |  |  |
| D                           |                             | Small Pulley Pitch Dia., mm |                                                | 355          | 375          | 400          | 425          | 450          | 475          | 500          | 530           | 560   | 600   |       |      |      |      |  |  |
|                             | 400                         | 10.57                       | 11.61                                          | 12.91        | 14.19        | 15.45        | 16.70        | 17.94        | 19.40        | 20.85        | 22.74         |       |       |       |      |      |      |  |  |
|                             | 720                         | 16.26                       | 17.90                                          | 19.90        | 21.85        | 23.75        | 23.59        | 27.38        | 29.44        | 31.42        | 33.91         |       |       |       |      |      |      |  |  |
|                             | 960                         | 19.26                       | 21.16                                          | 23.45        | 25.63        | 27.70        | 29.65        | 31.47        | 33.50        | 35.32        |               |       |       |       |      |      |      |  |  |
|                             | 1440                        | 21.22                       | 23.03                                          |              |              |              |              |              |              |              |               |       |       |       |      |      |      |  |  |
| E                           | Small Pulley Pitch Dia., mm |                             | 500                                            | 530          | 560          | 600          | 630          | 650          | 710          | 750          | 800           | 900   |       |       |      |      |      |  |  |
|                             | 250                         | 14.40                       | 13.70                                          | 17.50        | 19.50        | 20.80        | 22.60        | 24.30        | 26.70        | 29.10        | 32.90         |       |       |       |      |      |      |  |  |
|                             | 400                         | 20.70                       | 22.40                                          | 25.10        | 27.90        | 31.50        | 34.90        | 38.20        | 41.40        | 46.60        |               |       |       |       |      |      |      |  |  |
|                             | 585                         | 26.60                       | 28.20                                          | 32.10        | 35.60        | 37.70        | 40.10        | 43.70        | 47.40        | 50.80        | 56.00         |       |       |       |      |      |      |  |  |
|                             | 720                         | 30.80                       | 32.00                                          | 35.30        | 39.00        | 41.10        | 44.20        | 47.20        | 50.10        |              |               |       |       |       |      |      |      |  |  |
| 960                         | 31.10                       | 33.50                       | 36.50                                          |              |              |              |              |              |              |              |               |       |       |       |      |      |      |  |  |
| Wedge / Narrow Belt Section |                             | RPM of Faster Shaft         | ADDITIONAL POWER (KW) PER BELT FOR SPEED RATIO |              |              |              |              |              |              |              |               |       |       |       |      |      |      |  |  |
| SPZ - 3V                    |                             | Small Pulley Pitch Dia., mm | 63                                             | 67           | 71           | 75           | 80           | 85           | 90           | 95           | 100           | 106   | 112   | 118   | 125  | 132  | 140  |  |  |
|                             |                             | 720                         | 0.52                                           | 0.61         | 0.70         | 0.79         | 0.90         | 1.01         | 1.12         | 1.23         | 1.34          | 1.47  | 1.60  | 1.73  | 1.88 | 2.03 | 2.20 |  |  |
|                             |                             | 960                         | 0.65                                           | 0.77         | 0.88         | 1.00         | 1.15         | 1.29         | 1.44         | 1.58         | 1.72          | 1.89  | 2.06  | 2.23  | 2.42 | 2.62 | 2.84 |  |  |
|                             |                             | 1440                        | 0.88                                           | 1.05         | 1.22         | 1.39         | 1.60         | 1.81         | 2.01         | 2.22         | 2.42          | 2.67  | 2.91  | 3.15  | 3.43 | 3.71 | 4.02 |  |  |
|                             |                             | 2880                        | 1.42                                           | 1.73         | 2.04         | 2.35         | 2.73         | 3.11         | 3.49         | 3.86         | 4.22          | 4.65  | 5.08  | 5.49  | 5.97 | 6.44 | 6.97 |  |  |
