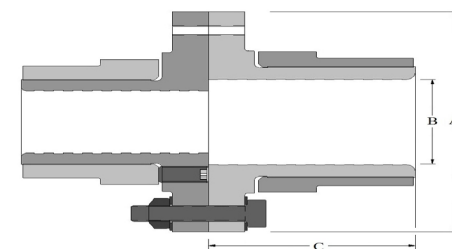
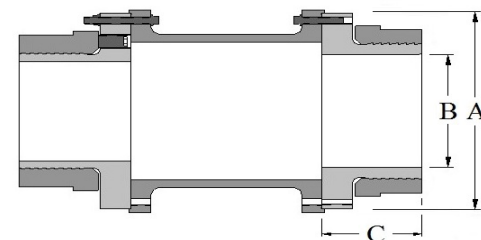


Horizontal Rigid Coupling Engineering Data- Metric

| Nominal Sizes | Parameters | | | | | A* | B | | C* | |
|---------------|------------------------|------------------|-----------------|-------------|----------------------------------|---------------------|----------------|----------------|-----------------|-------|
| | Max. Cont. Torque (Nm) | Peak Torque (Nm) | Max Speed (RPM) | Weight (Kg) | Inertia (Kg-m ²) | Outer Diameter (mm) | Min. Bore (mm) | Max. Bore (mm) | Hub Length (mm) | |
| 080 | A | 212 | 356 | 59,664 | 0.55 | 0.00029 | 70.4 | 21.1 | 26.2 | 36.0 |
| | B | 212 | 356 | 59,664 | 0.42 | 0.00027 | 70.4 | 22.4 | 39.4 | 35.9 |
| 100 | A | 384 | 768 | 46,784 | 1.08 | 0.00076 | 87.6 | 24.1 | 29.8 | 51.2 |
| | B | 384 | 768 | 46,784 | 0.90 | 0.00071 | 87.6 | 29.8 | 38.9 | 51.2 |
| | C | 481 | 963 | 46,784 | 0.92 | 0.00087 | 87.6 | 38.9 | 45.6 | 51.4 |
| | D | 481 | 963 | 46,784 | 0.84 | 0.00082 | 87.6 | 45.6 | 48.5 | 51.4 |
| | E | 481 | 963 | 46,784 | 0.90 | 0.0010 | 87.6 | 48.5 | 52.7 | 51.5 |
| 125 | A | 550 | 1,100 | 38,389 | 2.04 | 0.0023 | 107.3 | 25.4 | 31.8 | 49.4 |
| | B | 733 | 1,467 | 38,389 | 1.94 | 0.0023 | 107.3 | 31.8 | 36.3 | 49.3 |
| | C | 733 | 1,467 | 38,389 | 1.89 | 0.0024 | 107.3 | 36.3 | 42.4 | 51.9 |
| | D | 917 | 1,834 | 38,389 | 1.65 | 0.0022 | 107.3 | 42.4 | 50.8 | 51.8 |
| | E | 917 | 1,834 | 38,389 | 1.52 | 0.0025 | 107.3 | 50.8 | 61.2 | 51.8 |
| 162 | A | 2,011 | 4,022 | 29,233 | 5.12 | 0.011 | 138.9 | 41.3 | 50.8 | 81.5 |
| | B | 2,011 | 4,022 | 29,233 | 4.43 | 0.010 | 138.9 | 50.8 | 66.7 | 87.9 |
| | C | 2,011 | 4,022 | 29,233 | 2.93 | 0.008 | 138.9 | 66.7 | 88.9 | 88.1 |
| | D | 2,011 | 4,022 | 29,233 | 3.15 | 0.011 | 138.9 | 88.9 | 101.6 | 94.2 |
| 200 | A | 3,864 | 7,728 | 23,756 | 9.06 | 0.030 | 172.0 | 54.0 | 66.7 | 91.2 |
| | B | 3,864 | 7,728 | 23,756 | 6.46 | 0.025 | 172.0 | 66.7 | 92.1 | 85.1 |
| | C | 3,864 | 7,728 | 23,756 | 5.12 | 0.024 | 172.0 | 92.1 | 111.1 | 75.9 |
| | D | 3,864 | 7,728 | 23,756 | 5.26 | 0.028 | 172.0 | 111.1 | 123.8 | 82.0 |
| 250 | A | 7,649 | 15,298 | 19,067 | 17.21 | 0.089 | 219.1 | 63.5 | 82.6 | 120.1 |
| | B | 7,649 | 15,298 | 19,067 | 12.09 | 0.071 | 219.1 | 82.6 | 108.0 | 107.7 |
