

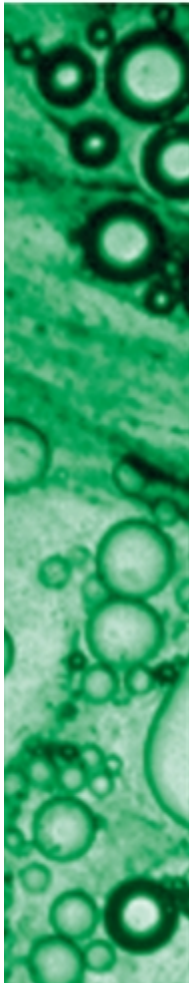
SWING CHECK VALVE WITH FREE SHAFT, PN 16

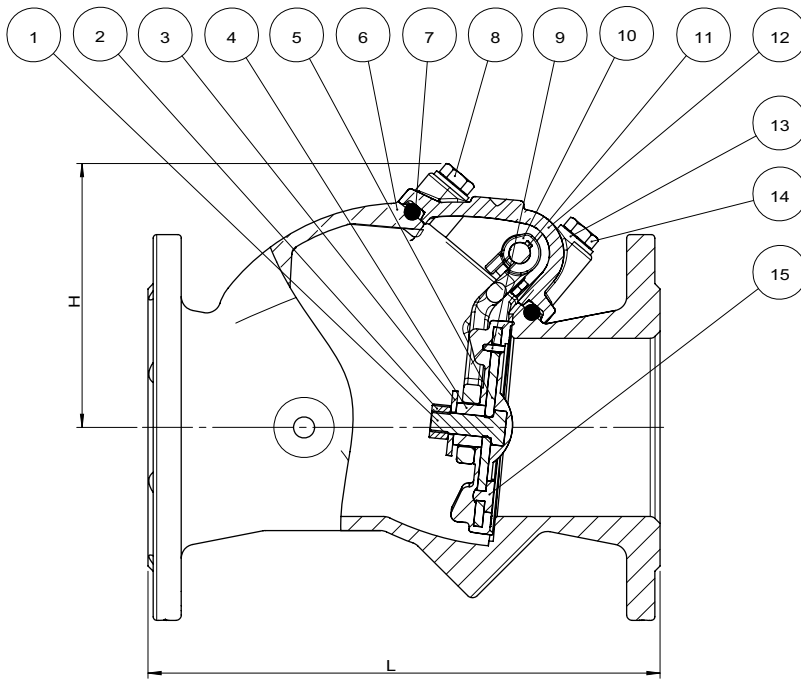
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Swing check valve with free shaft end, designed according to EN1074 - 3, Face to face according to EN 558 table 2 basic series 10.
Standard flange drilling to EN1092-2 (ISO 7005-2)

Resilient seated with full bore.
Body and bonnet of GJS-500-7 (GGG-50). Hinge of stainless steel AISI 316 in DN 50-200 and GGG-50 in DN 250-300. Disc with steel insert fully vulcanized with EDPM rubber. The disc and hinge are assembled on a shaft of stainless steel 420s37 fitted in the bonnet. Bonnet gasket of EPDM rubber in a groove between body and bonnet. Epoxy coating to DIN 30677-2 and GSK guidelines - internally and externally(250 Micron).

Options: Lever and weight AVK series 41/23, lever and spring AVK series 41/32, valve guard kit AVK series 41/50, combi-flanges AVK series 05, proximity switch. Bypass.



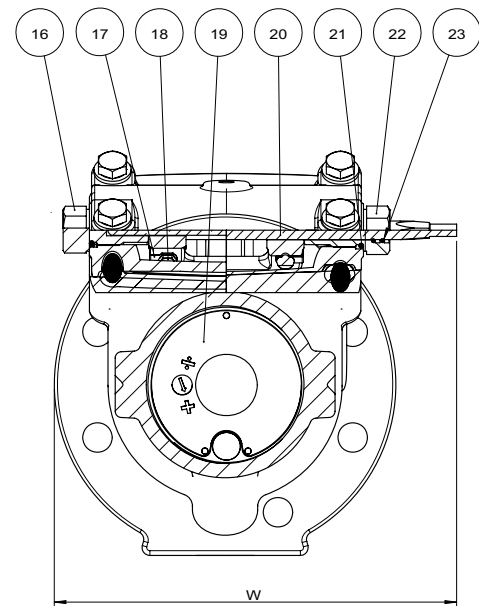


Low head loss

The full bore minimizes pressure loss and allows maximum utilisation of the pump capacity. The disc is designed with a steel insert fully vulcanized with EPDM rubber. It provides a drop tight closure and due to the light weight it requires a minimum of force to open/close.

Easy maintenance and long life

The low weight offers easy handling. Disassembly of the valve can be performed without removing the valve from the pipe system by unscrewing the bonnet bolts and removing the bonnet assembly including hinge and disc. In case of damage the necessary spare parts can be changed before reassembly.



Component list

1. Hex bolt	13. Washer
2. Nut	14. Hex bolt
3. Washer	15. Thrust
4. Bushing	16. Closed bushing
5. Disk	17. Tab washer
6. Body	18. Bolt
7. Gasket	19. Disk
8. Hex bolt	20. Shaft
9. Pin	21. O-ring
10. Hinge	22. Open bushing
11. Key	23. O-ring
12. Bonnet	

Reference nos. and dimensions

AVK ref. nos.	DN mm	L mm	H mm	W mm	Theoretical weight kg
41-050-20-018	50	203	110	233	13
41-065-20-018	65	216	140	233	17
41-080-20-018	80	241	140	233	20
41-100-20-018	100	292	150	256	26
41-125-20-018	125	330	195	334	40
41-150-20-018	150	356	195	334	51
41-200-20-018	200	495	230	386	83
41-250-20-018	250	622	270	692	183
41-300-20-018	300	698	300	692	231