



AVK DOUBLE ECCENTRIC BUTTERFLY VALVE, PN10/16

756/102-152

Integral seat, ISO-input IP67 gearbox, plate disc, long, internal enamel, 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. integral seat, ISO-input IP67 gearbox, with internal enamel. 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 epoxy coated steel
- The threaded bolt holes in the disc are corrosion protected with O-rings
- Machined and enamel 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
- Body of ductile iron with internal enamel coating in compliance with DIN51178, EN ISO 11177 and DEV, and external fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901, GSK approved.

Accessories:

Electric actuator, extension spindle, street cover, handwheel, stem cap for rod #25 mm, adaptor gearbox, dismantling joint and flange adaptor

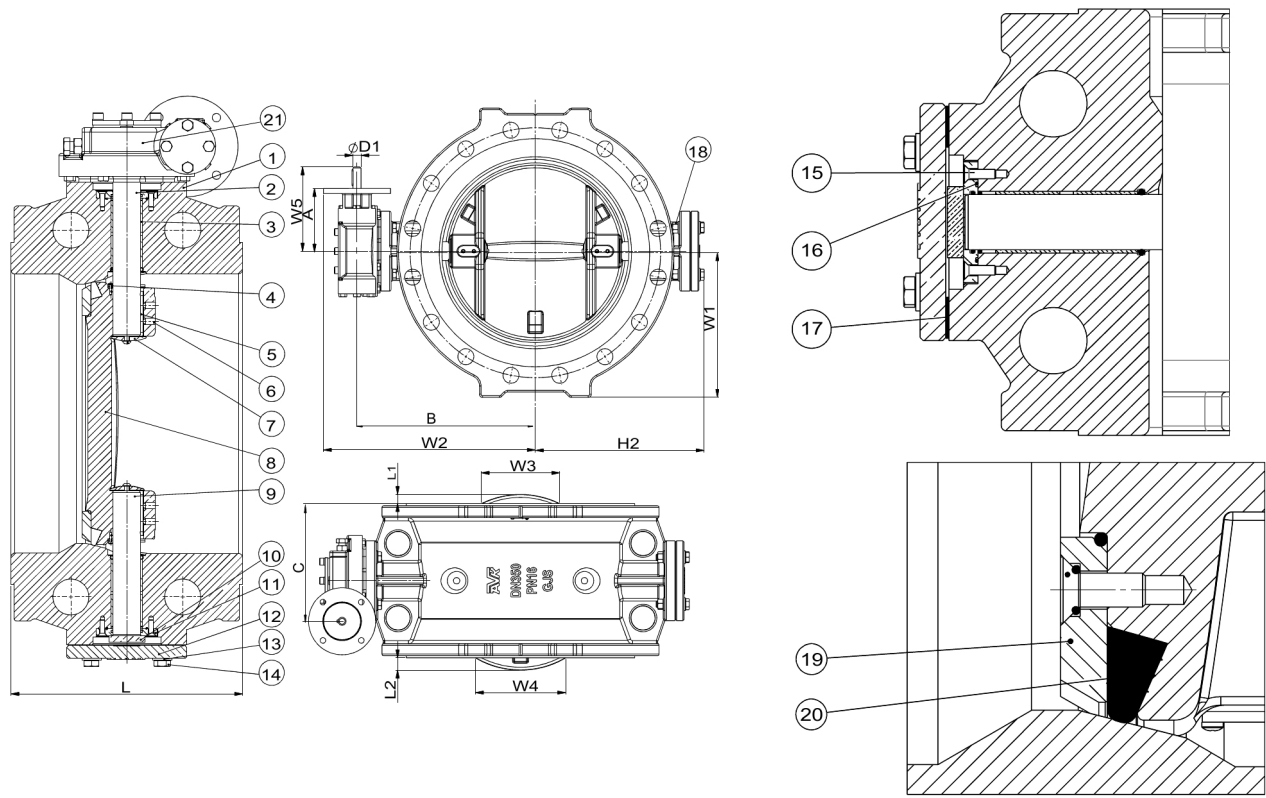


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Component list:

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

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

Reference nos. and dimensions:

AVK ref. no.	DN	Flange	D1	L	L1	L2	H2	W1	W2	W3	W4	W5	A	B	C	Actuator	Theoretical
	mm	drilling	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Flange	weight/kg
756-0150-1-14102	150	PN10/16	15	210	-	-	201	155	287	-	-	-	158	224	181	F10	38
756-0200-1-04102	200	PN10	15	230	-	-	227	182	308	-	-	158	118	245	191	F10	40
756-0200-1-14102	200	PN16	15	230	-	-	227	182	308	-	-	158	118	245	191	F10	40
756-0250-1-04102	250	PN10	15	250	-	1	261	215	342	-	6	158	118	279	201	F10	58
756-0250-1-14102	250	PN16	15	250	-	1	261	215	342	-	6	158	118	279	201	F10	68
756-0300-1-04102	300	PN10	15	270	-	12	292	242	373	6	104	182	118	309	211	F10	83
756-0300-1-14102	300	PN16	17	270	1	12	292	242	373	6	104	182	142	314	237	F10	83
756-0350-1-04102	350	PN10	15	290	20	26	318	272	398	151	173	158	118	335	221	F10	110
756-0350-1-14102	350	PN16	17	290	20	26	318	272	398	151	173	182	142	340	247	F10	110
756-0400-1-04102	400	PN10	17	310	35	41	349	302	434	215	232	182	142	371	257	F10	142
756-0400-1-14102	400	PN16	17	310	35	41	349	302	434	215	232	182	142	371	257	F10	166
756-0450-1-04102	450	PN10	17	330	48	55	390	332	471	267	284	182	142	408	267	F10	184

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AVK ref. no.	DN mm	Flange drilling	D1 mm	L mm	L1 mm	L2 mm	H2 mm	W1 mm	W2 mm	W3 mm	W4 mm	W5 mm	A mm	B mm	C mm	Actuator Flange	Theoretical weight/kg
756-0450-1-14102	450	PN16	25	330	48	55	390	332	471	267	284	236	186	423	301	F14	184
756-0500-1-04102	500	PN10	17	350	63	69	418	338	499	322	335	182	142	436	277	F10	240
756-0500-1-14102	500	PN16	25	350	63	69	427	370	550	322	335	236	186	460	311	F14	240
756-0600-1-04102	600	PN10	25	390	94	100	481	393	600	426	437	236	186	510	331	F14	410
756-0600-1-14102	600	PN16	20	390	94	100	503	435	627	426	437	364	313	532	267	F14	410