

Double flanged type

Overall length to ISO 5752 short, basic series 13 (BS 5155 flanged short, DIN 3202-F16)

Flange connection to ISO 7005-2 (BS EN 1092-2: 1997, DIN 2501)

Use:

For water and neutral liquids to max. 120°C

Tests:

Hydraulic test:

Disc sealing: 1.1 x PN

Disc strength: 1.1 x PN

Body: 1.5 x PN (Min.)

Function test: 1 x open/close

Actuation:

Lever

Wormgear, with handwheel

Pneumatic actuator (Single/double acting)

Electric actuator

Extension spindle

See separate data sheets

Approvals:

DVGW

KIWA - NL

WRC approved

SVGW

JKR

Materials:

Body Ductile iron, GGG-40, to DIN 1693 (BS 2789 grade 420-12)

External coating Epoxy 200 µ, ral 5017

Lining EPDM vulcanized to the body

Disc DN ≤ 300: Stainless steel AISI 431 (BS 431S29)

DN ≥ 350: Ductile iron, GGG-40, to DIN 1693, (BS 2789 grade 420 - 12 min.), coated with 340 µ epoxy

Shaft and conical pin Stainless steel AISI 431 (BS 431S29)

Top shaft sealing DN ≤ 350: 2 EPDM O-rings placed in a bushing of bronze RG10

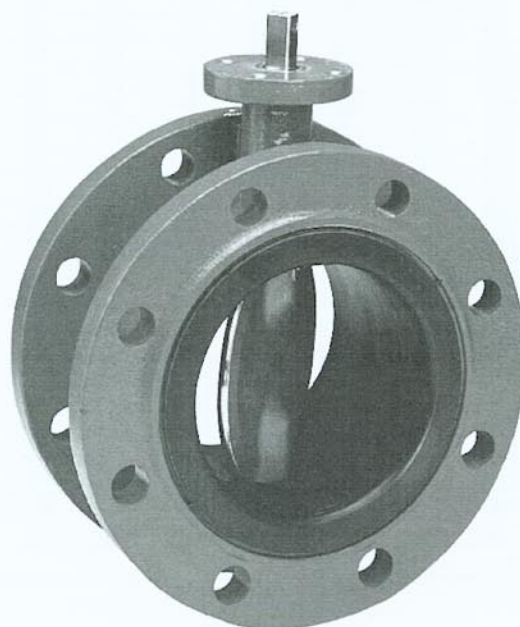
DN ≥ 400: EPDM O-ring placed in a bushing fixed with countersunk screws of galvanized steel 8.8

Bottom shaft sealing DN ≤ 350: Plug of galvanized steel 8.8 with one copper sealing ring.

DN ≥ 400: Axial bearing and ring of alu bronze, EPDM O-ring. Cover plate and screws of galvanized steel 8.8

Top and bottom bearing Steel permaglide P10 coated with PTFE

For additional information see technical data sheet



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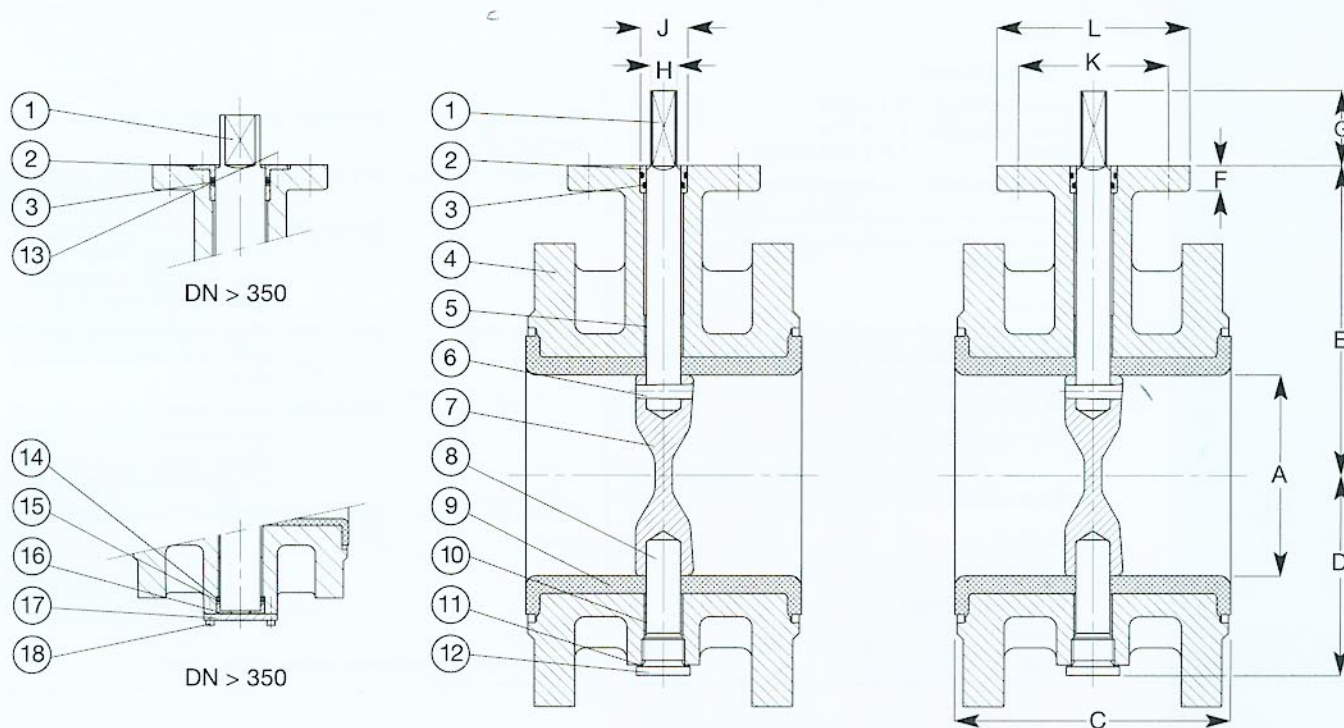
Flange connection to ISO 7005-2 (BS EN 1092-2: 1997, DIN 2501)