| SPA                         | Small Pulley Pitch Dia., mm |                             | 90                                             | 100          | 106          | 112          | 118          | 125          | 132          | 140          | 150           | 160   | 180   | 200   |      |      |      |  |  |
|                             | 720                         | 1.14                        | 1.53                                           | 1.76         | 1.99         | 2.22         | 2.48         | 2.75         | 3.05         | 3.42         | 3.79          | 4.52  | 5.24  |       |      |      |      |  |  |
|                             | 960                         | 1.41                        | 1.92                                           | 2.22         | 2.51         | 2.81         | 3.15         | 3.50         | 3.88         | 4.36         | 4.84          | 5.79  | 6.72  |       |      |      |      |  |  |
|                             | 1440                        | 1.88                        | 2.61                                           | 3.04         | 3.46         | 3.89         | 4.38         | 4.87         | 5.42         | 6.10         | 6.78          | 8.10  | 9.40  |       |      |      |      |  |  |
|                             | 2880                        | 2.83                        | 4.12                                           | 4.88         | 5.64         | 6.37         | 7.22         | 8.05         | 8.97         | 10.10        | 11.19         | 13.24 |       |       |      |      |      |  |  |
| SPB - 5V                    | Small Pulley Pitch Dia., mm |                             | 160                                            | 170          | 180          | 190          | 200          | 212          | 224          | 236          | 250           | 280   | 315   |       |      |      |      |  |  |
|                             | 720                         | 4.54                        | 5.15                                           | 5.68         | 6.25         | 6.81         | 7.49         | 8.15         | 8.82         | 9.58         | 11.21         | 13.06 |       |       |      |      |      |  |  |
|                             | 960                         | 5.73                        | 6.47                                           | 7.21         | 7.94         | 8.66         | 9.52         | 10.38        | 11.23        | 12.20        | 14.26         | 16.60 |       |       |      |      |      |  |  |
|                             | 1440                        | 7.85                        | 8.89                                           | 9.93         | 10.95        | 11.95        | 13.15        | 14.32        | 15.48        | 16.80        | 19.55         | 22.57 |       |       |      |      |      |  |  |
|                             | SPC                         | Small Pulley Pitch Dia., mm |                                                | 224          | 236          | 250          | 260          | 280          | 300          | 315          | 355           | 375   | 400   | 425   | 450  | 500  | 560  |  |  |
| 720                         |                             | 10.22                       | 11.54                                          | 13.06        | 16.28        | 18.40        | 19.97        | 24.10        | 26.13        | 28.63        | 31.09         | 33.51 | 38.23 | 43.67 |      |      |      |  |  |
| 960                         |                             | 12.68                       | 14.36                                          | 16.30        | 20.38        | 23.05        | 25.02        | 30.16        | 32.66        | 35.71        | 38.69         | 41.58 | 47.12 | 53.29 |      |      |      |  |  |
| 1440                        |                             | 16.59                       | 18.88                                          | 21.50        | 26.94        | 30.43        | 32.96        | 39.37        | 42.38        |              |               |       |       |       |      |      |      |  |  |
| 8V                          |                             | Small Pulley Pitch Dia., mm |                                                | 330          | 350          | 380          | 400          | 420          | 440          | 460          | 480           | 500   | 560   | 600   |      |      |      |  |  |
|                             | 725                         | 24.52                       | 27.32                                          | 31.46        | 34.17        | 36.84        | 39.48        | 42.08        | 44.64        | 47.16        | 54.46         | 59.11 |       |       |      |      |      |  |  |
|                             | 950                         | 30.00                       | 33.42                                          | 38.43        | 41.68        | 44.85        | 47.95        | 50.97        | 53.92        | 56.78        | 64.84         | 69.76 |       |       |      |      |      |  |  |
|                             | 1425                        | 38.24                       | 42.42                                          | 48.32        | 51.99        | 55.45        | 58.67        | 61.66        |              |              |               |       |       |       |      |      |      |  |  |



