



AVK DOUBLE ECCENTRIC BUTTERFLY VALVE, PN10/16

756/218-005

Integral seat, IP67 gearbox, DN 200-600, plate disc, short, AISI 420 shaft

AVK double eccentric butterfly valves are designed with tilted and fixated disc for extended service life and easy operation. The disc seal is made of AVK's drinking water approved EPDM rubber featuring an excellent compression set and thus ability to regain its original shape. The GSK approved epoxy coating and the corrosion protected shaft end zones ensure high durability. The valves are suitable for bi-directional application.

Product description:

Double eccentric butterfly valve to EN 593 w. integral seat and IP67 gearbox w. handwheel 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 13
- Standard flange drilling to EN1092-2 (ISO 7005-2), PN 10/16

Test/Approvals:

- Hydraulic test according to EN 1074-1 and 2 / EN 12266
- Approved according to DIN-DVGW Certificate NW-6201BR0451
- Approved according to KIWA Certificate K 6320
- Approved according to WRAS Certificate No. 1111078

Features:

The tilted disc releases the compression of the disc sealing after a few degrees of opening, which extends the durability and gives low operating torques

The disc is fixated to prevent wear and fluttering

The disc seal profile and rubber quality ensure low closing torques

All rubber parts are multi approved

Seal retainer ring of epoxy coated steel

The threaded bolt holes in the disc are corrosion protected with O-rings

Machined and epoxy coated ductile iron seat integrated in the body

Shaft of stainless steel with self-lubricating bearings

The shaft ends are corrosion protected with a stainless steel security plate and a gasket

Replaceable shaft sealing with an EPDM O-ring on a stainless steel ring, a back-up EPDM O-ring in the housing, and a flat NBR gasket

Optional locking device

Body and disc of ductile iron with epoxy coating to DIN 30677-2, GSK approved, RAL 5017

Accessories:

Locking device, extension spindle, street cover, handwheel, stem cap for rod #25 mm, adaptor gearside, dismantling joint and flange adaptor



kiwa

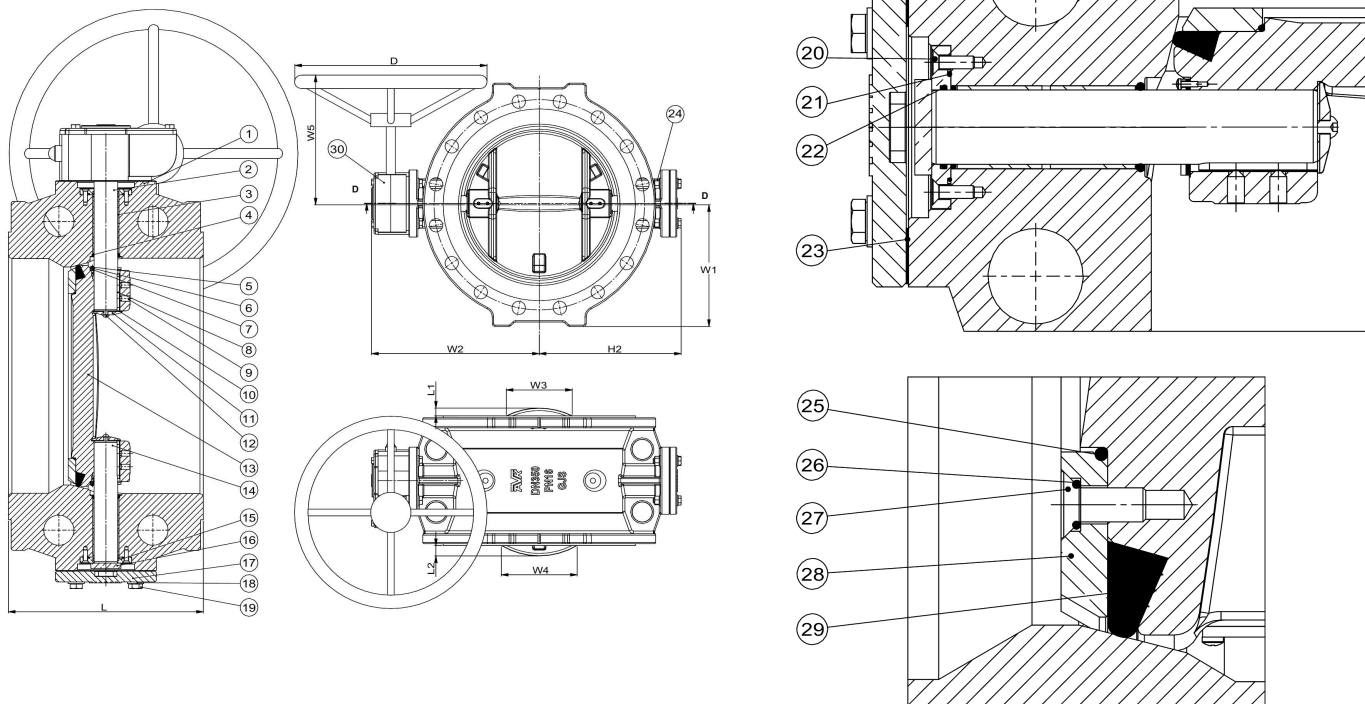
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Component list:

