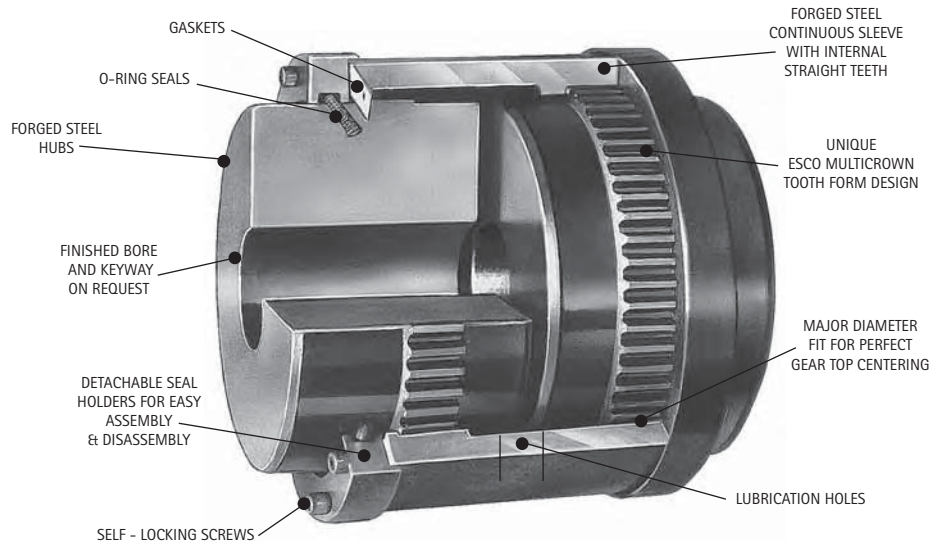


SERIES C and C... M

The most compact solution

Maximum torque: up to 174 000 Nm
Bores: up to 290 mm

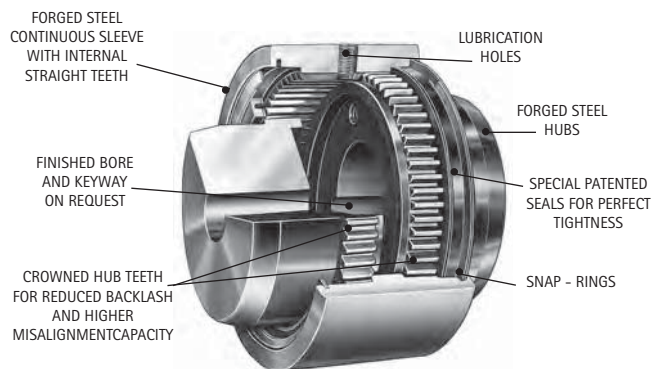
COMPACT
SIMPLE AND ROBUST
EASY TO ASSEMBLE



Maximum torque: up to 8 500 Nm
Bores: up to 110 mm

COMPACT
SIMPLE AND ROBUST
ONLY 7 PARTS:

*Two snap rings
Two hubs and one sleeve
Two seals*

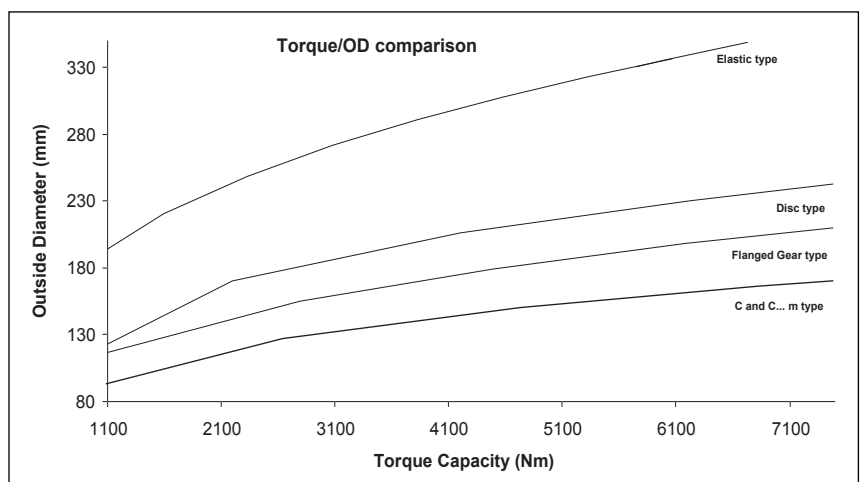


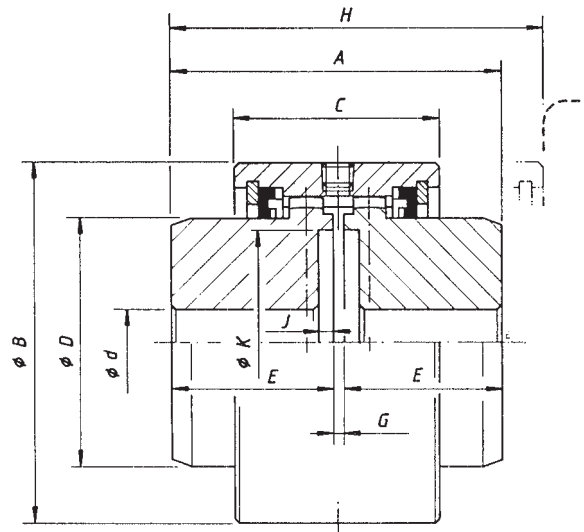
Most compact solution

Thanks to the high torque capacity and the continuous sleeve design, the escogear C and C... M couplings are the most compact answer to any transmission applications. In comparison to other types of couplings and for a given torque they have a substantially lower weight and reduced outside diameter:










- <-> Flanged Gear type : 17% smaller O.D.
- <-> Disc type : 30% smaller O.D.
- <-> Elastic type : 52% smaller O.D.

This compactness makes the escogear C series ideal for use in applications where space is limited and weight important

