



## AVK WAFER BUTTERFLY VALVE, CONCENTRIC WITH LOOSE LINER, PN 10/16

76/70

002

DN 50-300, EPDM liner for drinking water, SS 1.4408 disc, square shaft

AVK's Series 76 range of concentric butterfly valves are available in wafer and lug design with lever and gearbox. They provide a cost effective solution to our customers while also manufactured to the expected quality standard associated with the AVK brand. The design is with anti-blowout shaft, hexagon connection, low friction bearings and an EPDM liner with reinforced seating area and profiled flange gaskets.

### Product Description:

Concentric butterfly valve with loose liner for drinking water and neutral liquids to max. 70°C

### Standards:

- Designed according to EN 593
- Face to face according to EN 558 Table 2 Basic Series 20
- End connection to EN1092-2 PN 6/10/16, AS2129 TabD/E, ASME B16.1 CL150

### Test/Approvals:

- Hydraulic test according to EN 12266-1, P10/P12
- Approved for drinking water / pressure test EN 12266-1

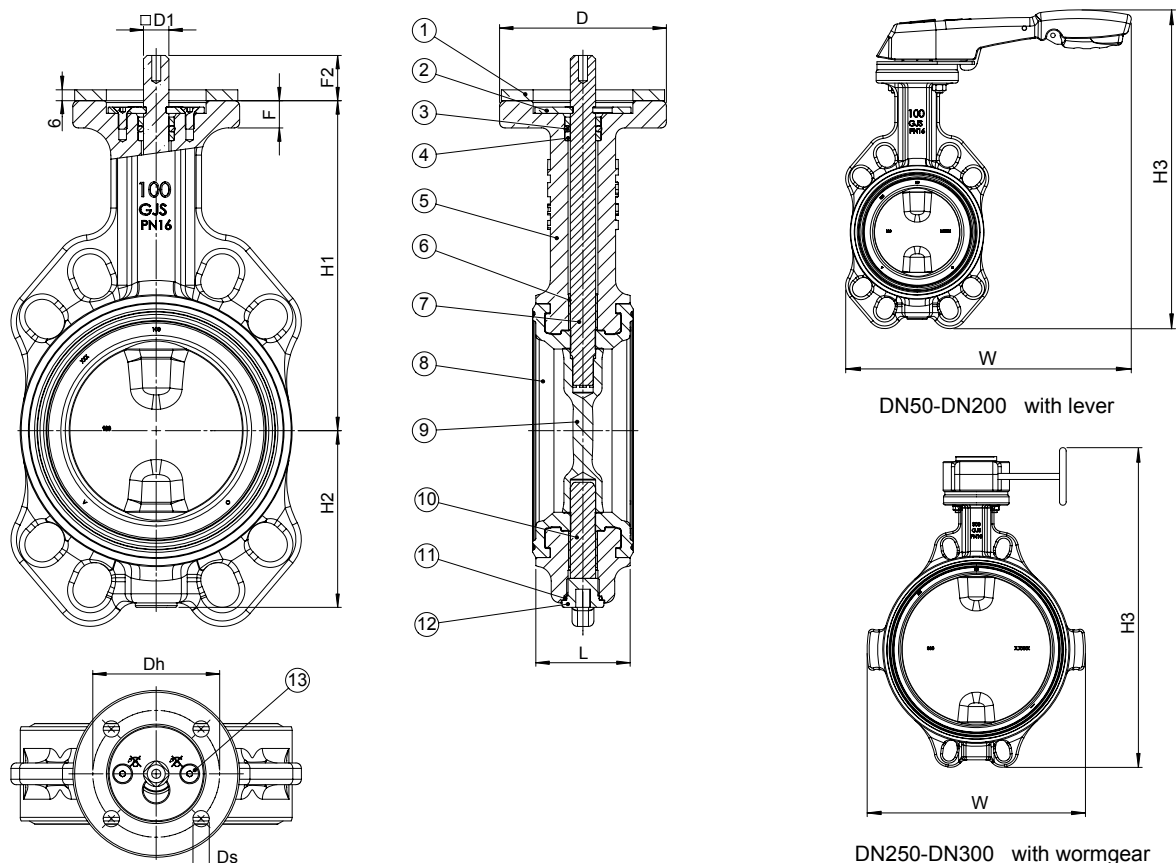
### Features:

- Ductile iron body with long neck for insulation
- Anti-blowout 2-stub shaft with uneven hexagon for safe assembly
- Both shafts carried by low friction PTFE coated bearings
- Loose liner of drinking water approved EPDM with reinforced seating area and integrated, profiled flange gaskets. The shaft holes are dimensioned to create compression around the shaft.
- Slim disc design with internal hexagon for drive shaft connection
- Dew point blocker for heat insulation from lever or wormgear
- Anti blow-out plate at the top and a plug at the bottom
- Two POM bearings and an EPDM O-ring at the top as backup sealing
- 350 µm epoxy coating, RAL 5017
- Lever of high strength reinforced synthetic material with 10 position notch plate (DN 50-200)
- Self locking gearbox with handwheel, adjustable end stops and mechanical position indicator (DN 250-300)

### Accessories:

Gearbox and handwheel, pneumatic actuator, electric actuator




**Component List:**

1. Dew point blocker	PP	2. Plate	POM
3. O-ring	EPDM	4. Ring	POM
5. Body	Ductile iron, EN-GJS-500-7(GGG-50)	6. Bearing	Steel/PTFE
7. Drive shaft	Stainless steel 1.4021	8. Loose liner	EPDM
9. Disc	Stainless steel 1.4408	10. Stub shaft	Stainless steel 1.4021
11. O-ring	NBR	12. Plug	POM
13. Countersunk screw	Stainless steel A2		

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

**Reference Nos. and Dimensions:**

AVK ref. nos	DN mm	Product PN Class	L mm	F mm	F2 mm	D mm	D1 mm	Dh mm	Ds mm	H1 mm	H2 mm	H3 mm	W mm	Theoretic. weight kg
76-0050-70-817402690305	50	PN16	43	12	18	67	9	50	7	125	65	251	257	2.7
76-0065-70-817402690305	65	PN16	46	12	18	67	9	50	7	150	78	297	263	3.4
76-0080-70-817402690305	80	PN16	46	12	18	67	9	50	7	157	85	312	266	4.0
76-0100-70-817402690305	100	PN16	52	15	25	92	11	70	9	182	98	357	320	6.0
76-0125-70-817402690305	125	PN16	56	15	25	92	14	70	9	201	114	390	330	7.7
76-0150-70-817402690305	150	PN16	56	15	25	92	14	70	9	214	127	414	342	9.0
76-0200-70-817402690305	200	PN16	60	18	31	92	17	70	9	245	158	482	519	14
76-0250-70-817402690303 <sup>(1)</sup>	250	PN16	68	20	38	130	22	102	11	283	194	574	376	25
76-0250-70-817442690303 <sup>(2)</sup>	250	PN16	68	20	38	130	22	102	11	283	194	574	376	25
76-0300-70-817402690303 <sup>(1)</sup>	300	PN16	78	20	38	130	22	102	11	308	219	633	434	35

<sup>(1)</sup> With wormgear

<sup>(2)</sup> With wormgear, drilled according to AS2129 table D