1. Body	Ductile iron GJS-500-7 (GGG-50)	16. Thrust bearing	
2. Drive shaft	Stainless steel 420	17. End plate	Ductile iron GJS-500-7 (GGG-50)
3. Bearing	Steel, PTFE coated	18. Washer	Stainless steel A2
4. O-ring	EPDM rubber	19. Bolt	Stainless steel A2
5. Bolt, socket head	Stainless steel A2	20. Screw	Stainless steel A2
6. Cover	Stainless steel	21. O-ring	EPDM rubber
7. Gasket	EPDM rubber	22. O-ring	EPDM rubber
8. Key	Stainless steel A2	23. Gasket	EPDM rubber
9. Set screw	Stainless steel A2	24. Nut	Stainless steel A2
10. Gasket	EPDM rubber	25. O-ring	EPDM rubber
11. End cover	Stainless steel	26. O-ring	EPDM rubber
12. Screw	Stainless steel A2	27. Screw	Stainless steel A2
13. Disc	Ductile iron GJS-500-7 (GGG-50)	28. Seal retainer ring	Steel
14. Stub shaft	Stainless steel 420	29. Seal ring	EPDM rubber
15. Spacer	Bronze	30. Gearbox	Cast iron

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

Reference nos. and dimensions:

AVK ref. no.	DN	Flange	D	L	L1	L2	H2	W1	W2	W3	W4	W5	Theoretical weight / kg
	mm	drilling	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
756-0200-2-04018014	200	PN10	250	152	18	28	227	182	279	107	134	276	47
756-0200-2-14018014	200	PN16	250	152	18	28	227	182	279	107	134	276	47
756-0250-2-04018014	250	PN10	250	165	34	44	261	215	313	164	184	276	64
756-0250-2-14018014	250	PN16	250	165	34	44	261	215	313	164	184	276	64
756-0300-2-04018014	300	PN10	250	178	47	58	292	242	343	209	227	276	91
756-0300-2-14018014	300	PN16	400	178	47	58	292	242	346	209	227	306	97
756-0350-2-04018014	350	PN10	250	190	70	76	318	272	369	271	279	276	115
756-0350-2-14018014	350	PN16	400	190	70	76	318	272	372	271	279	306	121
756-0400-2-04018014	400	PN10	400	216	82	89	349	302	403	313	322	306	153

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AVK ref. no.	DN	Flange	D	L	L1	L2	H2	W1	W2	W3	W4	W5	Theoretical weight / kg
756-0400-2-14018014	400	PN16	400	216	82	89	349	302	403	313	322	306	153
756-0450-2-04018014	450	PN10	400	222	102	109	390	332	440	365	374	306	193
756-0450-2-14018014	450	PN16	500	222	102	109	390	332	449	365	374	416	201
756-0500-2-04018014	500	PN10	400	229	124	130	418	338	468	420	427	306	180
756-0500-2-14018014	500	PN16	500	229	124	130	427	370	477	420	427	416	256
756-0600-2-04018014	600	PN10	500	267	155	161	481	393	536	514	521	416	262
756-0600-2-14018014	600	PN16	600	267	155	161	503	435	556	514	521	456	394