



AVK GLENFIELD BALL FLOAT VALVE, PN16 DN50-300, with lever and float

Series 854HK

AVK Glenfield Series 854 are ball float valves designed to be fitted in the top of a tank or reservoir to automatically control the rate of filling and shut off completely when a predetermined level is reached. The balanced equilibrium design makes sure that operation is smooth and reliable.

Product description:

Balanced equilibrium float valve for water and other neutral liquids to max. 50°C. Maximum Working Pressure: 16 bar.

Standards:

- Standard flange drilling to EN1092-2 (ISO 7005-2), PN 16

Test/Approvals:

- Hydraulic test according to EN 1074-1 and 2 / EN 12266
- Seat: 1.1 x PN. Body: 1.5 x PN.
- Belgaqua approved material
- Approved according to WRAS up to 50°C

Features:

- Right angled design.
- Long actuating lever for slow closure.
- Flanged outlet for fitting of downpipe.
- Drop tight shut off.
- Fully removeable bronze cylinder.
- Easily maintained.
- Float in control of valve at all positions of travel.
- Face and piston seals easily replaceable.
- Float position adjustable in horizontal plane.

Accessories:

Vertical float rod arrangement

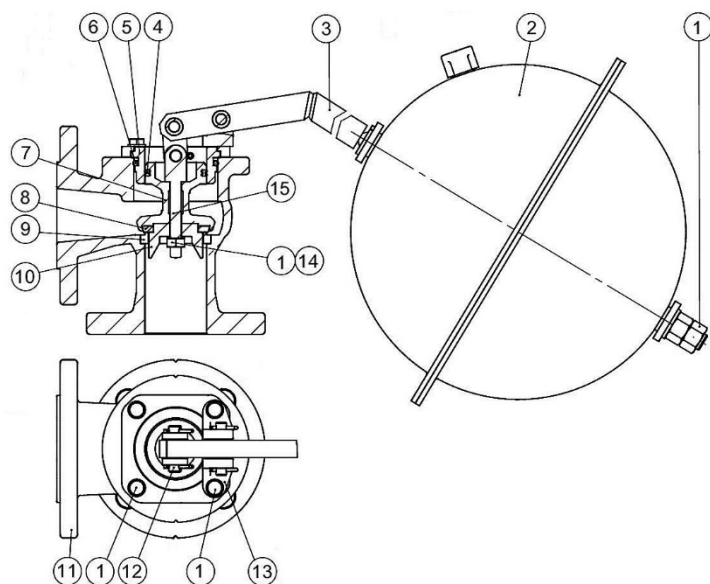
Body marking: AVK Glenfield (DN) (Production Code) DI 500/7 PN16 →



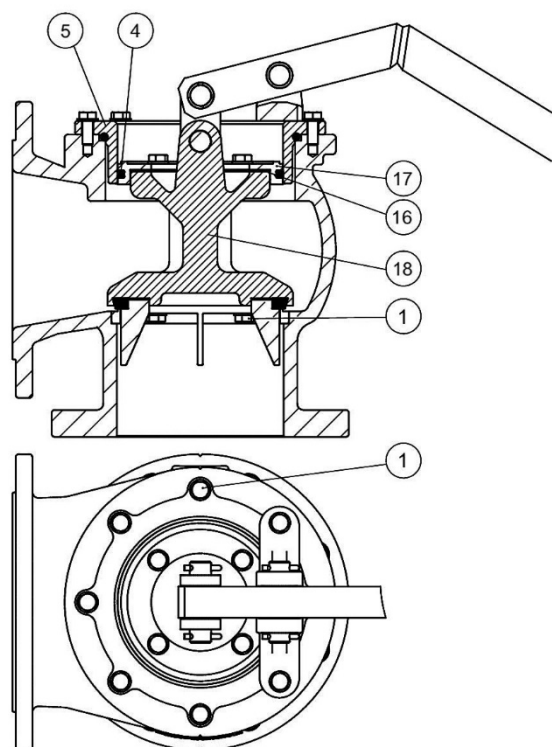
Expect... **AVK**

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DN50-300, with lever and float

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DN50-100



DN150-300

Component list:

1. Bolt/nut	Stainless steel A4	10. Valve guide	Bronze CC499K
2. Float	Stainless steel 1.4401	11. Body	Ductile iron GJS-500-7 (GGG-50)
3. Float lever	Stainless steel 1.4401	12. Hinge pin	Stainless steel 1.4401
4. DN50-200: lip ring, DN250-300: O-ring	EPDM rubber	13. Fulcrum bracket	Ductile iron GJS-500-7 (GGG-50)
5. Cylinder	Bronze CC499K	14. Washer	Stainless steel A4
6. O-ring	EPDM rubber	15. Piston bolt	Stainless 1.4401
7. Valve centre	Bronze CC499K	16. O-ring	EPDM rubber
8. Seal ring	EPDM rubber	17. Valve piston	Bronze CC499K
9. Seat ring	Stainless steel 1.4401	18. Valve centre	Ductile iron GJS-500-7 (GGG-50)

Dimensions:

DN	A	B	C	D	E	F	G	Max recommended discharge	Theoretical
mm	mm	mm	mm	mm	mm	mm	mm	l/sec	weight/kg
50	110	110	700	260	170	410	150	6	16
80	130	145	850	300	250	410	170	14	22
100	140	160	1000	380	330	410	240	25	33
150	180	210	1250	470	480	460	290	55	66
200	220	270	1500	570	650	460	350	97	118
250	250	330	1800	650	810	560	400	152	184
300	300	380	2200	750	930	560	450	220	260

