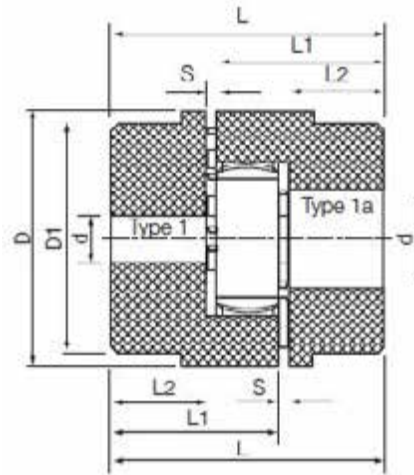


Curved Jaw (Rotex) Couplings



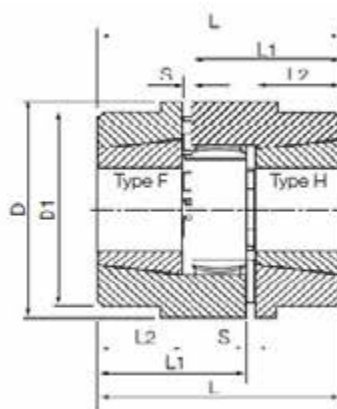
BOOK 3: COUPLINGS & SHAFT FIXINGS

COUPLINGS

| Type | Hub Type | Max Speed RPM | Rated Torque (Nm) | | D | D1 | d-min | d-max | S | L1 | L2 | L | Kg |
|------|----------|---------------|-------------------|-------------|-----|-----|-------|-------|-----|-------|-----|-----|-------|
| | | | 92 Sh A Yellow | 98 Sh A Red | | | | | | | | | |
| GE19 | 1 | 19000 | 10 | 17 | 40 | 32 | 6 | 19 | 1 | 39 | 25 | 65 | 0.19 |
| | 1a | | | | | | 19 | 24 | | | | | |
| GE24 | 1 | 14000 | 35 | 60 | 56 | 40 | 9 | 24 | 1 | 46 | 30 | 77 | 0.38 |
| | 1a | | | | | | 22 | 28 | | | | | |
| GE28 | 1 | 11800 | 95 | 160 | 65 | 48 | 10 | 28 | 1.5 | 52.5 | 35 | 89 | 0.62 |
| | 1a | | | | | | 28 | 38 | | | | | |
| GE38 | 1 | 9500 | 190 | 325 | 80 | 66 | 12 | 38 | 1 | 66 | 45 | 112 | 1.36 |
| | 1a | | | | | | 38 | 45 | | | | | |
| GE42 | 1 | 8000 | 265 | 450 | 95 | 75 | 14 | 42 | 1 | 73 | 50 | 124 | 2.03 |
| | 1a | | | | | | 42 | 55 | | | | | |
| GE48 | 1 | 7100 | 310 | 525 | 105 | 85 | 15 | 48 | 1.5 | 80.5 | 56 | 138 | 2.85 |
| | 1a | | | | | | 48 | 60 | | | | | |
| GE55 | 1 | 6300 | 410 | 685 | 120 | 98 | 20 | 55 | 2 | 91 | 65 | 158 | 4.32 |
| | 1a | | | | | | 55 | 70 | | | | | |
| GE65 | 1 | 5600 | 625 | 940 | 135 | 115 | 22 | 65 | 1.5 | 105.5 | 75 | 182 | 6.66 |
| | 1a | | | | | | 22 | 65 | | | | | |
| GE75 | 1 | 4750 | 1280 | 1920 | 160 | 135 | 30 | 75 | 1 | 120 | 85 | 206 | 10.48 |
| | 1a | | | | | | 30 | 75 | | | | | |
| GE90 | 1 | 3750 | 2400 | 3600 | 200 | 160 | 40 | 90 | 1.5 | 139.5 | 100 | 241 | 17.89 |
| | 1a | | | | | 180 | 40 | 90 | | | | | |

Note. Hub Types: 1 = Stepped Hub 1a = Full Hub

Curved Jaw (Rotex) Couplings



| Type | Hub Type | Max Speed RPM | Rated Torque | | Bush Size | Max Bore | D | D1 | S | L1 | L2 | L | Kg |
|------|----------|---------------|----------------|-------------|-----------|----------|-----|-----|-----|-------|----|-----|------|
| | | | 92 Sh A Yellow | 98 Sh A RED | | | | | | | | | |
| GE28 | F | 11800 | 95 | 160 | 1108 | 28 | 65 | 64 | 1.5 | 40.5 | 23 | 65 | 0.46 |
| | H | | | | 1108 | 28 | | | | | | | |
| GE38 | F | 9500 | 190 | 325 | 1108 | 28 | 80 | 78 | 1 | 44 | 23 | 68 | 0.79 |
| | H | | | | 1108 | 28 | | | | | | | |
| GE42 | F | 8000 | 265 | 450 | 1610 | 42 | 95 | 94 | 1 | 49 | 26 | 76 | 1.1 |
| | H | | | | 1610 | 42 | | | | | | | |
| GE48 | F | 7100 | 310 | 525 | 1615 | 42 | 105 | 104 | 1.5 | 63.5 | 39 | 104 | 2.07 |
| | H | | | | 1615 | 42 | | | | | | | |
| GE55 | F | 6300 | 410 | 685 | 2012 | 50 | 120 | 118 | 2 | 59 | 33 | 94 | 2.22 |
| | H | | | | 2012 | 50 | | | | | | | |
| GE65 | F | 5600 | 625 | 940 | 2012 | 50 | 135 | 133 | 1.5 | 63.5 | 33 | 98 | 3.14 |
| | H | | | | 2517 | 65 | | | | 75.5 | 45 | 122 | 4.03 |
| GE75 | F | 4750 | 1280 | 1920 | 2517 | 65 | 160 | 135 | 1 | 81 | 46 | 128 | 4.69 |
| | H | | | | 3020 | 75 | | | | 87 | 52 | 140 | 4.99 |
| GE90 | F | 3750 | 2400 | 3600 | 3020 | 75 | 200 | 160 | 1.5 | 91.5 | 52 | 145 | 7.74 |
| | H | | | | 3525 | 100 | | | | 103.5 | 64 | 169 | 8.74 |

