



## AVK FLANGED GATE VALVE, PN 25

02/67

DIN F5, RG5 wedge nut, CTC

030

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 safety stem sealing system, the high strength stem and the thorough corrosion protection safeguard the unmatched reliability.

### Product Description:

Flanged gate valve PN 25 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

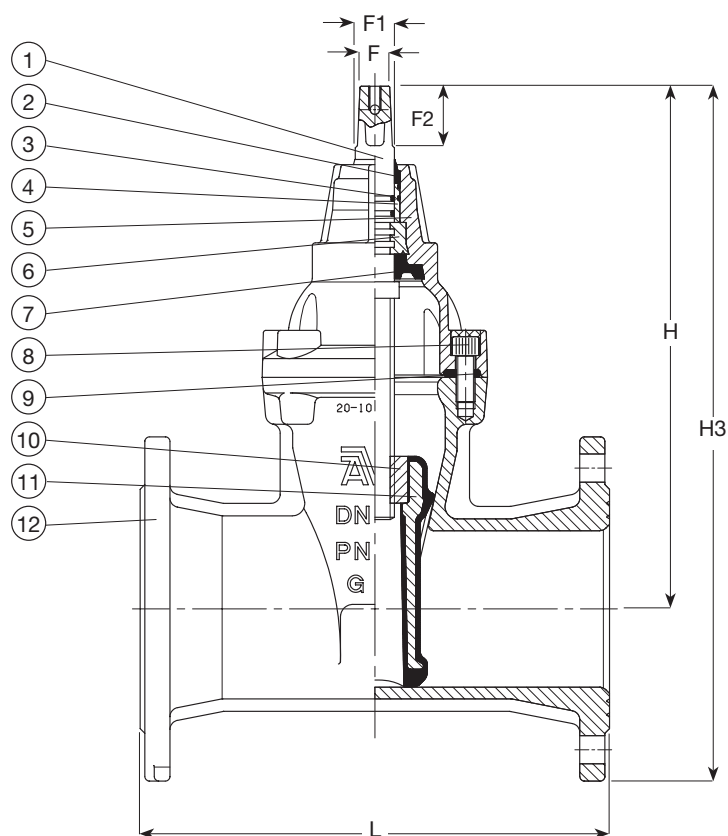
### Features:

- Fixed, integral wedge nut prevents vibration and ensures durability. Made of RG5 bronze acc. to EN 1982, CC493K.
- Fully vulcanized wedge with guide rails, integrated wedge shoes and a large conical stem hole
- 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 stainless steel bonnet bolts encircled by the bonnet gasket
- Full bore
- Low operating torque
- Epoxy coating to DIN 30677-2 and AVK guidelines

### Accessories:

Stem cap, handwheel, extension spindle and street cover




**Component List:**

1. Stem	Stainless steel min. 13% Cr	2. Wiper ring	NBR rubber
3. O-ring	NBR rubber	4. Bearing	Polyamide
5. Bonnet	Ductile iron, min. GJS-400-15 (GGG-40)	6. Thrust collar	Dezincification resistant brass
7. Manchette	EPDM rubber	8. Bonnet bolt	Stainless steel A2, sealed with hot melt
9. Bonnet gasket	EPDM rubber	10. Wedge nut	RG5 bronze acc. to EN 1982, CC493K
11. Wedge	Ductile iron with EPDM rubber	12. Body	Ductile iron, min. GJS-400-15 (GGG-40)

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

**Reference Nos. and Dimensions:**

AVK ref. nos	DN mm	Flange drilling	L mm	H mm	H3 mm	F mm	F1 mm	F2 mm	Theoretical weight kg
02-050-67-076	50	PN25	250	241	324	14	17	29	12
02-065-67-076	65	PN25	271	271	364	17	20	34	15
02-080-67-076	80	PN25	280	297	397	17	20	34	19
02-100-67-076	100	PN25	300	334	444	19	22	38	25
02-125-67-076	125	PN25	325	376	501	19	22	38	33
02-150-67-076	150	PN25	350	448	598	19	22	38	49
02-200-67-076	200	PN25	400	562	742	24	28	42	70
02-250-67-076	250	PN25	450	664	877	27	31	47	110
02-300-67-076	300	PN25	500	740	968	27	31	47	160