Component list

1. Shaft
2. Bushing
3. O-ring
4. Body
5. Bearing
6. Conical pin

7. Disc
8. Shaft
9. Lining
10. Bearing
11. Sealing ring
12. Plug

13. Screw
14. Ring
15. O-ring
16. Axial bearing
17. Cover plate
18. Screw



| Ref. nos. | DN | A mm | C mm | D mm | E mm | F mm | G mm | H mm | J mm | K mm | L mm | Top flange | | | Weight kilos |
|------------------|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|-------|----------|-----------------|
| | | | | | | | | | | | | ds mm | Holes | ISO 5211 | |
| 75-040-411041009 | 40 | 40 | 106 | 58 | 113 | 12 | 34 | 10 | 18 | 70 | 90 | 9 | 4 | F07 | 8.0 |
| 75-050-411041009 | 50 | 50 | 108 | 63 | 118 | 12 | 34 | 10 | 18 | 70 | 90 | 9 | 4 | F07 | 8.5 |
| 75-065-411041009 | 65 | 65 | 112 | 71 | 126 | 12 | 34 | 10 | 18 | 70 | 90 | 9 | 4 | F07 | 9.0 |
| 75-080-411041009 | 80 | 80 | 114 | 78 | 133 | 12 | 34 | 10 | 18 | 70 | 90 | 9 | 4 | F07 | 11.0 |
| 75-100-411041009 | 100 | 100 | 127 | 96 | 147 | 12 | 34 | 12 | 22 | 70 | 90 | 9 | 4 | F07 | 13.0 |
| 75-125-411041009 | 125 | 125 | 140 | 109 | 160 | 12 | 34 | 12 | 22 | 70 | 90 | 9 | 4 | F07 | 17.0 |
| 75-150-411041009 | 150 | 150 | 140 | 133 | 180 | 14 | 34 | 16 | 30 | 70 | 90 | 9 | 4 | F07 | 23.0 |
| 75-200-411040009 | 200 | 200 | 152 | 158 | 204 | 14 | 34 | 16 | 30 | 70 | 90 | 9 | 4 | F07 | 32.0 |
| 75-250-411040009 | 250 | 250 | 165 | 194 | 245 | 15 | 45 | 24 | 38 | 102 | 125 | 11 | 4 | F10 | 50.0 |
| 75-300-411040009 | 300 | 300 | 178 | 219 | 270 | 15 | 45 | 24 | 38 | 102 | 125 | 11 | 4 | F10 | 65.0 |
| 75-350-411240009 | 350 | 336 | 190 | 256 | 315 | 15 | 45 | 24 | 38 | 102 | 125 | 11 | 4 | F10 | 95.0 |
| 75-400-411240009 | 400 | 386 | 216 | 308 | 363 | 25 | 50 | 30 | 90 | 140 | 175 | 17 | 4 | F14 | 130.0 |
| 75-450-411240009 | 450 | 436 | 222 | 334 | 388 | 25 | 50 | 30 | 90 | 140 | 175 | 17 | 4 | F14 | 150.0 |
| 75-500-411240009 | 500 | 486 | 229 | 360 | 413 | 25 | 50 | 30 | 90 | 140 | 175 | 17 | 4 | F14 | 200.0 |
| 75-600-411240009 | 600 | 586 | 267 | 426 | 510 | 25 | 50 | 40 | 100 | 140 | 175 | 17 | 4 | F14 | 300.0 |
| 75-700-411240009 | 700 | 686 | 292 | 480 | 560 | 25 | 60 | 46 | 110 | 165 | 210 | 21 | 4 | F16 | 380.0 |
| 75-800-411240009 | 800 | 786 | 318 | 525 | 610 | 25 | 60 | 46 | 110 | 165 | 210 | 21 | 4 | F16 | 500.0 |
| 75-900-411240009 | 900 | 886 | 330 | 635 | 690 | 30 | 90 | 60 | 130 | 254 | 300 | 17 | 8 | F25 | 660.0 |
| 75-010-411240009 | 1000 | 986 | 410 | 685 | 740 | 30 | 90 | 60 | 130 | 254 | 300 | 17 | 8 | F25 | 900.0 |
| 75-012-411240009 | 1200 | 1186 | 470 | 870 | 855 | 35 | 85 | 75 | 150 | 298 | 350 | 21 | 8 | F30 | 1300.0 |
| 75-014-411240009 | 1400 | 1386 | 530 | 970 | 955 | 35 | 100 | 90 | 165 | 356 | 415 | 31 | 8 | F35 | 1800.0 |
| 75-016-411240009 | 1600 | 1586 | 600 | 1096 | 1079 | 50 | 120 | 105 | 200 | 406 | 475 | 38 | 8 | F40 | 2500.0 |

0 = PN 10 1 = PN 16.

Bigger sizes on request.