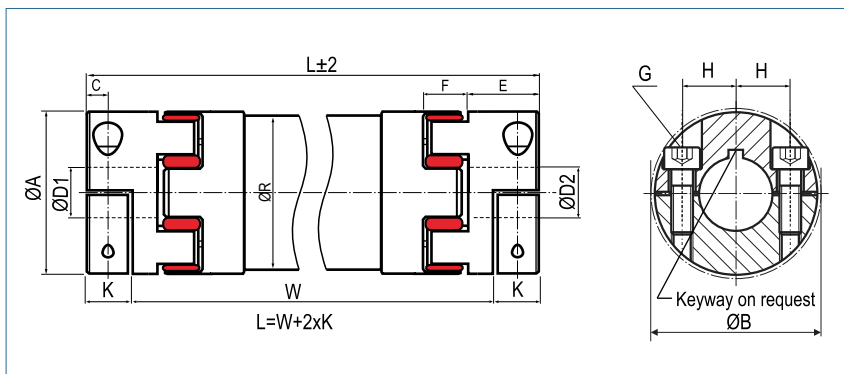


Line Shaft

with split hubs and servo inserts

optional laserwelded
optional full stainless steel version

optional with carbon tube



Order Code

DRE / 19 - 2000 - 10 - 16 - 98Sh

Type / Size Length ØD1 (H7) ØD2 (H7) Shore-hardness

| Size | Dimensions (mm) | | | | | | | | | | | Technical Data | | Torque (Nm) | | | | |
|------|-----------------|-----|-----|----|------|----|-----|------|-----|------|------|----------------|--------------|------------------|-------------------------|-----------------------|--------------------------|------------------------|
| | Ø D1/D2 | | Ø A | E | K | F | L | | R | B | C | H | G ISO4762 | CT/m (Nm/rad) | 64 ShoreD (green) | 98 ShoreA (red) | 92 ShoreA (yellow) | 80 ShoreA (blue) |
| | min | max | | | | | min | max | | | | | | | | | | |
| 9 | 4 | 11 | 20 | 10 | 8 | 10 | 90 | 3000 | 20 | 23.5 | 5 | 7 | M2.5 0.85 | 300 | 6 | 5 | 3 | 1.8 |
| 12 | 4 | 12 | 25 | 11 | 8 | 12 | 95 | 3000 | 25 | 27.2 | 5 | 8.25 | M3 2 | 550 | 12 | 9 | 5 | 3 |
| 14 | 4 | 16 | 30 | 11 | 8 | 13 | 102 | 3000 | 30 | 34 | 5 | 10.5 | M4 5 | 500 | 16 | 12.5 | 7.5 | 4 |
| 19 | 8 | 21 | 40 | 25 | 19.5 | 16 | 133 | 3000 | 35 | 46 | 8.0 | 14.5 | M6 15 | 1770 | 26 | 21 | 12 | 6 |
| 24 | 10 | 32 | 55 | 30 | 22.0 | 18 | 157 | 3000 | 50 | 57.5 | 10.5 | 20 | M6 15 | 6400 | 75 | 60 | 35 | 17 |
| 28 | 14 | 37 | 65 | 35 | 25.0 | 20 | 181 | 3000 | 60 | 73 | 11.5 | 25 | M8 40 | 11400 | 200 | 160 | 95 | 46 |
| 38 | 18 | 48 | 80 | 45 | 33.0 | 24 | 229 | 3000 | 75 | 83.5 | 15.5 | 30 | M8 40 | 23000 | 405 | 325 | 190 | x |
| 42 | 22 | 50 | 95 | 50 | 36.5 | 26 | 253 | 3000 | 100 | 93.5 | 18.0 | 32 | M10 84 | 194000 | 560 | 450 | 265 | x |
| 48 | 22 | 57 | 105 | 56 | 39.5 | 28 | 281 | 3000 | 100 | 105 | 18.5 | 36 | M12 145 | 194000 | 655 | 525 | 310 | x |

| Size | Transmittable torque (Nm) depending on shaft diameter (mm) | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|----|--|
| | 4 | 6 | 8 | 10 | 14 | 15 | 16 | 18 | 19 | 20 | 22 | 24 | 25 | 28 | 30 | 32 | 35 | 38 | 40 | 42 | 45 | 46 | 48 | 50 | 55 | |
| 9 | 2.6 | 3.9 | 5.2 | 6.5 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 5.8 | 8.7 | 11.7 | 14.6 | 20.4 | 21.8 | 23.3 | | | | | | | | | | | | | | | | | | | |
| 14 | 10.3 | 15.5 | 20.7 | 25.8 | 36.1 | 38.7 | 41.3 | | | | | | | | | | | | | | | | | | | |
| 19 | | | 47 | 59 | 83 | 89 | 95 | 107 | 113 | 119 | | | | | | | | | | | | | | | | |
| 24 | | | | 59 | 83 | 89 | 95 | 107 | 113 | 119 | 130 | 142 | 148 | 166 | 178 | 190 | | | | | | | | | | |
| 28 | | | | | 123 | 132 | 141 | 159 | 167 | 176 | 194 | 211 | 220 | 247 | 264 | 282 | 308 | 335 | | | | | | | | |
| 38 | | | | | | | 159 | 167 | 176 | 194 | 211 | 220 | 247 | 264 | 282 | 308 | 335 | 352 | 370 | 396 | | | | | | |
| 42 | | | | | | | | | | 370 | 404 | 420 | 471 | 505 | 538 | 589 | 639 | 673 | 706 | 757 | 774 | 807 | 841 | | | |
| 48 | | | | | | | | | | 539 | 588 | 612 | 686 | 735 | 784 | 857 | 931 | 980 | 1029 | 1102 | 1127 | 1176 | 1225 | 1347 | | |

Material hub: aluminium
spider element: polyurethane
tube: aluminium

Hub bore tolerance: H7

Keyway optional acc. DIN 6885

Longer versions up to 6m on request!
Information about permissible misalignments and maximum speeds are available in our assembly - instructions.
Further spider elements and technical data are available on page 44 and 45.
All series are available with loose-fit spiders (see page 45).