POWER CORRECTION FACTORS FOR BELT LENGTH (FL)

Table - 6

| Power<br>Correction<br>Factor | BELT PITCH / EFFECTIVE LENGTH, mm |      |       |       |       |                      |      |        |       |       | Power<br>Correction<br>Factor |
|-------------------------------|-----------------------------------|------|-------|-------|-------|----------------------|------|--------|-------|-------|-------------------------------|
|                               | V-BELTS                           |      |       |       |       | WEDGE / NARROW BELTS |      |        |       |       |                               |
|                               | A                                 | B    | C     | D     | E     | SPZ-3V               | SPA  | SPB-5V | SPC   | 8V    |                               |
| 0.80                          | 630                               |      |       |       |       |                      |      |        |       |       | 0.80                          |
| 0.81                          |                                   | 930  |       |       |       |                      |      |        |       |       | 0.81                          |
| 0.82                          | 700                               |      | 1560  | 2794  |       |                      | 800  |        |       |       | 0.82                          |
| 0.83                          |                                   | 1000 |       |       |       | 630                  |      |        |       |       | 0.83                          |
| 0.84                          | 790                               |      | 1760  |       |       |                      | 900  |        |       |       | 0.84                          |
| 0.85                          |                                   | 1100 |       |       |       | 710                  |      |        |       |       | 0.85                          |
| 0.86                          | 890                               |      |       | 3130  |       |                      | 1000 |        | 2000  |       | 0.86                          |
| 0.87                          |                                   | 1210 | 1950  | 3330  |       | 800                  |      |        |       | 2590  | 0.87                          |
| 0.88                          | 990                               |      |       |       |       |                      | 1120 |        | 2240  |       | 0.88                          |
| 0.89                          |                                   |      |       |       |       | 900                  |      |        |       | 3000  | 0.89                          |
| 0.90                          | 1100                              | 1370 | 2190  | 3730  | 4660  |                      | 1250 |        | 2500  |       | 0.90                          |
| 0.91                          |                                   |      | 2340  |       |       |                      |      |        | 2800  | 3350  | 0.91                          |
| 0.92                          |                                   | 1560 | 2490  | 4080  | 5040  | 1000                 | 1400 | 1900   |       |       | 0.92                          |
| 0.93                          | 1250                              |      |       |       |       |                      |      | 2020   | 3150  |       | 0.93                          |
| 0.94                          |                                   |      | 2720  | 4620  | 5420  | 1120                 | 1600 |        |       | 4060  | 0.94                          |
| 0.95                          |                                   | 1760 | 2800  |       |       |                      |      | 2240   | 3550  |       | 0.95                          |
| 0.96                          | 1430                              |      | 3080  |       | 6100  | 1250                 | 1800 | 2500   |       |       | 0.96                          |
| 0.97                          |                                   | 1950 |       | 5400  |       |                      |      |        | 4000  | 5080  | 0.97                          |
| 0.98                          | 1550                              |      | 3310  |       |       | 1400                 | 2000 | 2840   | 4500  |       | 0.98                          |
| 0.99                          | 1640                              | 2180 | 3520  |       | 6850  |                      |      |        |       | 6000  | 0.99                          |
| 1.00                          | 1750                              | 2300 |       | 6100  |       | 1600                 | 2240 | 3150   | 5000  |       | 1.00                          |
| 1.02                          | 1940                              | 2500 | 4060  |       | 7650  | 1800                 | 2500 | 3550   | 5600  | 7100  | 1.02                          |
| 1.03                          |                                   |      |       | 6840  |       |                      |      |        | 6300  | 8000  | 1.03                          |
| 1.04                          | 2050                              | 2700 |       |       |       | 2030                 | 2800 | 4060   |       |       | 1.04                          |
| 1.05                          | 2200                              | 2850 | 4600  | 7620  | 9150  |                      |      |        | 7100  | 9000  | 1.05                          |
| 1.06                          | 2300                              |      |       |       |       | 2280                 | 3150 | 4500   |       |       | 1.06                          |
| 1.07                          |                                   |      |       | 8410  | 9950  |                      |      |        | 8000  | 10160 | 1.07                          |
| 1.08                          | 2480                              | 3200 | 5380  |       |       | 2540                 | 3550 | 5000   | 8500  |       | 1.08                          |
| 1.09                          | 2570                              |      |       | 9140  | 10710 |                      |      | 5600   | 9000  | 11430 | 1.09                          |
| 1.10                          | 2700                              | 3600 |       |       |       | 2840                 | 4000 |        | 10000 | 12700 | 1.10                          |
| 1.11                          |                                   |      | 6100  |       |       |                      | 4250 | 6300   |       |       | 1.11                          |
| 1.12                          | 2910                              |      |       | 10700 | 12230 | 3150                 |      |        | 11200 |       | 1.12                          |
| 1.13                          | 3080                              | 4060 |       |       |       |                      |      | 7100   |       |       | 1.13                          |
| 1.14                          | 3290                              |      | 6860  |       | 13750 |                      |      |        | 12500 |       | 1.14                          |
| 1.15                          |                                   | 4430 |       |       |       | 3550                 |      | 8000   |       |       | 1.15                          |
| 1.16                          | 3540                              | 4820 | 7600  | 12200 |       |                      |      |        |       |       | 1.16                          |
| 1.17                          |                                   | 5000 |       | 13700 | 15280 |                      |      |        |       |       | 1.17                          |
| 1.18                          |                                   | 5370 |       |       |       | 4000                 |      |        | 15000 |       | 1.18                          |
| 1.19                          |                                   | 6070 |       | 15200 | 16800 |                      |      |        |       |       | 1.19                          |
| 1.20                          |                                   |      |       |       |       |                      |      |        |       |       | 1.20                          |
| 1.21                          |                                   |      | 9100  | 16790 | 17820 |                      |      |        |       |       | 1.21                          |
| 1.23                          |                                   |      | 9900  |       |       |                      |      |        |       |       | 1.23                          |
| 1.24                          |                                   |      | 10700 |       | 18840 |                      |      |        |       |       | 1.24                          |

