



AVK CENTRIC WAFER BUTTERFLY VALVE, PN 10/16

75/10-020

Fixed EPDM liner, duplex/rilsan coated disc

AVK centric butterfly valves with fixed liner feature an outstanding seating concept. The rubber is injection moulded directly on the valve body forming a permanent bond. Consequently, there is no risk of deformation or dislocation of the liner making the valves suitable under vacuum conditions. The combination of the profiled disc edge and the excellent AVK rubber quality ensures maximum durability of the liner.

Product description:

Centric butterfly valve with fixed liner - Wafer - duplex/rilsan coated disc for water and neutral liquids to max. 110°C

Standards:

- Face-to-face dimension according to EN 558 table 5 basic series 20
- End connection to EN1092, PN6/10/16, AS2129 TabD/E, ASME B16.1 CL150

Test/Approvals:

- Hydraulic test according to EN 1074-1 and 2 / EN 12266
- Approved according to KIWA Certificate K 6070/08
- Approved according to DIN-DVGW Certificate NW-6201DL0202

Features:

- Bonded vulcanized liner of drinking water approved EPDM with an excellent compression set and thus ability to regain its original shape
- Streamlined disc with minimum flow resistance
- Profiled disc edge requires minimal deformation of the liner to achieve tight sealing, and results in less wear of the liner
- Disc, shaft and conical pin of duplex steel in DN≤200. Disc of rilsan coated ductile iron, and shaft and conical pin of stainless steel in DN≥250
- Shaft bearings of PTFE coated steel
- Top shaft sealing: DN≤350: Bronze bushing with two EPDM O-rings, DN≥400: EPDM O-ring in bushing fixed with countersunk screws of galvanized steel
- Bottom shaft sealing: DN≤350: Plug of galvanized steel with a copper sealing ring, DN≥400: Axial bearing and ring of alubronze and an EPDM O-ring, protected by a cover plate of galvanized steel
- Low torques as a result of the profiled disc edge and fixed liner design
- Ductile iron body with 200 µ epoxy coating blue RAL 5017

Accessories:

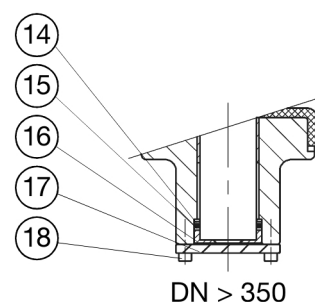
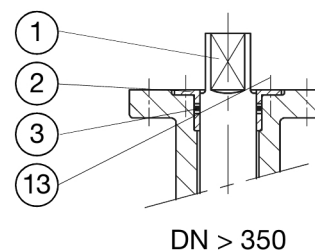
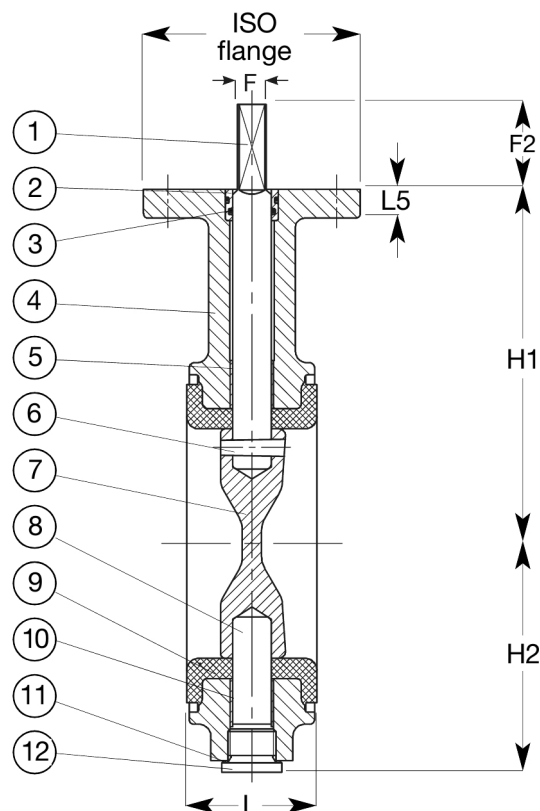
Lever, gearbox, pneumatic and electric actuators, universal Supa flange adaptor, dedicated tensile Supa Plus™ flange adaptor for PE/PVC, universal tensile Supa Maxi™ flange adaptor



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The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.


Component list:

1. Shaft	Stainless steel, duplex	10. Bearing	Steel, PTFE coated
2. Bushing	Bronze	11. Seal ring	Copper
3. O-ring	EPDM rubber	12. Plug	Steel, galvanized
4. Body	Ductile iron GJS-400-15	13. Screw	Steel, galvanized
5. Bearing	Steel, PTFE coated	14. Ring	Alu-bronze
6. Conical pin	Stainless steel, duplex	15. O-ring	EPDM rubber
7. Disc	Ductile iron/duplex SS	16. Thrust bearing	Alu-bronze
8. Shaft	Stainless steel, duplex	17. Cover plate	Steel, galvanized
9. Liner	EPDM rubber	18. Screw	Steel, galvanized

Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

AVK ref. no.	DN mm	Product PN Class	L mm	H1 mm	H2 mm	F mm	F2 mm	L5 mm	Actuator flange	Theoretical weight/kg
75-0040-10-223002614200 ⁽¹⁾	40	PN16	43	118	63	10	34	12	90	2.6
75-0050-10-223002614200 ⁽¹⁾	50	PN16	43	118	63	10	34	12	90	3.0
75-0065-10-223002614200 ⁽¹⁾	65	PN16	46	126	71	10	34	12	90	3.2
75-0080-10-223002614200 ⁽¹⁾	80	PN16	46	133	78	10	34	12	90	3.5
75-0100-10-223002614200 ⁽¹⁾	100	PN16	52	147	98	12	34	12	90	4.5
75-0125-10-223002614200 ⁽¹⁾	125	PN16	56	160	109	12	34	12	90	6.3
75-0150-10-223002614200 ⁽¹⁾	150	PN16	56	180	133	16	34	14	90	8.8
75-0200-10-223001314200 ⁽¹⁾	200	PN10	60	204	158	16	34	14	90	13
75-0250-10-225101314200	250	PN10	68	245	194	24	45	15	125	22
75-0300-10-225101314200	300	PN10	78	270	219	24	45	15	125	32
75-0350-10-225101314200	350	PN10	78	315	256	24	45	15	125	40
75-0400-10-225101314200	400	PN10	102	353	308	30	50	25	175	75
75-0450-10-225101314200	450	PN10	114	388	334	30	50	25	175	90
75-0500-10-225101314200	500	PN10	127	413	360	30	50	25	175	120
75-0600-10-225101314200	600	PN10	154	510	426	40	50	25	175	180
75-0700-10-225101314200	700	PN10	165	560	480	46	60	25	210	295

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AVK ref. no.	DN	Product	L	H1	H2	F	F2	L5	Actuator	Theoretical
	mm	PN Class	mm	mm	mm	mm	mm	mm	flange	weight/kg
75-0800-10-225101314200	800	PN10	190	610	525	46	60	25	210	345
75-0900-10-225101314200	900	PN10	203	690	635	60	90	30	300	475
75-1000-10-225101314200	1000	PN10	216	740	685	60	90	30	350	635

(1) Disc material in duplex