

Water Supply

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 PN25 with 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 dimension according to EN 558 Table 2 Basic Series 14
- Standard flange drilling to EN1092-2 (ISO 7005-2), PN25

Test/Approvals:

- Hydraulic test according to EN 1074-1 and 2 / EN 12266
- Approved according to KIWA Certificate K 6320 (DN≤800)
- Approved for drinking water according to WRAS Certificate No. 2307007 (DN900-1200)

Features:

- Machined and epoxy coated ductile iron seat integrated in the body
- The double eccentric design combined with a tilted disc allows release of seal compression after only few degrees of opening resulting in low operating torque
- Disc firmly fixed to the shaft to prevent fluttering and a slight tilt allows for precise adjustment of the closed position
- Disc seal profile and rubber quality ensure low closing torque
- All rubber parts are drinking water approved by multiple institutes
- Fasteners in stainless steel A2
- Stainless steel shaft and seal retainer ring
- All threaded connections are sealed with O-rings for protection against medium and environment
- Radial bearings in self-lubricating PTFE/bronze composite
- Shaft ends: DN≤600: Fitted with an end cover that seals the disc interior against corrosion. DN≥700: Fully encapsulated in the disc and fixed with O-ring sealed dowels held in place with a security plate. Key and keyway as backup
- Replaceable shaft seals with two EPDM O-rings and an NBR gasket protecting against contamination from outside
- Body and disc of ductile iron with fusion bonded epoxy coating 250µm RAL 5017 in compliance with DIN 3476 part 1 and EN 14901, approved by GSK and WRAS-DVGW/W270/UBA
- IP67 Rotork gear with position indicator, operated by handwheel. Coated black RAL9005, 50-60µm. Input shaft, bolts and nuts in stainless steel AISI 303

Accessories:

Extension spindle, surface box, dismantling joint and flange adaptor

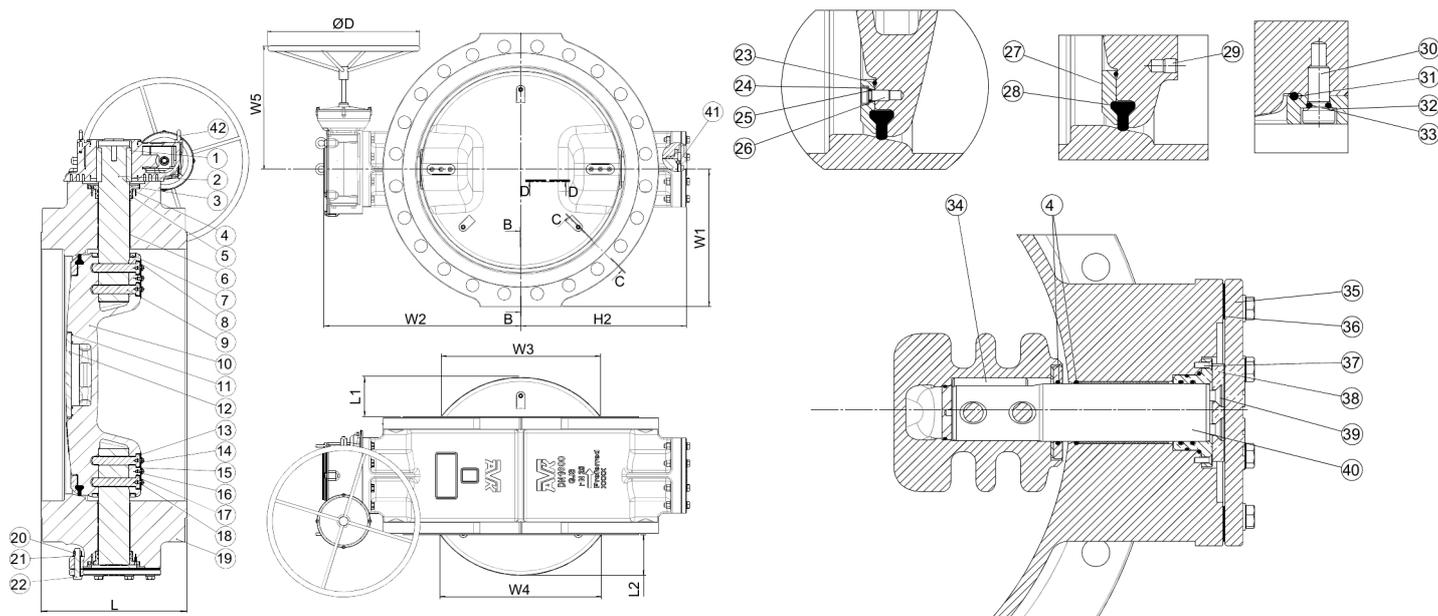
**kiwa**

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

DOUBLE ECCENTRIC BUTTERFLY VALVE, PN25

756/100-771

Integral seat, IP67 gearbox, DN150-1200



Component list:

1. Key	Stainless steel A2	22. Bolt	Stainless steel A2
2. Drive shaft	Stainless steel 431	23. O-ring	EPDM rubber
3. Seal housing	Bronze	24. Washer	Stainless steel A2
4. O-ring	EPDM rubber	25. O-ring	EPDM rubber
5. O-ring	EPDM rubber	26. Bolt	Stainless steel A2
6. Self-lubricating bearing	Bronze / PTFE composite	27. Seal retainer ring	Stainless steel 420
7. Disc cover	Stainless steel	28. Disc seal	EPDM rubber
8. Disc cover gasket	EPDM rubber	29. Screw	Stainless steel A2
9. Dowel	Stainless steel	30. Bolt	Stainless steel A2
10. Disc	Ductile iron GJS-500-7 (GGG-50)	31. O-ring	EPDM rubber
11. O-ring	EPDM rubber	32. Washer	Stainless steel A2
12. Centre flange	Ductile iron GJS-500-7 (GGG-50)	33. O-ring	EPDM rubber
13. Security plate	Stainless steel	34. Safety key	Stainless steel A2
14. Screw	Stainless steel A2	35. End plate	Ductile iron GJS-500-7 (GGG-50)
15. O-ring	EPDM rubber	36. Gasket	EPDM rubber
16. Spring washer	Stainless steel A2	37. Screw	Stainless steel A2
17. Washer	Zinc	38. Thrust bearing	Bronze
18. O-ring	EPDM rubber	39. Screw	Stainless steel A2
19. Body	Ductile iron GJS-500-7 (GGG-50)	40. Stub shaft	Stainless steel 431
20. Nut	Stainless steel A2	41. Screw	Stainless steel A2
21. Washer	Stainless steel A2	42. Gearbox	Cast iron

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

DOUBLE ECCENTRIC BUTTERFLY VALVE, PN25**756/100-771****Integral seat, IP67 gearbox, DN150-1200****Reference nos. and dimensions:**

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
756-0150-1-74000	150	PN25	300	210	-	-	192	162	254	-	-	282	38
756-0200-1-74000	200	PN25	250	230	-	-	223	190	288	-	-	277	57
756-0250-1-74000	250	PN25	400	250	-	-	268	223	333	-	-	306	92
756-0300-1-74000	300	PN25	400	270	1	12	303	253	368	17	115	306	117
756-0350-1-74000	350	PN25	400	290	19	25	331	288	393	155	176	306	151
756-0400-1-74000	400	PN25	400	310	34	40	373	320	435	217	234	306	190
756-0450-1-74000	450	PN25	600	330	48	54	411	345	503	270	285	461	258
756-0500-1-74000	500	PN25	600	350	63	69	454	375	546	325	338	461	306
756-0600-1-74000	600	PN25	700	390	92	98	541	430	632	424	434	449	484
756-0700-1-74000	700	PN25	700	430	124	130	566	483	706	527	537	570	661
756-0800-1-74000	800	PN25	700	470	155	161	650	546	815	626	635	570	870
756-0900-1-74000	900	PN25	700	510	185	191	701	593	865	721	729	570	1127
756-1000-1-74000	1000	PN25	700	550	216	222	771	663	935	813	824	570	1424
756-1200-1-74000	1200	PN25	700	630	268	272	899	768	1031	982	987	631	2306

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