| | C | 7,649 | 15,298 | 19,067 | 9.46 | 0.061 | 219.1 | 108.0 | 123.8 | 91.7 |
| | D | 7,649 | 15,298 | 19,067 | 11.32 | 0.082 | 219.1 | 123.8 | 133.4 | 88.4 |
| 312 | A | 11,973 | 23,945 | 15,125 | 21.15 | 0.164 | 269.0 | 96.5 | 111.5 | 132.3 |
| | B | 14,966 | 29,931 | 15,125 | 22.22 | 0.180 | 269.0 | 111.5 | 119.6 | 132.7 |
| | C | 14,966 | 29,931 | 15,125 | 21.11 | 0.177 | 269.0 | 119.6 | 128.8 | 132.9 |
| | D | 17,959 | 35,918 | 15,125 | 21.66 | 0.200 | 269.0 | 128.8 | 144.0 | 132.9 |
| | E | 17,959 | 35,918 | 15,125 | 19.40 | 0.194 | 269.0 | 144.0 | 159.0 | 133.1 |
| 400 | A | 25,198 | 50,396 | 11,848 | 47.86 | 0.524 | 358.1 | 101.6 | 116.8 | 177.8 |
| | B | 31,497 | 62,995 | 11,848 | 52.34 | 0.628 | 358.1 | 116.8 | 133.4 | 177.8 |
| | C | 31,497 | 62,995 | 11,848 | 46.12 | 0.584 | 358.1 | 133.4 | 149.9 | 178.1 |
| | D | 39,545 | 79,090 | 11,848 | 54.00 | 0.810 | 358.1 | 149.9 | 168.9 | 193.3 |
| | E | 39,545 | 79,090 | 11,848 | 49.34 | 0.787 | 358.1 | 168.9 | 186.1 | 199.9 |
| | F | 39,545 | 79,090 | 11,848 | 45.24 | 0.770 | 358.1 | 186.1 | 204.5 | 212.6 |
| 500 | A | 47,244 | 94,487 | 9,485 | 91.60 | 1.27 | 375.2 | 114.3 | 134.4 | 220.9 |
| | B | 58,997 | 117,995 | 9,485 | 90.95 | 1.39 | 375.2 | 134.4 | 157.5 | 221.3 |
| | C | 70,616 | 141,231 | 9,485 | 88.00 | 1.42 | 375.2 | 157.5 | 177.8 | 240.9 |
| | D | 70,616 | 141,231 | 9,485 | 74.66 | 1.30 | 375.2 | 177.8 | 202.4 | 241.4 |
| | E | 70,616 | 141,231 | 9,485 | 69.44 | 1.37 | 375.2 | 202.4 | 222.3 | 241.9 |
| 562 | | 94,094 | 188,188 | 8,430 | 128.00 | 2.84 | 491.2 | 144.8 | 171.5 | 221.2 |
| 630 | | 123,498 | 246,997 | 7,556 | Contact CCA for more information | | | | | |
| 800 | | 245,573 | 491,146 | 5,966 | | | | | | |
| 1000 | | 463,860 | 927,720 | 4,672 | | | | | | |
| 1250 | | 906,196 | 1,812,392 | 3,719 | | | | | | |



*Hubs can be designed for shorter shafts and different A dimensions; consult CCA
 Weight and inertia are given for maximum bore
 Sizes larger than 500 are application specific; numbers listed are estimates
 Slip values are approximately 3X values shown
 Values given are subject to change

Materials

Hub body and collar - 4000 series or equivalent alloy steel heat treated to 896 MPa UTS minimum.