AVK DOUBLE ECCENTRIC BUTTERFLY VALVE, PN 10/16 — 756/100

Stainless steel seat, IP67 gearbox, DN 200-600, plate disc, long — **020**

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. stainless steel seat and IP67 gearbox w/handwheel

Standards:
- Designed according to EN 593
- Face to face according to EN 558 Table 2 Basic Series 14
- 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. 1112059

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 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 AISI 431 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

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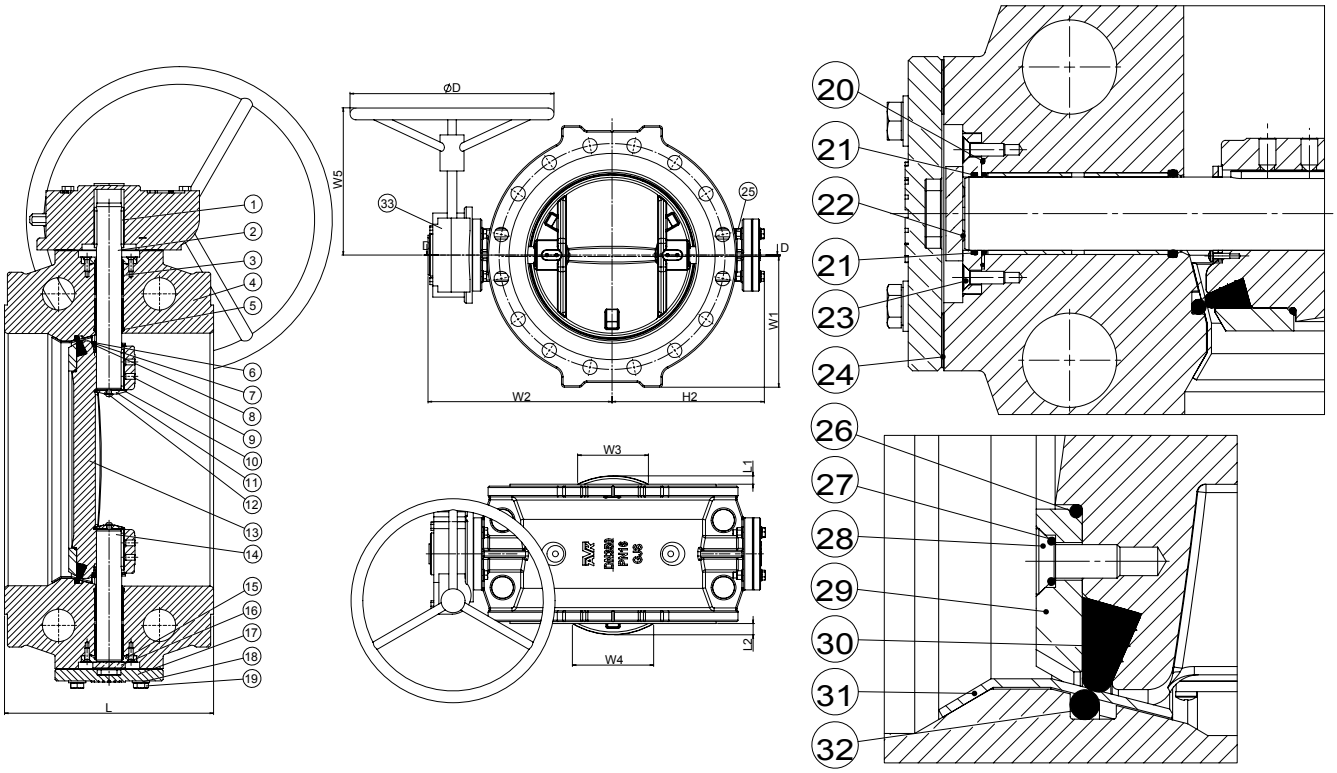

Component List:

1. Key	Stainless steel A2	2. Drive shaft	Stainless steel AISI 431
3. Bearing	Lead free PTFE sliding face	4. Body	Ductile iron, EN-GJS-500-7 (GGG-50)
5. O-ring	EPDM rubber	6. Socket screw	Stainless steel A2
7. Cover	Stainless steel	8. Gasket	EPDM rubber
9. Set screw	Stainless steel A2	10. Gasket	EPDM rubber
11. Endcover	Stainless steel	12. Screw	Stainless steel A2
13. Disc	Ductile iron, EN-GJS-500-7 (GGG-50)	14. Stub shaft	Stainless steel AISI 431
15. Spacer	Bronze	16. Axial bearing	Bronze
17. End plate	Ductile iron, EN-GJS-500-7 (GGG-50)	18. Washer	Stainless steel A2
19. Hex bolt	Stainless steel A2	20. O-ring	EPDM rubber
21. O-ring	EPDM rubber	22. Screw	Stainless steel A2
23. Screw	Stainless steel A2	24. Gasket	EPDM rubber
25. Nut	Stainless steel A2	26. O-ring	EPDM rubber
27. O-ring	EPDM rubber	28. Screw	Stainless steel A2
29. Seal retaining ring	Stainless steel	30. Seal ring	EPDM rubber
31. Metal seat	Stainless steel	32. O-ring	EPDM rubber
33. Gearbox	Cast iron		

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

Reference Nos. and Dimensions:

AVK ref. nos	DN mm	Flange drilling	D mm	L mm	L1 mm	L2 mm	H2 mm	W1 mm	W2 mm	W3 mm	W4 mm	W5 mm	Theoretic. weight kg
756-0200-1-0400009	200	PN10	250	230	-	-	200	182	279	-	-	276	51
756-0200-1-1400009	200	PN16	250	230	-	-	200	182	279	-	-	276	51

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

AVK ref. nos	DN mm	Flange drilling	D mm	L mm	L1 mm	L2 mm	H2 mm	W1 mm	W2 mm	W3 mm	W4 mm	W5 mm	Theoretic. weight kg
756-0250-1-0400009	250	PN10	250	250	-	1	234	215	313	-	6	276	71
756-0250-1-1400009	250	PN16	250	250	-	1	234	215	313	-	6	276	71
756-0300-1-0400009	300	PN10	250	270	1	12	264	242	343	6	104	276	71
756-0300-1-1400009	300	PN16	400	270	1	12	264	242	343	6	104	306	71
756-0350-1-0400009	350	PN10	250	290	20	26	290	272	369	151	173	276	128
756-0350-1-1400009	350	PN16	400	290	20	26	290	272	369	151	173	306	128
756-0400-1-0400009	400	PN10	400	310	35	41	321	302	403	215	232	306	166
756-0400-1-1400009	400	PN16	400	310	35	41	321	302	403	215	232	306	166
756-0450-1-0400009	450	PN10	400	330	48	55	358	332	440	267	284	306	211
756-0450-1-1400009	450	PN16	500	330	48	55	358	332	440	267	284	416	219
756-0500-1-0400009	500	PN10	400	350	63	69	386	338	468	322	335	306	282
756-0500-1-1400009	500	PN16	500	350	63	69	395	370	477	322	335	416	282
756-0600-1-0400009	600	PN10	500	390	94	100	445	393	536	426	437	416	206
756-0600-1-1400009	600	PN16	600	390	94	100	467	435	556	426	437	456	425

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