Table - 7

**ARC OF CONTACT  
CORRECTION  
FACTOR (Fc)**

| $\frac{D-d}{C}$ | Factor Fc | Arc of contact on smaller pulley, degrees | $\frac{D-d}{C}$ | Factor Fc | Arc of contact on smaller pulley, degrees | $\frac{D-d}{C}$ | Factor Fc | Arc of contact on smaller pulley, degrees |
|-----------------|-----------|-------------------------------------------|-----------------|-----------|-------------------------------------------|-----------------|-----------|-------------------------------------------|
| 0.00            | 1.00      | 180                                       | 0.35            | 0.95      | 160                                       | 0.70            | 0.89      | 139                                       |
| 0.05            | 0.99      | 177                                       | 0.40            | 0.94      | 157                                       | 0.75            | 0.88      | 136                                       |
| 0.10            | 0.99      | 174                                       | 0.45            | 0.93      | 154                                       | 0.80            | 0.87      | 133                                       |
| 0.15            | 0.98      | 171                                       | 0.50            | 0.93      | 151                                       | 0.85            | 0.86      | 130                                       |
| 0.20            | 0.97      | 169                                       | 0.55            | 0.92      | 148                                       | 0.90            | 0.85      | 127                                       |
| 0.25            | 0.97      | 166                                       | 0.60            | 0.91      | 145                                       | 0.95            | 0.83      | 123                                       |
| 0.30            | 0.96      | 163                                       | 0.65            | 0.90      | 142                                       | 1.00            | 0.82      | 120                                       |



