



AVK GATE VALVE, FLANGED, PN25

EN 558-2 S.15/DIN F5, ISO top flange, DN50-300

15/67-003

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.15/DIN F5 prepared for actuator, PN25. 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 according to EN 558 Table 2 Basic Series 15
- Standard flange drilling to EN1092-2 (ISO 7005-2), PN 25

Test/Approvals:

- Hydraulic test according to EN 1074-1 and 2 / EN 12266
- Seat: 1.1 x PN (in bar), Body: 1.5 x PN (in bar). Operation torque test
- Approved for drinking water

Features:

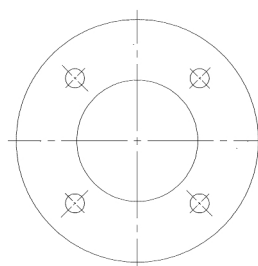
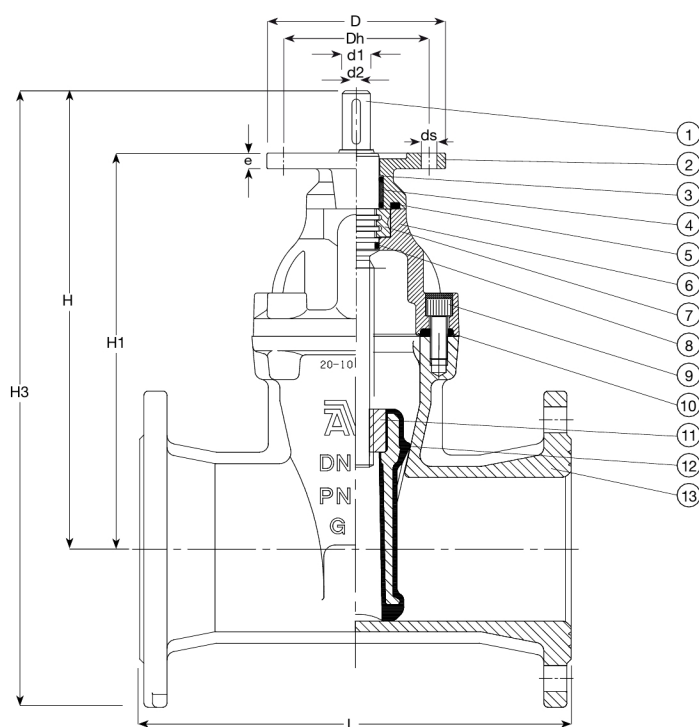
- Fixed, integral wedge nut prevents vibration and ensures durability
- Wedge fully vulcanized with drinking water approved EPDM rubber and equipped with wedge shoes to provide smooth operation
- Large conical stem hole in the wedge prevents stagnant water
- Wedge and body guide rails ensure stable operation
- Stainless steel stem with rolled threads for high strength
- Stem sealing: A main seal against internal media and a polyamide/brass bearing with O-rings
- Round bonnet gasket fixed in a recess
- Countersunk and sealed stainless steel bonnet bolts encircled by the bonnet gasket
- Full bore
- Low operating torque
- Epoxy coating to DIN 30677-2 and AVK guidelines
- ISO top flange with bolts of stainless steel

Accessories:

Electric actuator, flange adaptor and combi-flange



Expect... **AVK**



Drilling A
Holes for bolts to
ISO 5210
(attachment to actuator)

DS: DN 40-200:	12 mm	Dh: DN 40-200:	102 mm
>DN 250:	18 mm	>DN 250:	140 mm
D: DN 40-200:	125 mm	e: DN 40-150:	11 mm
DN 250-300:	205 mm	DN 200-300:	13 mm

Component list:

1. Stem	Stainless steel 1.4104 (430F)	8. O-ring	EPDM rubber
2. Mounting flange	Ductile iron GJS-500-7 (GGG-50)	9. Bonnet bolt	Stainless steel A2, sealed with hot melt
3. O-ring	NBR rubber	10. Bonnet gasket	EPDM rubber
4. Bearing	Polyamide	11. Wedge nut	Brass, DZR CW626N
5. O-ring	NBR rubber	12. Wedge	Ductile iron, EPDM encapsulated
6. Bonnet	Ductile iron GJS-500-7 (GGG-50)	13. Body	Ductile iron GJS-500-7 (GGG-50)
7. Thrust collar	Brass, DZR CW602N		

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

Reference nos. and dimensions:

AVK ref. no.	DN	Flange	L	H	H1	H3	D1	D2	Turns	Torque	ISO	Theoretical
	mm	drilling	mm	mm	mm	mm	mm	mm	to open	Nm	Flange	weight / kg
15-050-67-076	50	PN25	250	241	202	324	20	M6	11	40	F10	15
15-065-67-076	65	PN25	270	278	227	371	20	M6	14	60	F10	17
15-080-67-076	80	PN25	280	298	247	398	20	M6	17	60	F10	22
15-100-67-076	100	PN25	300	327	276	437	20	M6	21	80	F10	25
15-125-67-076	125	PN25	325	346	311	481	20	M6	26	80	F10	34
15-150-68-076 ⁽¹⁾	150	PN25	350	427	383	570	20	M6	26	80	F10	52
15-200-68-076 ⁽¹⁾	200	PN25	400	531	485	701	20	M6	35	100	F10	73
15-250-68-076 ⁽¹⁾	250	PN25	450	617	568	817	30	M8	37	180	F14	121
15-300-67-076	300	PN25	500	691	630	919	30	M8	44	300	F14	171

(1) Type BS gland flange