



## AVK SERVICE CONNECTION VALVE, DI, PN 10

03/25

For gas, internal thread, NBR wedge

004

AVK resilient seated service connection valves are designed with built-in safety in every detail and with full traceability of vital valve components. The wedge is vulcanized with AVK's own oil and gas resistant NBR 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 replaceable under pressure, the high strength stem and the thorough corrosion protection safeguard the unmatched reliability.

### Product Description:

Service connection valve - internal thread for gas -20°C to +60°C

### Standards:

- Designed according to EN 13774

### Test/Approvals:

- Hydraulic test to DIN 3230-5, PG 3 and EN 13774
- Seat: 1.1 X PN and 0.5 with air (in bar). Body: 1.5 X PN with water, 1.1 X PN and 0.5 with air (in bar)
- Approved according to DIN-DVGW Certificate NG-4313BQ0203
- Approved according to SVGW Certificate No. 08-069-5

### Features:

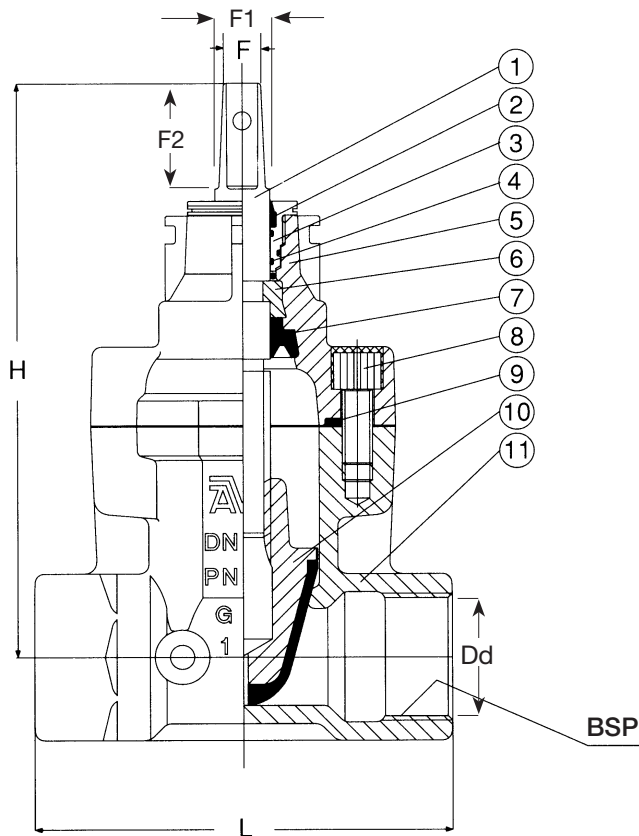
- Wedge shaped with guides and designed with a special rubber profile ensuring low closing torques
- Stainless steel stem with rolled threads providing high strength
- Full circle thrust collar provides fixation of the stem and low free running torques
- Triple safety stem sealing with an NBR manchette, 4 NBR O-rings in a replaceable stem seal nut of dezincification resistant brass, and an NBR wiper ring
- NBR 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:

Handwheel, stem cap, extension spindle and street cover



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**Component List:**

1. Stem	Stainless steel min. 13% Cr	2. Wiper ring	NBR rubber
3. Stem seal nut	Dezincification resistant brass CZ132	4. O-ring	NBR rubber
5. Bonnet	Ductile iron, GJS-500 (GGG-50)	6. Thrust collar	Dezincification resistant brass CZ132
7. Manchette	NBR rubber	8. Bonnet bolt	Stainless steel A2, sealed with hot melt
9. Bonnet gasket	NBR rubber	10. Wedge	Dezincification resistant brass with NBR rubber
11. Body	Ductile iron, GJS-500 (GGG-50)		

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

**Reference Nos. and Dimensions:**

AVK ref. nos	DN mm	Dd mm	Product PN Class	L mm	H mm	F mm	F1 mm	F2 mm	Theoretical weight kg
03-032-25-00237	25	32	PN10	115	180	12	15	35	2.9
03-040-25-00237	32	40	PN10	130	190	12	15	35	3.2
03-050-25-00237	40	50	PN10	150	203	12	15	35	5.2
03-063-25-00237	50	63	PN10	180	213	12	15	35	6.4