



## AVK SERVICE CONNECTION VALVE, DI, PN10

Internal thread, replaceable stem sealing, NBR

03/25-004

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 with 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
- Fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901

### Accessories:

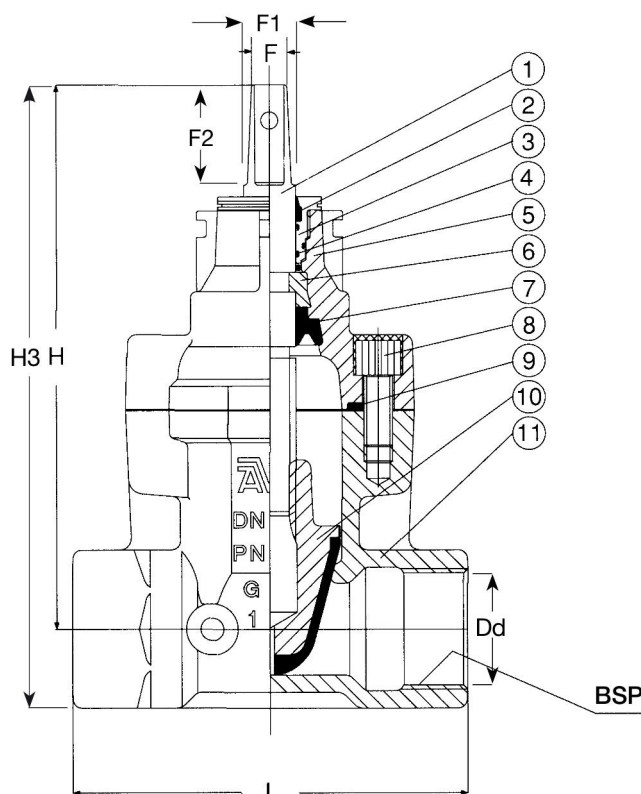
Handwheel, stem cap, extension spindle and street cover



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#### Component list:

1. Stem	Stainless steel 1.4104 (430F)	7. Manchette	NBR rubber
2. Wiper ring	NBR rubber	8. Bonnet bolt	Stainless steel A2, sealed with hot melt
3. Stem seal nut	Brass, DZR CW602N	9. Bonnet gasket	NBR rubber
4. O-ring	NBR rubber	10. Wedge	Brass, DZR CW626N with NBR
5. Bonnet	Ductile iron GJS-500-7 (GGG-50)	11. Body	Ductile iron GJS-500-7 (GGG-50)
6. 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	Dd	BSP	Product	L	H	H3	F	F1	F2	Theoretical weight/kg
	mm	mm	internal	PN Class	mm	mm	mm	mm	mm	mm	
03-032-25-00237 <sup>(1)</sup>	25	32	1"	PN10	115	180	203	12	15	35	3.0
03-040-25-00237	32	40	1 1/4"	PN10	130	190	213	12	15	35	3.0
03-050-25-00237	40	50	1 1/2"	PN10	150	203	233	12	15	35	5.2
03-063-25-00237	50	63	2"	PN10	180	213	255	12	15	35	6.0

(1) Not CE approved