



AVK GATE VALVE, FLANGED, PN10/16

EN 558-2 S.14/DIN F4, position indicator and handwheel

06/35-003



AVK gate valves are designed with built-in safety in every detail. The wedge is fully vulcanized with AVK's own drinking water approved EPDM rubber compound. It features an outstanding durability due to the ability of the rubber to regain its original shape, the double bonding vulcanization process and the sturdy wedge design. The triple safety stem sealing system, the high strength stem and the thorough corrosion protection safeguard the unmatched reliability.

Product description:

Flanged gate valve EN 558-2 S.14/DIN F4, with position indicator. For drinking water and neutral liquids to max. 70° C

Standards:

- Designed according to EN 1074 part 1 & 2, Designed according to EN 1171
- Face-to-face dimension according to EN 558 Table 2 Basic Series 14
- Flange drilling to EN1092, PN10/16

Test/Approvals:

- Seat: 1.1 x PN (in bar), Body: 1.5 x PN (in bar). Operation torque test
- Approved according to ACS-France
- Belgaqua approved material
- Approved according to DIN-DVGW Certificate NW-6203BN0117

Features:

- Fixed, integral wedge nut prevents vibration and ensures durability
- Wedge fully vulcanized with drinking water approved EPDM rubber and equipped with wedge shoes to provide smooth operation
- Large conical stem hole in the wedge prevents stagnant water
- Wedge and body guide rails ensure stable operation
- Stainless steel stem with wedge stop and rolled threads for high strength
- Full circle thrust collar provides fixation of the stem and low free running torques
- Triple safety stem sealing with an NBR wiper ring, a polyamide bearing with four NBR O-rings and an EPDM rubber manchette
- Round EPDM bonnet gasket fixed in a recess
- Countersunk and sealed bonnet bolts encircled by the bonnet gasket
- Full bore
- Low operating torque
- Fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901, GSK approved
- Position indicator on the stem for visual or remote read-out of the valve position

Accessories:

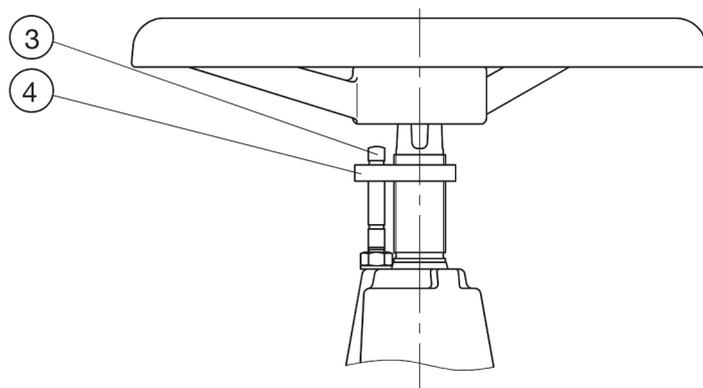
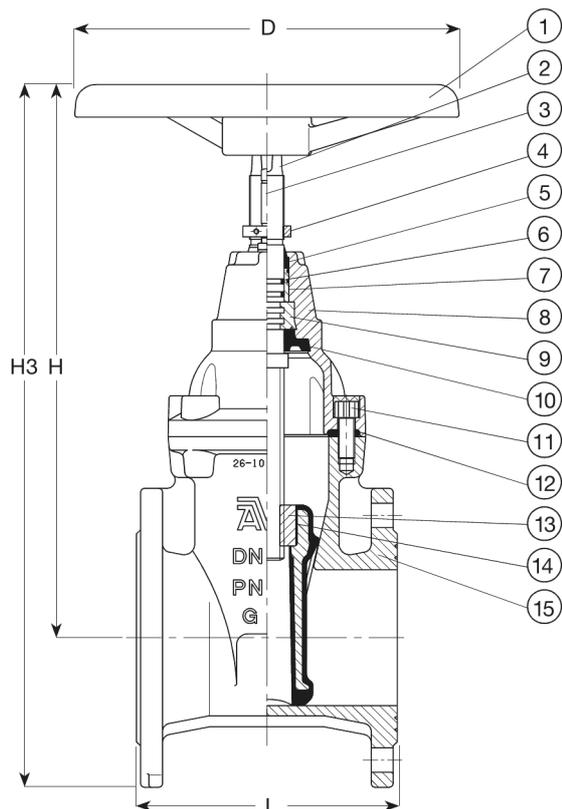
Mounting kit for limit switch, limit switch, flange adaptor and combi-flange



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



Component list:

1. Handwheel	Cast iron GJL-250 (GG-25)	9. Thrust collar	Brass DZR CW602N
2. Stem	Stainless steel 1.4104 (430F)	10. Manchette	EPDM rubber
3. Pin	Stainless steel	11. Bonnet bolt	Stainless steel A2, sealed with hotmelt
4. Indicator nut	Brass DZR	12. Bonnet gasket	EPDM rubber
5. Wiper ring	NBR rubber	13. Wedge nut	Brass DZR CW626N
6. O-ring	NBR rubber	14. Wedge	Ductile iron, EPDM encapsulated
7. Bearing	Polyamide	15. Body	Ductile iron GJS-500-7 (GGG-50)
8. Bonnet	Ductile iron GJS-500-7 (GGG-50)		

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

Reference nos. and dimensions:

AVK ref. no.	DN mm	Flange drilling	L mm	D mm	H mm	H3 mm	Theoretical weight/kg
06-050-35-016	50	PN10/16	150	180	329	412	13
06-065-35-016	65	PN10/16	170	225	355	448	16
06-080-35-016	80	PN10/16	180	225	382	482	20
06-100-35-016	100	PN10/16	190	280	414	524	27
06-125-35-016	125	PN10/16	200	320	461	586	36
06-150-35-016	150	PN10/16	210	320	540	683	51
06-200-35-006	200	PN10	230	360	688	858	71
06-200-35-016	200	PN16	230	360	688	858	71
06-250-35-006	250	PN10	250	500	780	980	102
06-250-35-016	250	PN16	250	500	780	980	113
06-300-35-006	300	PN10	270	500	855	1083	110
06-300-35-016	300	PN16	270	500	855	1083	110
06-350-35-006	350	PN10	290	640	930	1190	220
06-350-35-016	350	PN16	290	640	930	1190	220
06-400-35-006	400	PN10	310	640	960	1248	240
06-400-35-016	400	PN16	310	640	960	1248	240

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