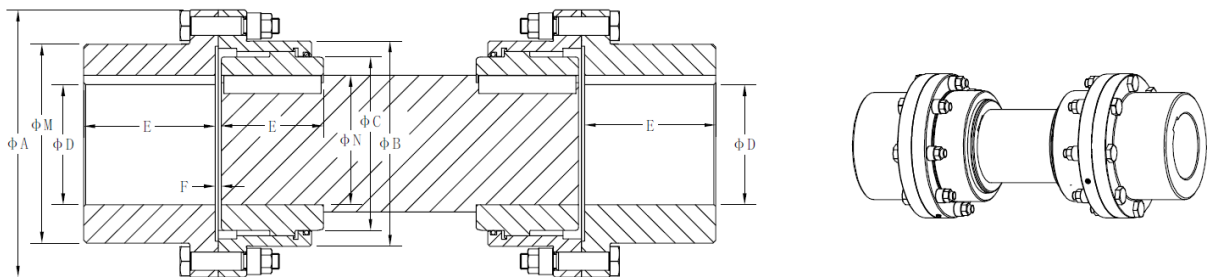


Floating shaft assemblies are used when the distance between equipment is too great for spacer couplings. A standard floating shaft assembly consists of two standard single engagement couplings, two gap discs and a connecting shaft. A floating shaft can eliminate the need for additional bearing supports along spanning shafts, because the shaft is supported by connected equipment through the single engagement couplings.

SERIES ZSZ I SIZE 10 - 65

Floating Shaft



| Size | TN Nm (1) | TP Nm (1) | n Max rpm(2) | A | B | C | D Max (3) | E | F | M | N Max (3) | Weight Max Kg (4) | Weight /1000mm Spacer Kg | Weight Min Kg (5) | Inertia J Inertia J Kg ^m 2 (4) | Inertia / 1000mm Spacer Kg ^m 2 |
|------|--------------|--------------|------------------|-----|-------|-----|--------------|-----|----|-----|--------------|-------------------------|-----------------------------------|-------------------------|---|---|
| 10 | 2,937 | 5,940 | REFER TO CATALOG | 111 | 82.5 | 69 | 55 | 43 | 3 | 80 | 52 | 27 | 2.0 | 25 | 0.018 | 0.001 |
| 15 | 4,604 | 9,108 | | 141 | 104.5 | 85 | 70 | 50 | 3 | 100 | 62 | 42 | 2.8 | 40 | 0.048 | 0.002 |
| 20 | 9,240 | 18,315 | | 171 | 127.5 | 107 | 90 | 62 | 3 | 125 | 78 | 68 | 4.4 | 63 | 0.117 | 0.004 |
| 25 | 14,025 | 28,710 | | 210 | 156 | 133 | 105 | 76 | 5 | 148 | 98 | 111 | 6.8 | 103 | 0.30 | 0.01 |
| 30 | 23,100 | 46,530 | | 234 | 181.5 | 152 | 120 | 90 | 5 | 173 | 112 | 150 | 8.6 | 137 | 0.54 | 0.01 |
| 35 | 37,950 | 75,240 | | 274 | 210.5 | 178 | 145 | 105 | 6 | 204 | 132 | 227 | 12.3 | 206 | 1.18 | 0.03 |
| 40 | 57,915 | 114,840 | | 312 | 248.5 | 209 | 170 | 120 | 6 | 242 | 156 | 321 | 17.0 | 292 | 2.28 | 0.06 |
| 45 | 73,260 | 145,200 | | 337 | 274 | 234 | 190 | 135 | 8 | 268 | 174 | 404 | 21.1 | 366 | 3.47 | 0.09 |
| 50 | 113,025 | 230,340 | | 380 | 308.5 | 254 | 215 | 150 | 8 | 302 | 190 | 535 | 24.9 | 485 | 6.13 | 0.13 |
| 55 | 139,590 | 276,540 | | 405 | 334 | 279 | 230 | 175 | 8 | 327 | 210 | 669 | 30.4 | 600 | 9.01 | 0.19 |
| 60 | 249,150 | 501,600 | | 444 | 365.5 | 305 | 250 | 190 | 8 | 354 | 233 | 820 | 37.3 | 727 | 12.18 | 0.28 |
| 65 | 339,075 | 671,550 | | 506 | 424 | 355 | 290 | 220 | 10 | 410 | 275 | 1,199 | 51.1 | 1,039 | 25.66 | 0.53 |

- ✓ From size 45 (included) the coupling is supplied by default with puller holes. If required, puller holes can also be made for smaller sizes.
- ✓ Setscrews can be included upon request.
- ✓ Adapted hub length available upon request.

- (1) The torque of the coupling does not include the connection transmission capacity.
- (2) n MAX speed for balanced couplings. For higher speeds contact Feinnord.
- (3) Max. allowable bore for couplings with DIN 6885/1 key. For other types of keys or connections please contact Feinnord.
- (4) Weight and moment of inertia are given for minimum bore.
- (5) Weight is given for maximum bore.