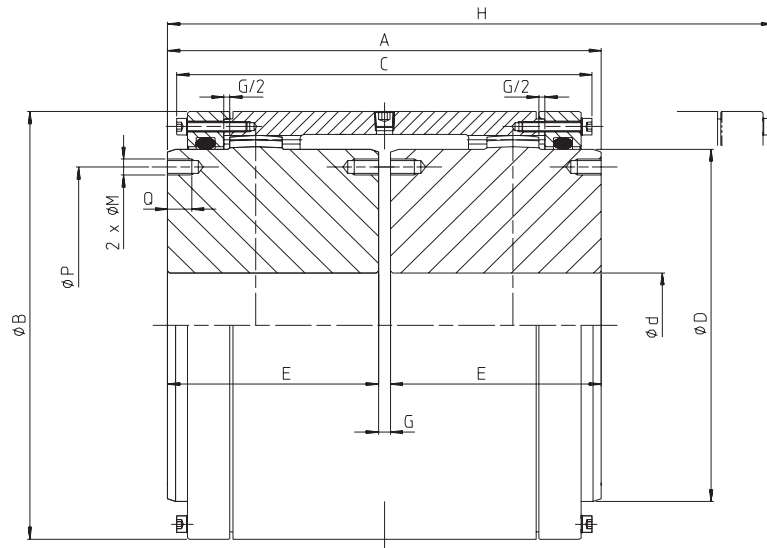




∠ max. 1,5°

|  ←A150 | | | Type CST | | | | | |
|--|------------------|----------------------------------|----------|--------|--------|--------|--------|--------|
| | | | 30 | 40 | 55 | 65 | 80 | 100 |
|  | d Ø nominal max. | mm | 32 | 42 | 57 | 70 | 85 | 100 |
| | d Ø min. | mm | 0 | 0 | 22 | 25 | 38 | 38 |
| | * d Ø max. | mm | 35 | 42 | 63 | 75 | 90 | 110 |
|  | Tn | Nm | 550 | 1100 | 1970 | 3240 | 5600 | 8500 |
| | Tp | | 1100 | 2200 | 3940 | 6480 | 11200 | 17000 |
|  | 3.1 | tr/min omw/min rpm | 5500 | 5100 | 4400 | 4000 | 3600 | 3400 |
| | 3.2 | min. ⁻¹ | 7750 | 7200 | 6200 | 5600 | 5100 | 4800 |
|  | — | degré graad degree Grad | 2x0,75 | 2x0,75 | 2x0,75 | 2x0,75 | 2x0,75 | 2x0,75 |
|  | — | mm | 0,1 | 0,14 | 0,14 | 0,19 | 0,22 | 0,23 |
|  | 4 | kgm ² | 0,002 | 0,004 | 0,010 | 0,022 | 0,052 | 0,122 |
|  | 5 | kg | 2 | 3,4 | 6 | 9,1 | 15 | 29 |
|  | 6 | dm ³ | 0,022 | 0,036 | 0,063 | 0,114 | 0,201 | 0,270 |
| mm: ± | A | mm | 80 | 95 | 110 | 120 | 140 | 222 |
| | B | mm | 84 | 95 | 120 | 140 | 168 | 190 |
| | C | mm | 50 | 65 | 68 | 80 | 95 | 102 |
| | D | mm | 50,9 | 60,4 | 82,6 | 100 | 121 | 143 |
| | E | mm | 38,5 | 46 | 53,5 | 57 | 67 | 108 |
| | G | mm | 3 | 3 | 3 | 6 | 6 | 6 |
| | H | mm | 96 | 117 | 124 | 146 | 175 | 223 |
| | J | mm | 3 | 5 | 5 | 6 | 6 | 6 |
| K | mm | 49 | 57 | 76 | 95 | 121 | 140 | |

* Consult us



∠ max. 1,5°

| ← A150 | | Type CST ... M | | | | | | | | |
|--------|-------------------------|----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | 110 | 130 | 155 | 175 | 195 | 215 | 240 | 275 | |
| | d Ø nominal max. | mm | 110 | 130 | 155 | 175 | 195 | 215 | 240 | 275 |
| | d Ø min. | mm | 0 | 55 | 65 | 80 | 90 | 100 | 120 | 150 |
| | * d Ø max. | mm | 112 | 132 | 158 | 175 | 198 | 217 | 244 | 290 |
| | Tn | Nm | 16000 | 22000 | 32000 | 45000 | 62000 | 84000 | 115000 | 174000 |
| | 1m Tp | | 32000 | 44000 | 64000 | 90000 | 124000 | 168000 | 230000 | 348000 |
| | /min.max. | 3.1 tr/min omw/min | 3350 | 3100 | 2800 | 2700 | 2550 | 2450 | 2300 | 2150 |
| | | 3.2 rpm min ⁻¹ | 4700 | 4350 | 4000 | 3800 | 3600 | 3450 | 3300 | 3050 |
| | α | degré graad degree Grad | 2 x 0,75 | 2 x 0,75 | 2 x 0,75 | 2 x 0,75 | 2 x 0,75 | 2 x 0,75 | 2 x 0,75 | 2 x 0,75 |
| | — | mm | 0,7 | 0,9 | 1 | 1,1 | 1,2 | 1,4 | 1,5 | 1,7 |
| | J (WR ²) | kgm ² | 0,159 | 0,340 | 0,735 | 1,25 | 2,19 | 3,49 | 5,33 | 10,90 |
| | | kg | 35 | 51 | 81 | 111 | 153 | 207 | 262 | 398 |
| | | dm ³ | 0,36 | 0,52 | 0,80 | 0,98 | 1,51 | 2,02 | 2,43 | 3,29 |
| mm: ± | A | mm | 185 | 216 | 246 | 278 | 308 | 358 | 388 | 450 |
| | B | mm | 186 | 216 | 254 | 282 | 317 | 346 | 376 | 436 |
| | C | mm | 174 | 206 | 227 | 254 | 276 | 319 | 346 | 383 |
| | D | mm | 151 | 178 | 213 | 235 | 263 | 286 | 316 | 372 |
| | E | mm | 90 | 105 | 120 | 135 | 150 | 175 | 190 | 220 |
| | G | mm | 5 | 6 | 6 | 8 | 8 | 8 | 8 | 10 |
| | H | 10 mm | 313 | 368 | 415 | 468 | 516 | 602 | 657 | 743 |
| | M | mm | | | | M12 | M16 | M16 | M16 | M20 |
| | P | mm | | | | 205 | 226 | 250 | 276 | 330 |
| | Q | mm | | | | 18 | 24 | 24 | 24 | 30 |

* Consult us