



AVK BUTTERFLY VALVE PN21

75/64



Concentric bonded rubber lined butterfly valve, PN21
Bi-directional, short pattern double flanged, drilled to AS 2129 Table F/AS 4087 B6



Use:

- For water and neutral liquid applications
 - Rated for full end of line duty
 - Suitable for buried service
 - Suitable for submerged service
 - 5 m/s normal flow velocity
 - 7.5 m/s intermittent flow velocity
- Note: Always observe pipe material recommended operating temperatures



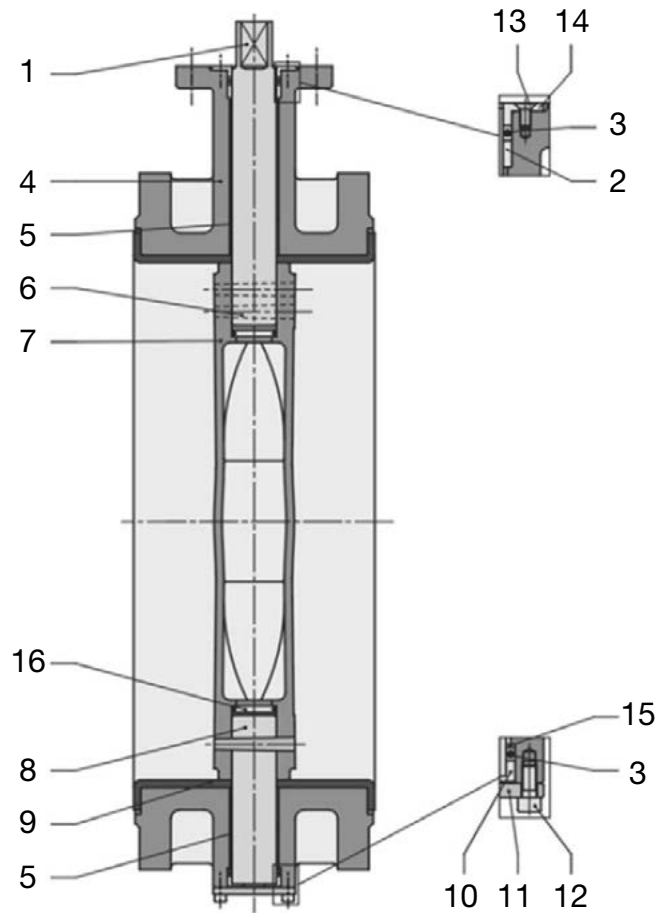
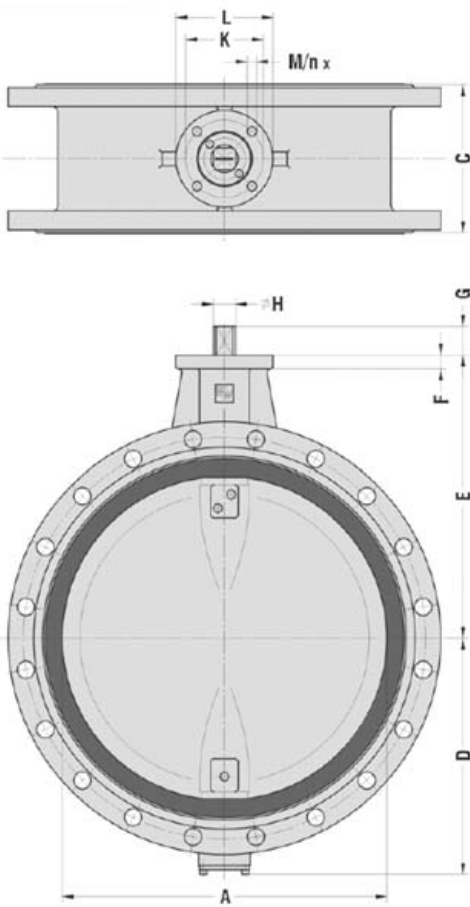
Tests:

- Body test pressure = 31.5 Bar
- Disc strength pressure = 23.1 Bar
- Single batch test at 31.5 Bar
- Seat test pressure - 23.1 Bar - bi-directional
- Operational test (single batch test 20 times open/close on water)

Actuation:

- Manual Electric, Pneumatic or Hydraulic





Component list

1. Shaft	Stainless Steel 431	9. Lining	EPDM with WRAS approval
2. Bush		10. Thrust bearing	Bronze PTFE coated
3. O-ring	NBR	11. Cover plate	Stainless Steel 316
4. Body	Ductile Cast Iron GGG 40	12. Socket head screw	Stainless Steel 316
5. Bearing	Bronze PTFE coated	13. Counter sunk screw	Stainless Steel 316
6. Conical pin	Stainless Steel Duplex	14. Collar bearing	Bronze PTFE coated
7. Disc	Stainless Steel Duplex	15. Ring	NBR
8. Shaft	Stainless Steel 431	16. Sealing plate	Stainless Steel 316

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

AVK ref. nos.	DN mm	A	C	D	E	F	G	H	K	L	M	n	Weight kilos
75-0600-202070649146X0	600	586	267	428	510	26	60	46	165	210	21	4	340
75-0700-202070649146X0	700	686	292	524	560	30	90	60	254	300	17	8	400
75-0750-202070649146X0	750	736	318	534	614	30	90	60	298	350	21	8	500
75-0800-202070649146X0	800	786	318	555	635	30	70	60	298	350	21	8	600
75-0900-202070649146X0	900	886	330	714	703	37	85	75	298	350	21	8	900
75-1000-202070649146X0	1000	986	410	765	754	37	85	75	356	415	31	8	1400
75-1200-202070649146X0	1200	1186	470	845	900	55	100	90	406	475	37	8	2000

X: 2 = Above ground gearbox (Progear IP67)
 3 = Buried service gearbox (Rotork IP68)