



## AVK CENTRIC SEMI LUG BUTTERFLY VALVE, PN 10/16

75/31-020

Fixed EPDM liner, duplex/rilsan coated disc, DN50-200



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 - semi lug - duplex 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 EN 1092-2 PN 10/16

### Test/Approvals:

- Hydraulic test according to EN 1074-1 and 2 / EN 12266
- Approved according to DIN-DVGW Certificate NW-6201AP2412
- Approved according to KIWA Certificate K 6070/05



### 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

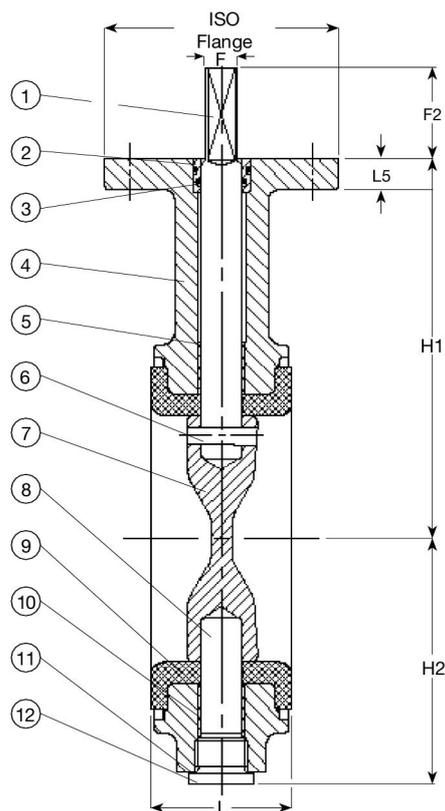


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**Component list:**

1. Shaft	Duplex steel	7. Disc	DN 200 Duplex SS, DN 250 DI
2. Bushing	Bronze	8. Shaft	Duplex steel
3. O-ring	EPDM rubber	9. Liner	EPDM rubber
4. Body	Ductile iron GJS-400-15 (GGG-40)	10. Bearing	Steel, PTFE coated
5. Bearing	Steel, PTFE coated	11. Seal ring	Copper
6. Conical pin	Duplex steel	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 mm	Product PN Class	L mm	H1 mm	H2 mm	F mm	F2 mm	L5 mm	ISO Flange	Theoretical weight / kg
75-0050-31-223002614200	50	PN16	43	152	63	10	34	12	90	3.1
75-0065-31-223002614200	65	PN16	46	160	71	10	34	12	90	3.9
75-0080-31-223002614200	80	PN16	46	167	78	10	34	12	90	4.2
75-0100-31-223002614200	100	PN16	52	189	98	12	34	12	90	5.5
75-0125-31-223002614200	125	PN16	56	202	109	12	34	12	90	7.5
75-0150-31-223002614200	150	PN16	56	224	133	16	34	14	90	10
75-0200-31-223001314200	200	PN10	60	348	158	16	34	14	90	14