



AVK DOUBLE ECCENTRIC BUTTERFLY VALVE, PN10/16

756/100-020

Stainless steel seat, IP67 gearbox, plate disc, long, DN150-600

AVK double eccentric butterfly valves are designed with tilted disc for 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 high quality 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. stainless steel 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 dimension according to EN 558 Table 2 Basic Series 14
- Standard flange drilling to EN1092-2 (ISO 7005-2), PN10/16

Test/Approvals:

- Hydraulic test according to EN 1074-1 and 2 / EN 12266
- Approved according to KIWA Certificate K 6320
- Approved according to WRAS Certificate No. 2206003

Features:

- The tilted disc releases the compression of the disc sealing after a few degrees of opening resulting in low operating torque
- The disc seal profile and rubber quality ensure low closing torques
- All rubber parts are multi approved
- Seal retainer ring of stainless steel
- The threaded bolt holes in the disc are corrosion protected with O-rings
- Replaceable seat ring of stainless steel pressed into the body and sealed with an O-ring
- 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
- Body and disc of ductile iron with fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901, GSK approved, RAL 5017

Accessories:

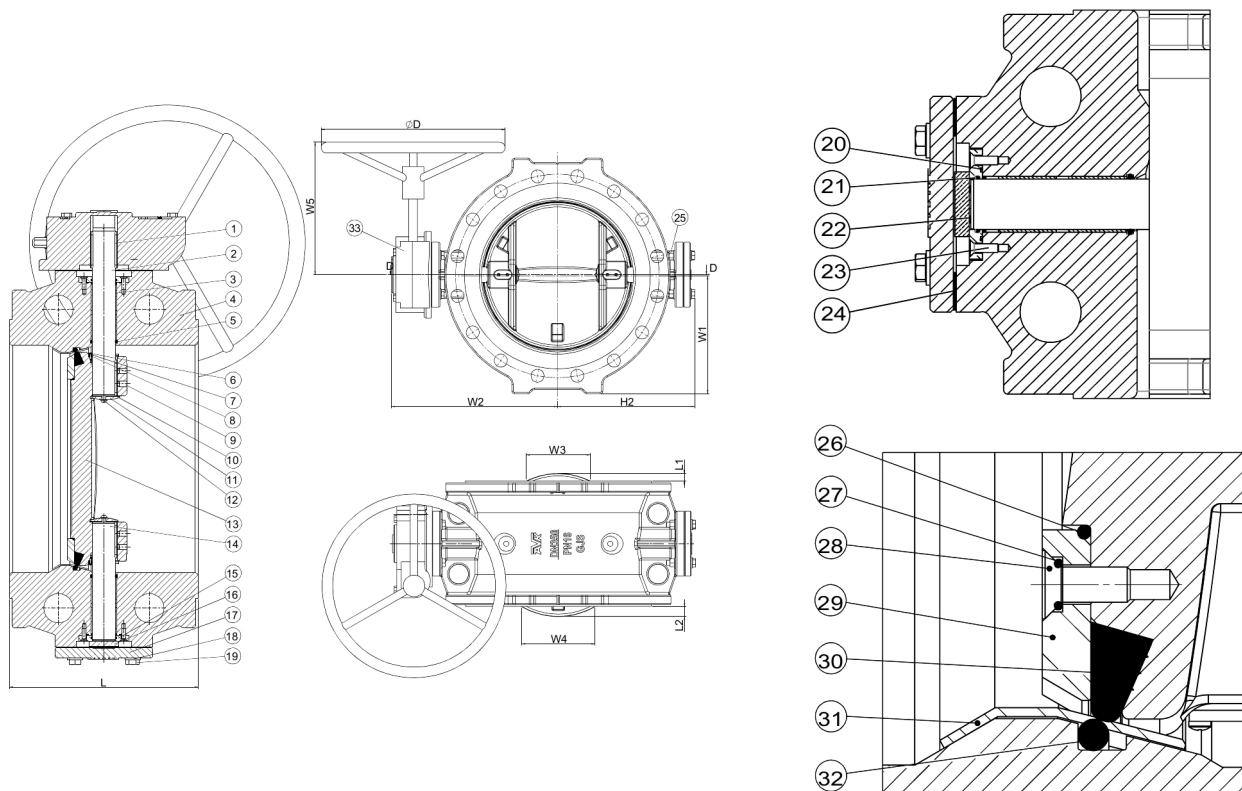
Extension spindle, street cover, handwheel, stem cap for rod #25 mm, adaptor gearside, dismantling joint and flange adaptor