| SPEED INCREASING DRIVES                       |                                                                                                                                                                                                                                                                                                                                             | TYPES OF PRIME MOVERS                                                                                                                                                                                                 |                      |                |                                                                                                                                                                                  |                      |                |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------|
| For Speed increasing Drives, Multiply Fs by : |                                                                                                                                                                                                                                                                                                                                             | <b>Soft Starts</b><br>Electric Motors<br>A.C. - Star - Delta start<br>D.C. - Shunt wound<br>I.C.-Engines with 4 or more cylinders<br>All prime movers fitted with<br>Centrifugal clutch, fluid or<br>Powder Couplings |                      |                | <b>Heavy Starts</b><br>Electric Motors<br>A.C. - Direct - on-line start<br>D.C. - Series and compound wound<br>I.C.-Engines with less than 4 cylinders<br>Line Shafts, clutches. |                      |                |
| 1.00 for speed Ratio 1.00 to 1.24             |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                       |                      |                |                                                                                                                                                                                  |                      |                |
| 1.05 for speed Ratio 1.25 to 1.74             |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                       |                      |                |                                                                                                                                                                                  |                      |                |
| 1.11 for speed Ratio 1.75 to 2.49             |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                       |                      |                |                                                                                                                                                                                  |                      |                |
| 1.18 for speed Ratio 2.50 to 3.49             |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                       |                      |                |                                                                                                                                                                                  |                      |                |
| 1.25 for speed Ratio 3.50 and over            |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                       |                      |                |                                                                                                                                                                                  |                      |                |
| TYPES OF DRIVEN MACHINES                      |                                                                                                                                                                                                                                                                                                                                             | Operational Hours Per Day                                                                                                                                                                                             |                      |                | Operational Hours Per Day                                                                                                                                                        |                      |                |
|                                               |                                                                                                                                                                                                                                                                                                                                             | Up to<br>10 hrs.                                                                                                                                                                                                      | Over 10<br>to 16 hrs | Over<br>16 hrs | Up to<br>10 hrs.                                                                                                                                                                 | Over 10<br>to 16 hrs | Over<br>16 hrs |
| Light Duty                                    | Agitators (uniform density), Blowers, Exhausters, Centrifugal Pumps and Compressors, fans upto 7.5 Kw and Belt conveyors (light duty)                                                                                                                                                                                                       | 1.0                                                                                                                                                                                                                   | 1.1                  | 1.2            | 1.1                                                                                                                                                                              | 1.2                  | 1.3            |
| Medium Duty                                   | Agitators and Mixers (variable density), Blowers, Exhausters, and fans and dough mixers over 7.5 Kw, positive displacement rotary pumps and compressors, Belt conveyors (Not uniformly loaded), generators, lineshafts, laundry machinery, machine tools, punches, presses and shears, printing machinery, revolving and vibrating screens. | 1.1                                                                                                                                                                                                                   | 1.2                  | 1.3            | 1.2                                                                                                                                                                              | 1.3                  | 1.4            |
| Heavy Duty                                    | Brick Machinery, bucket elevators, exciters, reciprocating compressors and pumps, Conveyors (drag-pan-screw), hammer mills, paper mill beaters, pulverizers, saw mill and wood working machinery. Textile machinery, Rubber machinery.                                                                                                      | 1.2                                                                                                                                                                                                                   | 1.3                  | 1.4            | 1.4                                                                                                                                                                              | 1.5                  | 1.6            |
| Extra Heavy Duty                              | Crushers (gyratory-law-roll), Mills (Ball-rod-tube), hoists Rubber (calenders, extruder mills)                                                                                                                                                                                                                                              | 1.3                                                                                                                                                                                                                   | 1.4                  | 1.5            | 1.5                                                                                                                                                                              | 1.6                  | 1.8            |

## DRIVE DESIGN PROCEDURE FOR V-BELTS

|                                                                                                                  |                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| To obtain the best performance from V-Belts the drive should be designed correctly. The procedure is as follows. |                                                                                                                                                                                                                        |
| <b>STEP - 1</b>                                                                                                  | : Calculate speed Ratio, SR<br><br>Speed Ratio, SR = $\frac{\text{rpm of faster shaft}}{\text{rpm of slower shaft}}$                                                                                                   |
| <b>STEP - 2</b>                                                                                                  | : Select Service Factor, Fs<br>Service factor is obtained from Table-8 (Page - 6)                                                                                                                                      |
| <b>STEP - 3</b>                                                                                                  | : Calculate Design Power, Pd<br>Design Power, Pd = Driver Power, P x Service Factor, Fs                                                                                                                                |
| <b>STEP - 4</b>                                                                                                  | : Select Belt Cross Section<br>Belt cross section is obtained from Figure 1 and 2 (Page 3)<br>When the point of intersection falls on or near the dividing line, feasibility of both cross sections should be checked. |
| <b>STEP - 5</b>                                                                                                  | : Calculate Belt Pitch Length, (Lp)<br>Belt Pitch Length, $L_p = 2C + 1.57 (D+d) + \frac{(D-d)^2}{4C}$<br>where D & d are pitch diameters of larger and smaller pulleys respectively.                                  |
| <b>STEP - 6</b>                                                                                                  | : Determine Power Rating, R<br>Refer Table - 5 to determine the Power Rating, R<br>Power Rating per belt, R = Rated power + Additional power for speed Ratio (SR)                                                      |
| <b>STEP - 7</b>                                                                                                  | : Find Arc of contact correction Factor, Fc<br>Refer to Table - 7 (Page 5)                                                                                                                                             |
| <b>STEP - 8</b>                                                                                                  | : Find Power Correction Factor for Belt Length, FL                                                                                                                                                                     |
| <b>STEP - 9</b>                                                                                                  | : Find Number of Belts, N<br>: Number of belts, $N = \frac{P_d}{R \times F_L \times F_c}$<br>: Use next whole number if the number of belts is in a fraction.                                                          |



## INSTALLATION AND OPERATION OF BELT DRIVES

### STORAGE :

- Belts should be stored in cool and dry place.
- Belts should preferably be hung on crescent-shaped pegs.
- Belts should not be stored in heavy bent and distorted condition.

