

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

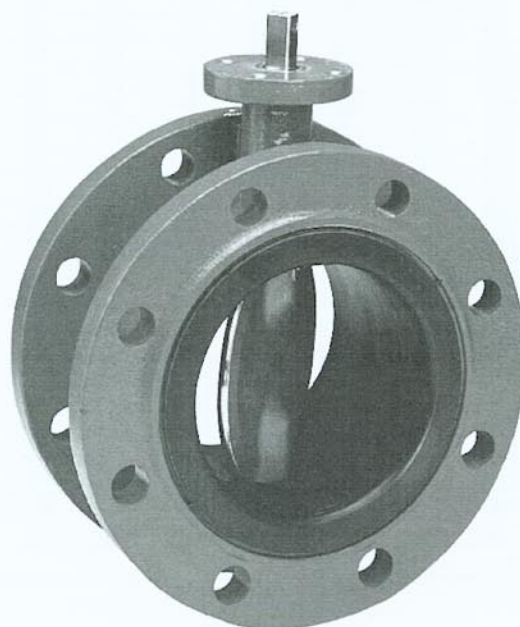
DN ≥ 400: EPDM O-ring placed in a bushing fixed with countersunk screws of galvanized steel 8.8

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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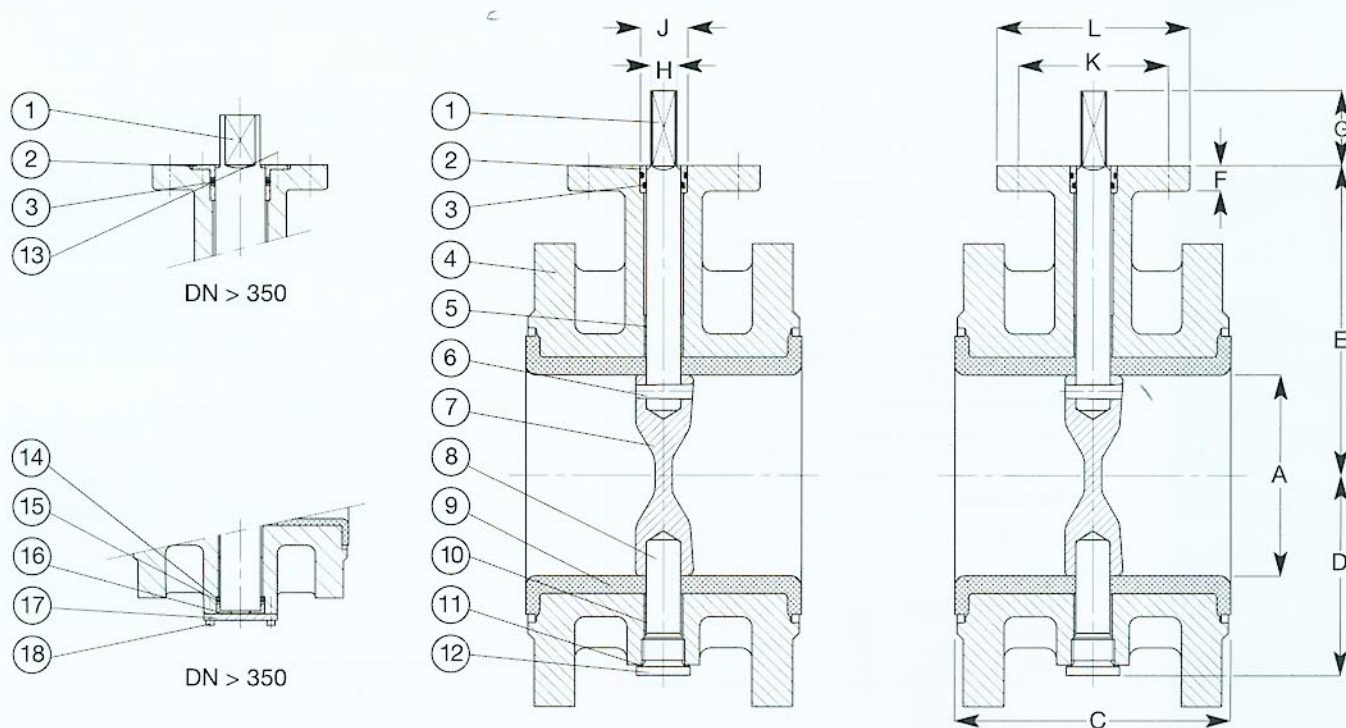
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Component list

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

L=0 = PN 10 1 = PN 16.

Bigger sizes on request.