



AVK GATE VALVE, SHORT SPIGOT ENDS, PN16

32/60-010

For AC pipes to ISO class 18, 1.4404/316L stem

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:

Gate valve with spigot ends for asbestos cement pipes to ISO class 18. For drinking water and neutral liquids to max. 70°C

Standards:

- Designed according to EN 1074 part 1 & 2, Designed according to EN 1171

Test/Approvals:

- 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
- Stem of acid-resistant stainless steel 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
- Fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901, GSK approved, min. 300 micron

Accessories:

Stem cap, handwheel, extension spindle, street cover, combi-flange and coupling

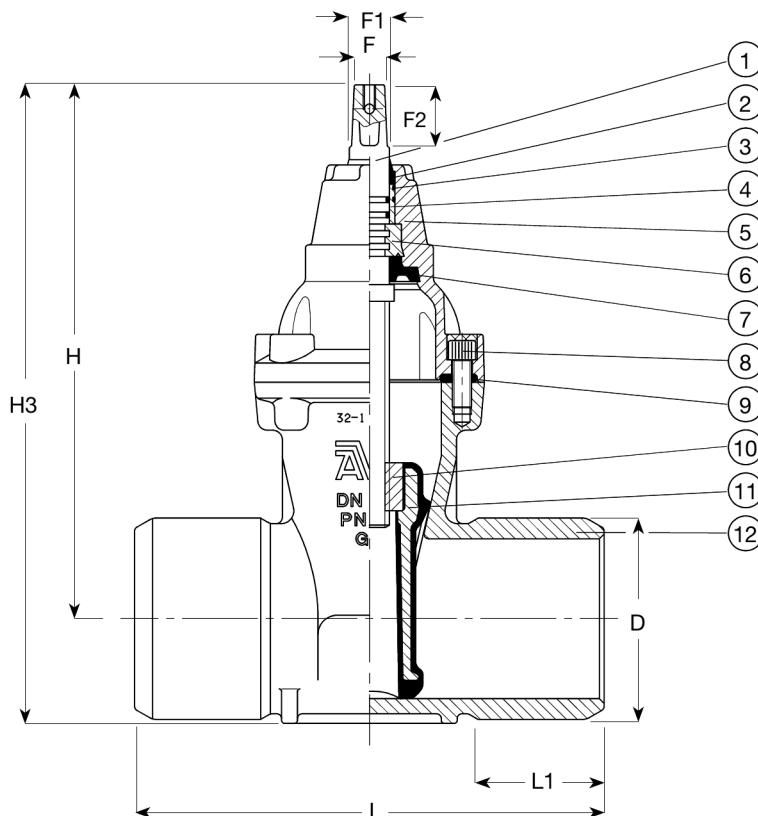


Expect ... **AVR**

AVK GATE VALVE, SHORT SPIGOT ENDS, PN16

32/60-010

For AC pipes to ISO class 18, 1.4404/316L stem



Component list:

1. Stem	Stainless steel 1.4404 (316L)	7. Manchette	EPDM rubber
2. Wiper ring	NBR rubber	8. Bonnet bolt	Stainless steel A4, sealed with hot melt
3. O-ring	NBR rubber	9. Bonnet gasket	EPDM rubber
4. Bearing	Polyamide	10. Wedge nut	Brass DZR CW626N
5. Bonnet	Ductile iron GJS-500-7 (GGG-50)	11. Wedge	Ductile iron, EPDM encapsulated
6. Thrust collar	Brass DZR CW602N	12. Body	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	D	Product	H	H3	L	L1	F	F1	F2	Theoretical weight/kg
	mm	mm	PN Class	mm	mm	mm	mm	mm	mm	mm	
32-080-60-0141099	80	106	PN16	297	393	280	91	17	20	34	13
32-100-60-0141099	100	126	PN16	334	393	300	93	19	22	38	15
32-150-60-0141099	150	178	PN16	448	533	350	101	19	22	38	29
32-200-60-0141099	200	234	PN16	562	689	400	111	24	28	42	50
32-225-60-0141099	225	255	PN16	616	785	425	97,5	27	31	47	75
32-250-60-01610	250	288	PN16	664	802	450	140	27	31	47	123
32-300-60-01610	300	344	PN16	740	906	500	148	27	31	47	194
32-400-60-01610	400	456	PN16	959	1182	600	145	32	37	55	265
32-450-60-01610 (1)	450	508	PN16	951	1371	650	154	40	40	80	570

(1) With series 55 bonnet