### INSTALLATION :

In assembling a drive, the motor or prime mover should be moved towards the driven unit and the belts should be placed in the grooves by hand. Under no circumstances should belts be forced on to pulley with spanners, screwdrivers or such implements.

### BELT TENSIONING :

Measure the belt span-length and calculate the deflection as per conditions 1, or condition 2 (Ref. Fig. 4) Tension the drive so as to match the deflection force as per table below. New drives should be tensioned to the near higher values. After the drive has run for about 24 hours, check the belt tension and adjust if necessary.

Table - 9

| Deflection force required for measuring installation tension in wedge and V-belt drives |                             |                                                                                                     |                          |                          |                                                                                                  |                              |                                 |
|-----------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------------------------------------------------------------------------------|------------------------------|---------------------------------|
| Cross-section symbol                                                                    | Small Pulley diameter range | Condition 1<br>Deflection of 0.02 mm per millimetre of span length if span length is 500 mm or less |                          |                          | Condition 2<br>Deflection of 0.01 mm per millimetre of span length if span length exceeds 500 mm |                              |                                 |
|                                                                                         |                             | Required deflection force F at centre of span for belt speed of                                     |                          |                          | Required deflection force F at centre of span for belt speed of                                  |                              |                                 |
|                                                                                         |                             | 0 m/s to 10 m/s<br>N                                                                                | 10 m/s to 20 m/s<br>N    | 20 m/s to 30 m/s<br>N    | 0 m/s to 10 m/s<br>N                                                                             | 10 m/s to 20 m/s<br>N        | 20 m/s to 30 m/s<br>N           |
| <b>V-belts</b>                                                                          | <b>A</b>                    | 75 to 140<br>above 140                                                                              | 16 to 24<br>24 to 35     | 13 to 19<br>19 to 28     | 10 to 16<br>16 to 24                                                                             | 8 to 12<br>12 to 18          | 6.5 to 9.5<br>9.5 to 14.0       |
|                                                                                         | <b>B</b>                    | 125 to 200<br>above 200                                                                             | 32 to 48<br>48 to 70     | 26 to 38<br>38 to 56     | 20 to 32<br>32 to 48                                                                             | 16 to 24<br>24 to 36         | 13.0 to 19.0<br>19.0 to 29.0    |
|                                                                                         | <b>C</b>                    | 200 to 400<br>above 400                                                                             | 62 to 92<br>92 to 140    | 52 to 76<br>72 to 116    | 40 to 62<br>62 to 92                                                                             | 31 to 46<br>46 to 70         | 26.0 to 38.0<br>38.0 to 58.0    |
|                                                                                         | <b>D</b>                    | 350 to 600<br>above 600                                                                             | 124 to 180<br>180 to 268 | 104 to 152<br>152 to 230 | 84 to 124<br>124 to 180                                                                          | 62 to 90<br>90 to 134        | 52.0 to 76.0<br>76.0 to 115.0   |
|                                                                                         | <b>E</b>                    | 500 to 900<br>above 900                                                                             | -<br>-                   | -<br>-                   | -<br>-                                                                                           | 110 to 160<br>160 to 240     | 90.0 to 140.0<br>140.0 to 210.0 |
| <b>Wedge belts</b>                                                                      |                             |                                                                                                     |                          |                          |                                                                                                  |                              |                                 |
| <b>SPZ</b>                                                                              | 63 to 95<br>95 and above    | 16 to 24<br>24 to 34                                                                                | 13 to 20<br>20 to 32     | 10 to 18<br>18 to 28     | 8 to 12<br>12 to 17                                                                              | 6.50 to 10.0<br>10.0 to 16.0 | 5.5 to 9.0<br>9.0 to 14.0       |
| <b>SPA</b>                                                                              | 90 to 140<br>140 and above  | 28 to 40<br>40 to 62                                                                                | 24 to 34<br>34 to 52     | 19 to 28<br>28 to 44     | 14 to 20<br>20 to 31                                                                             | 12.0 to 17.0<br>17.0 to 26.0 | 9.5 to 14.0<br>14.0 to 22.0     |
| <b>SPB</b>                                                                              | 160 to 265<br>265 and above | 50 to 72<br>72 to 92                                                                                | 40 to 64<br>64 to 82     | 36 to 54<br>54 to 74     | 25 to 36<br>36 to 46                                                                             | 20.0 to 32.0<br>32.0 to 41.0 | 18.0 to 27.0<br>27.0 to 37.0    |
| <b>SPC</b>                                                                              | 224 to 355<br>355 and above | 92 to 132<br>132 to 170                                                                             | 76 to 116<br>116 to 152  | 64 to 104<br>104 to 140  | 46 to 66<br>66 to 85                                                                             | 38.0 to 58.0<br>58.0 to 76.0 | 32.0 to 52.0<br>52.0 to 70.0    |

