



AVK SWING CHECK VALVE, RESILIENT SEATED, PN 10/16

41/69-003

Enclosed shaft end, integrated hinge and solid rubber disc, DN50-300

AVK series 41 swing check valves come with both metal and resilient seats. Installed in pumping applications to prevent back flow they can be used for drinking water as well as waste water. The disc is connected to the shaft via a flexible bush that allows disc and valve seat to adjust exactly. All interior parts are stainless steel or coated with drinking water approved epoxy or EPDM. The series 41 valves are available with either closed bushings or protruding shaft end where a lever with a weight or a spring can be fitted to mitigate pressure surges.

Product description:

Resilient seated swing check valve with enclosed shaft end. For drinking water and neutral liquids to max. 70°C

Standards:

- Face to face according to EN 558 Table 2 Basic Series 48
- Standard flange drilling to EN1092-2 (ISO 7005-2), PN 10/16

Test/Approvals:

- Hydraulic test according to EN12050-4
- Approved according to LGA Certificate No. 0220030

Features:

- Resilient seat provides a drop tight closure and due to the light weight it requires a minimum of force to open/close
- Shaft fitted in the bonnet allowing for easy maintenance without removing valve from pipeline
- Shaft material 1.4021 (AISI 420) stainless steel
- Integrated hinge and disc of solid EPDM rubber
- Ductile iron disc covered with drinking water approved EPDM
- Bonnet gasket in a groove between bonnet and body to prevent blow-out
- All seals and coatings with contact to the fluid are approved for drinking water - coating is blue, 250µm fusion bonded epoxy
- Disc is designed with a steel insert fully vulcanized with EPDM rubber
- Bosses on each side of the valve seat allow for installation of pressure gauge, by-pass, etc.

Accessories:

Combi-flanges, flange adaptors



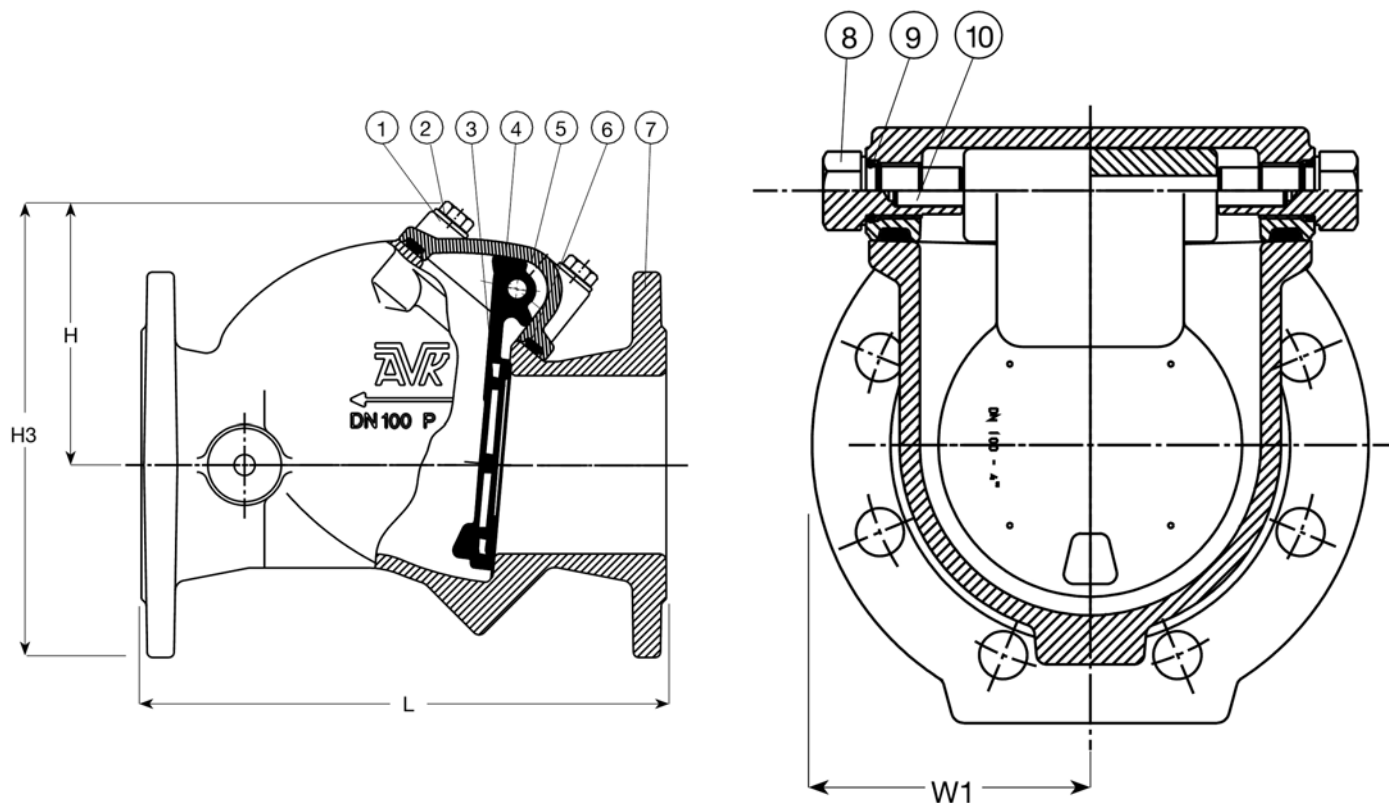
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The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product programme.

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Component list:

1. Washer	Stainless steel A2	6. Bonnet gasket	EPDM rubber
2. Bolt	Stainless steel A2	7. Body	Ductile iron GJS-500-7 (GGG-50)
3. Disc insert	Gunmetal bronze	8. Bushing	Brass, DZR
4. Disc rubber	EPDM rubber	9. O-ring	NBR rubber
5. Bonnet	Ductile iron GJS-500-7 (GGG-50)	10. Shaft	Stainless steel 420

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

Reference nos. and dimensions:

AVK ref. no.	DN	Flange	L	H3	W1	Theoretical weight / kg
	mm	drilling	mm	mm	mm	
41-050-69-018	50	PN10/16	200	193	160	10
41-065-69-018	65	PN10/16	240	140	160	12
41-080-69-018	80	PN10/16	260	240	160	20
41-100-69-018	100	PN10/16	300	260	175	26
41-125-69-018	125	PN10/16	350	322	220	37
41-150-69-018	150	PN10/16	400	338	220	51
41-200-69-008	200	PN10	500	400	240	83
41-200-69-018	200	PN16	500	400	240	83
41-250-69-008	250	PN10	600	473	300	183
41-250-69-018	250	PN16	600	473	300	183
41-300-69-008	300	PN10	700	541	300	231
41-300-69-018	300	PN16	700	541	300	231

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