



AVK CENTRIC DOUBLE FL. BUTTERFLY VALVE, PN 10/16

75/20-023

Short, fixed NBR liner, duplex disc, FM approved

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 - double flanged short - duplex disc - FM approved for fire protection applications to max. 70° C

Standards:

- Face-to-face dimension according to EN 558 table 4 basic series 13
- Flange drilling to EN1092, PN16

Test/Approvals:

- Hydraulic test according to FM
- Approved according to FM

Features:

- Bonded vulcanized liner of NBR 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.
- Shaft bearings of PTFE coated steel.
- Top shaft sealing consisting of a bronze bushing with two EPDM O-rings
- Bottom shaft sealing consisting of a plug of galvanized steel with a copper sealing ring
- Low torques as a result of the profiled disc edge and fixed liner design.
- Ductile iron body with 200 µ epoxy coating red RAL 3000.

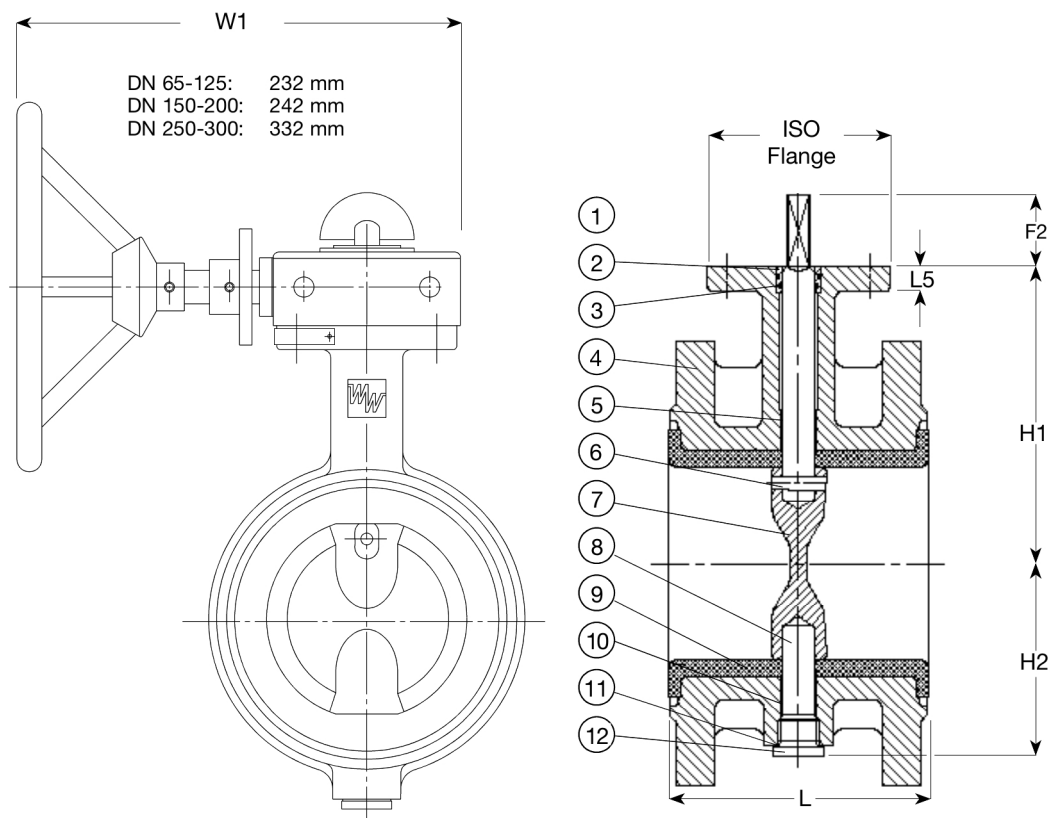
Accessories:

Integrated limit switches



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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	7. Disc	Stainless steel, duplex
2. Bushing	Bronze	8. Shaft	Stainless steel, duplex
3. O-ring	EPDM rubber	9. Liner	NBR rubber
4. Body	Ductile iron GJS-400-15	10. Bearing	Steel, PTFE coated
5. Bearing	Steel, PTFE coated	11. Seal ring	Copper
6. Conical pin	Stainless steel, duplex	12. Plug	Steel, galvanized

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

Reference nos. and dimensions:

AVK ref. no.	DN	Flange	L	H1	H2	F2	L5	Actuator	Theoretical
	mm	drilling	mm	mm	mm	mm	mm	flange	weight/kg
75-0050-20-213002600204 ⁽¹⁾	50	PN16	108	118	63	34	12	90	8.0
75-0065-20-213002600204 ⁽¹⁾	65	PN16	112	126	71	34	12	90	9.0
75-0080-20-213002600204 ⁽¹⁾	80	PN16	114	133	78	34	12	90	11
75-0100-20-213002600204 ⁽¹⁾	100	PN16	127	147	98	34	12	90	13
75-0125-20-213002600204 ⁽¹⁾	125	PN16	140	160	109	34	12	90	17
75-0150-20-213002600204 ⁽¹⁾	150	PN16	140	180	133	34	14	90	23
75-0200-20-213001300204 ⁽¹⁾	200	PN10	152	204	158	34	14	90	32
75-0200-20-213002600204 ⁽¹⁾	200	PN16	152	204	158	34	14	90	32
75-0250-20-213001300204 ⁽¹⁾	250	PN10	165	245	194	45	15	125	50
75-0250-20-213002600204 ⁽¹⁾	250	PN16	165	245	194	45	15	125	50
75-0300-20-213001300204 ⁽¹⁾	300	PN10	178	270	219	45	15	125	65
75-0300-20-213002600204 ⁽¹⁾	300	PN16	178	270	219	45	15	125	65

(1) Disc material in duplex