Condition 1  
Deflection 0.02 mm per millimetre of span if span length is 500 mm or less

Condition 2  
Deflection 0.01 mm per millimetre of span length if span length exceeds 500 mm

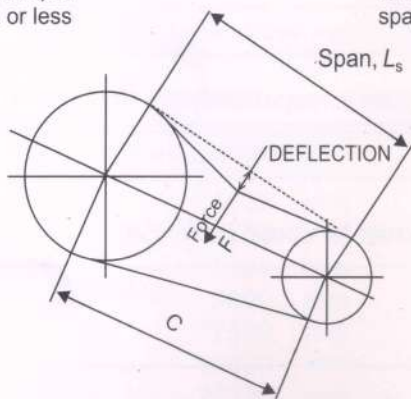


fig. 4

Note : For a two pulley drive as shown, the span  $L_s$ , in millimetres, may be calculated from the following formula.

$$L_s = C \left\{ 1 - 0.125 \left( \frac{D_p - d_p}{C} \right)^2 \right\}$$

Where

$C$  is the distance between pulley centres (in mm)

$D_p$  is the pitch diameter of larger pulley.

$d_p$  is the pitch diameter of smaller pulley.

### Idlers :

Grooved or Flat Pulley idlers are used :

- to provide take-up for fixed centre drives.
- to break up long spans where belt whipping is a problem.
- to clear obstruction and to turn corners as in mule pulley drive. Inside idlers must use a grooved pulley, preferably on the slack side of the drive. The idler pulley should at least be of the same diameter as that of the smaller pulley on the drive and should be positioned as close as possible to the larger pulley.

Flat idler pulleys should be at least one and half times that of small pulley diameter and are recommended only with V-belt drives and not with Wedge-belt drives.

## INSTALLATION AND TAKE-UP ALLOWANCES :

The limiting values for the adjustment of centres for the two transmission pulleys shall be as follows :

Lower Limiting Value : 1.5% of belt pitch length.

(Slack-off)

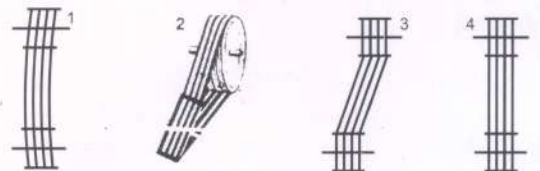
Higher Limiting Value : 3% of belt pitch length.

(Take-Up)

### ALIGNMENT

Correct alignment of pulleys is important to avoid turn-overs and excessive wear

fig. 3



1. Shafts are not parallel to one another.

2. Shafts are not in correct alignment, although they appear parallel when seen from above.

3. Shafts are parallel and in alignment but pulleys are not in alignment

4. Correct installation both shafts and pulleys are parallel and in alignment.





A EURO ZETA V-Belt is built around finest quality Dipped Polyester Cord Polyester cord being the main Tension Member of the V- Belt is specially designed to provide Low Stretch throughout its life.

The Cushion is made up of Specially Formulated Rubber Compound to prevent shifting of adjacent Polyester Cords and meet the required Structural Integrity and Dynamic adhesion.

The Compression Part of a EURO ZETA V-BELT is designed to provide negligible Deformation under Load and beside Sufficient Rigidity and Heat Resistance. It transverse rigidity and provides good support to the cords and maintains Dimensional Stability of the V-Belt.