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

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1. Key	Stainless steel A2	18. Washer	Stainless steel A2
2. Drive shaft	Stainless steel 431	19. Bolt	Stainless steel A2
3. Bearing	Bronze / PTFE composite	20. O-ring	EPDM rubber
4. Body	Ductile iron GJS-500-7 (GGG-50)	21. O-ring	EPDM rubber
5. O-ring	EPDM rubber	22. Screw	Stainless steel A2
6. Bolt, socket head	Stainless steel A2	23. Screw	Stainless steel A2
7. Cover	Stainless steel	24. Gasket	EPDM rubber
8. Gasket	EPDM rubber	25. Nut	Stainless steel A2
9. Set screw	Stainless steel A2	26. O-ring	EPDM rubber
10. Gasket	EPDM rubber	27. O-ring	EPDM rubber
11. End cover	Stainless steel	28. Screw	Stainless steel A2
12. Screw	Stainless steel A2	29. Seal retainer ring	Stainless steel
13. Disc	Ductile iron GJS-500-7 (GGG-50)	30. Seal ring	EPDM rubber
14. Stub shaft	Stainless steel 431	31. Metal seat	Stainless steel
15. Spacer	Bronze	32. O-ring	EPDM rubber
16. Thrust bearing	Bronze	33. Gearbox	Cast iron
17. End plate	Ductile iron GJS-500-7 (GGG-50)		

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	
756-0150-1-1400009	150	PN10/16	250	210	-	-	201	155	263	-	-	276	37
756-0200-1-0400009	200	PN10	250	230	-	-	225	182	279	-	-	276	51
756-0200-1-1400009	200	PN16	250	230	-	-	225	182	279	-	-	276	51
756-0250-1-0400009	250	PN10	250	250	-	1	259	215	313	-	6	276	71
756-0250-1-1400009	250	PN16	250	250	-	1	259	215	313	-	6	276	71

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AVK ref. no.	DN mm	Flange drilling	D mm	L mm	L1 mm	L2 mm	H2 mm	W1 mm	W2 mm	W3 mm	W4 mm	W5 mm	Theoretical weight/kg
756-0300-1-0400009	300	PN10	250	270	1	12	293	242	343	6	104	276	71
756-0300-1-1400009	300	PN16	400	270	1	12	293	242	343	6	104	306	71
756-0350-1-0400009	350	PN10	250	290	20	26	318	272	369	151	173	276	128
756-0350-1-1400009	350	PN16	400	290	20	26	318	272	369	151	173	306	128
756-0400-1-0400009	400	PN10	400	310	35	41	349	302	403	215	232	306	166
756-0400-1-1400009	400	PN16	400	310	35	41	349	302	403	215	232	306	166
756-0450-1-0400009	450	PN10	400	330	48	55	389	332	440	267	284	306	211
756-0450-1-1400009	450	PN16	500	330	48	55	389	332	440	267	284	416	219
756-0500-1-0400009	500	PN10	400	350	63	69	417	338	468	322	335	306	206
756-0500-1-1400009	500	PN16	500	350	63	69	426	371	477	322	335	416	282
756-0600-1-0400009	600	PN10	500	390	94	100	476	393	536	426	437	416	206
756-0600-1-1400009	600	PN16	600	390	94	100	502	435	556	426	437	456	425