Power Ratings (KW)

| Yellow (92 Shore) Elements | | | | | | | | | | |
|----------------------------|---------------|------|------|------|------|------|------|------|------|------|
| Speed (RPM) | Coupling Size | | | | | | | | | |
| | 19 | 24 | 28 | 38 | 42 | 48 | 55 | 65 | 75 | 90 |
| 100 | 0.1 | 0.37 | 1 | 1.99 | 2.78 | 3.25 | 4.29 | 6.55 | 13.4 | 25.1 |
| 500 | 0.52 | 1.83 | 4.98 | 9.95 | 13.9 | 16.2 | 21.5 | 32.7 | 67 | 126 |
| 700 | 0.73 | 2.56 | 6.97 | 13.9 | 19.4 | 22.7 | 30.1 | 45.8 | 93.8 | 176 |
| 720 | 0.75 | 2.64 | 7.16 | 14.3 | 20 | 23.4 | 30.9 | 47.1 | 96.5 | 181 |
| 800 | 0.84 | 2.93 | 7.96 | 15.9 | 22.2 | 26 | 34.3 | 52.4 | 107 | 201 |
| 900 | 0.94 | 3.29 | 8.96 | 17.9 | 25 | 29.2 | 38.6 | 58.9 | 121 | 226 |
| 960 | 1.01 | 3.51 | 9.55 | 19.1 | 26.6 | 31.2 | 41.2 | 62.8 | 129 | 241 |
| 1000 | 1.05 | 3.66 | 9.95 | 19.9 | 27.8 | 32.5 | 42.9 | 65.5 | 134 | 251 |
| 1200 | 1.26 | 4.39 | 11.9 | 23.9 | 33.3 | 39 | 51.5 | 78.5 | 161 | 302 |
| 1400 | 1.47 | 5.12 | 13.9 | 27.9 | 38.9 | 45.4 | 60.1 | 91.6 | 188 | 352 |
| 1440 | 1.51 | 5.27 | 14.3 | 28.7 | 40 | 46.7 | 61.8 | 94.2 | 193 | 362 |
| 1500 | 1.57 | 5.49 | 14.9 | 29.9 | 41.6 | 48.7 | 64.4 | 98.2 | 201 | 377 |
| 1800 | 1.88 | 6.59 | 17.9 | 35.8 | 50 | 58.4 | 77.3 | 118 | 241 | 452 |
| 2000 | 2.09 | 7.32 | 19.9 | 39.8 | 55.5 | 64.9 | 85.9 | 131 | 268 | 503 |
| 2880 | 3.02 | 10.5 | 28.7 | 57.3 | 79.9 | 93.5 | 124 | 188 | 386 | 724 |
| 3000 | 3.14 | 11 | 29.9 | 59.7 | 83.3 | 97.4 | 129 | 196 | 402 | 754 |
| 4000 | 4.19 | 14.6 | 39.8 | 79.6 | 111 | 130 | 172 | 262 | 536 | - |

| Red (98 Shore) Elements | | | | | | | | | | |
|-------------------------|---------------|------|------|------|-------|-------|-------|-------|-------|--------|
| Speed (RPM) | Coupling Size | | | | | | | | | |
| | 19 | 24 | 28 | 38 | 42 | 48 | 55 | 65 | 75 | 90 |
| 100 | 0.018 | 0.63 | 1.68 | 3.4 | 4.71 | 5.5 | 7.17 | 9.84 | 20.1 | 37.7 |
| 500 | 0.89 | 3.14 | 8.38 | 17 | 23.6 | 27.5 | 35.9 | 49.2 | 101 | 189 |
| 700 | 1.25 | 4.4 | 11.7 | 23.8 | 33 | 38.5 | 50.2 | 68.9 | 141 | 264 |
| 720 | 1.28 | 4.52 | 12.1 | 24.5 | 33.9 | 39.6 | 51.6 | 70.9 | 145 | 271 |
| 800 | 1.42 | 5.02 | 13.4 | 27.2 | 37.7 | 44 | 57.4 | 78.7 | 161 | 302 |
| 900 | 1.6 | 5.65 | 15.1 | 30.6 | 42.4 | 49.5 | 64.6 | 88.6 | 181 | 339 |
| 960 | 1.71 | 6.03 | 16.1 | 32.7 | 45.2 | 52.8 | 68.9 | 94.5 | 193 | 362 |
| 1000 | 1.78 | 6.28 | 16.8 | 34 | 47.1 | 55 | 71.7 | 98.4 | 201 | 377 |
| 1200 | 2.14 | 7.54 | 20.1 | 40.8 | 56.5 | 66 | 86.1 | 118 | 241 | 452 |
| 1400 | 2.49 | 8.79 | 23.5 | 47.6 | 66 | 77 | 100 | 138 | 281 | 528 |
| 1440 | 2.56 | 9.04 | 24.1 | 49 | 67.9 | 79.2 | 103 | 142 | 290 | 543 |
| 2880 | 5.2 | 18.1 | 48.4 | 97.9 | 135.7 | 158.4 | 206.5 | 283.4 | 578.9 | 1085.8 |