Jacket of a EURO ZETA V-Belt is made of special Industrial Jacketing fabric with high Tensile Strength ,High Coefficient of Friction and High Wear Resistance against the pulley.

Jacket Fabric is impregnated with PCH(Poly Chloroprene based) compound at the Calender to add the attribute of being Resistant to Heat ,Oil,Abrasion,Ozone and Weather Aging.

Perfect Bonding of all its Components : Polyester Cord ,Cushion , Compression Rubber and Jacket Fabric is ensured to make the constituents work as EURO ZETA V-BELT.





## SERVICE GUIDE

| PROBLEM                                                                                                                                                                                                                                                                                  | CAUSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REMEDY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Belt Stretch Beyond take up                                                                                                                                                                                                                                                           | a). Insufficient take up allowance<br>b). Incorrect belt length<br>c). Excessive stretch caused by insufficient belts/ under designed drive<br>d). Misaligned drive, unequal work done by belts.<br>e). Belt tensile members broken/ damaged by improper installation.                                                                                                                                                                                                                                                                        | ] Check take up and follow allowance as prescribed.<br>] Use proper sized belts.<br>] Redesign the drive.<br>] Realign and re-tension the drive.<br>] Replace all belts with new properly installed set.                                                                                                                                                                                                                                                                                                                                                                                          |
| 2. Belt Turnover in Pulleys                                                                                                                                                                                                                                                              | a). Misaligned drive<br>b). Incorrect or Worn out pulley grooves<br>c). Low belt tension.<br>d). Excessive belt whipping.<br>e). Worn out belts.<br>f). Foreign material in grooves<br>g). Tensile members broken through improper installation.                                                                                                                                                                                                                                                                                              | ] Realign the drive.<br>] Replace the pulleys.<br>] Re-tension the drives.<br>] Use inside idler on slack side.<br>] Replace with new belts.<br>] Remove material and shield the drive.<br>] Replace with new belts properly installed.                                                                                                                                                                                                                                                                                                                                                           |
| 3. Belt Breaking after Fitment                                                                                                                                                                                                                                                           | a). Forcing the belt over pulleys during fitment; thus breaking/ damaging the tensile members and the belt cover.<br>b). Drive stalled.                                                                                                                                                                                                                                                                                                                                                                                                       | ] Install the drive properly with new set of belts. (see installation)<br>] Ascertain cause and rectify.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4. Short Belt Life<br>i). Rapid failure; no visible reason<br><br>ii). Extreme Cover Wear<br><br>iii). Burns on belts<br><br>iv). Cracks on bottom of belts; sidewalls dry and hard,<br>v). Sidewalls soft and sticky. Low adhesion between cover plies, Swelling and softening of belt. | a). Tensile members damaged through improper installation.<br>b). Worn out pulleys grooves. (check with groove gauge)<br>c). Under designed drive.<br><br>a). Incorrect or worn-out pulley grooves.<br>b). Poor drive alignment.<br>c). Belts rub against belt guard or other obstruction.<br>d). Low belt tension.<br><br>a). Belts slip under starting or stalling load.<br>b). Jamming of the driven unit.<br><br>a). Too small pulleys.<br>b). Excessive heat in the surroundings.<br><br>Oils or greases on the belts or pulley grooves. | ] Replace with new belts properly installed.<br>] Replace pulleys.<br>] Redesign the pulleys.<br><br>] Replace pulleys.<br>] Realign the drive.<br>] Remove obstruction and rectify belt guard.<br>] Re-tension the drive.<br><br>] Tighten the drive until slipping stops.<br>] Remove the cause and install a new set of belts.<br><br>] Redesign the drive for larger pulleys.<br>] Remove source of heat and ventilate the drive better.<br><br>] Remove source of oil or grease. Clean belts and pulley grooves with cloth moistened with non-toxic degreasing agent or detergent and water. |
| 5. Excessive Noise                                                                                                                                                                                                                                                                       | a). Belt slip<br>b). Poor drive alignment<br>c). Overloaded drive<br>d). Unbalanced pulleys                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ] Re-tension drive until it stops slipping<br>] Realign the drive<br>] Check drive details & redesign.<br>] Balance the pulleys                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



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