



AVK RESILIENT SEATED GATE VALVE WITH SUPA PLUS™ SOCKET CONNECTIONS

01/79

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The Series 01/79 is a resilient seated PN16 wedge gate valve complete with Supa Plus™ sockets for isolation purposes, removing the need for electrofusion installation. For use with uPVC and PE pipes.

Product Description:

For isolation purposes for water and wastewater: -10° C to +70° C. 10% solid matter. Insulation essential for temperatures of 0° C and below. Clockwise to close. Suitable for use with water and neutral liquids (sewage).

Standards:

- Designed according to BS5163/B, Designed according to EN 1074 - 2 Annex B (BS5163/Type B)
- SUPA Plus socket according to EN12842.

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. SUPA Plus™ Socket : according to pipe standard.
- WRAS approved Materials

Features:

- Cap top as standard.
- Ductile iron wedge, fully vulcanised with EPDM rubber.
- O-ring stem seals replaceable under pressure.
- Fusion bonded epoxy coating to WIS 4-52-01.
- Fully corrosion resistant construction.
- Counter sunk and sealed stainless steel bonnet bolts encircled by the bonnet gasket.
- Angular deflection $\pm 3.5^\circ$ per socket.

Options:

- Clockwise to open (red insert)

Accessories & Additional Information:

Hand-wheel, Extension spindles, Street covers, T Keys.

Series 05 stainless steel liners. AVK recommend that Series 05 internal support bushes should always be used with polyethylene pipe systems.

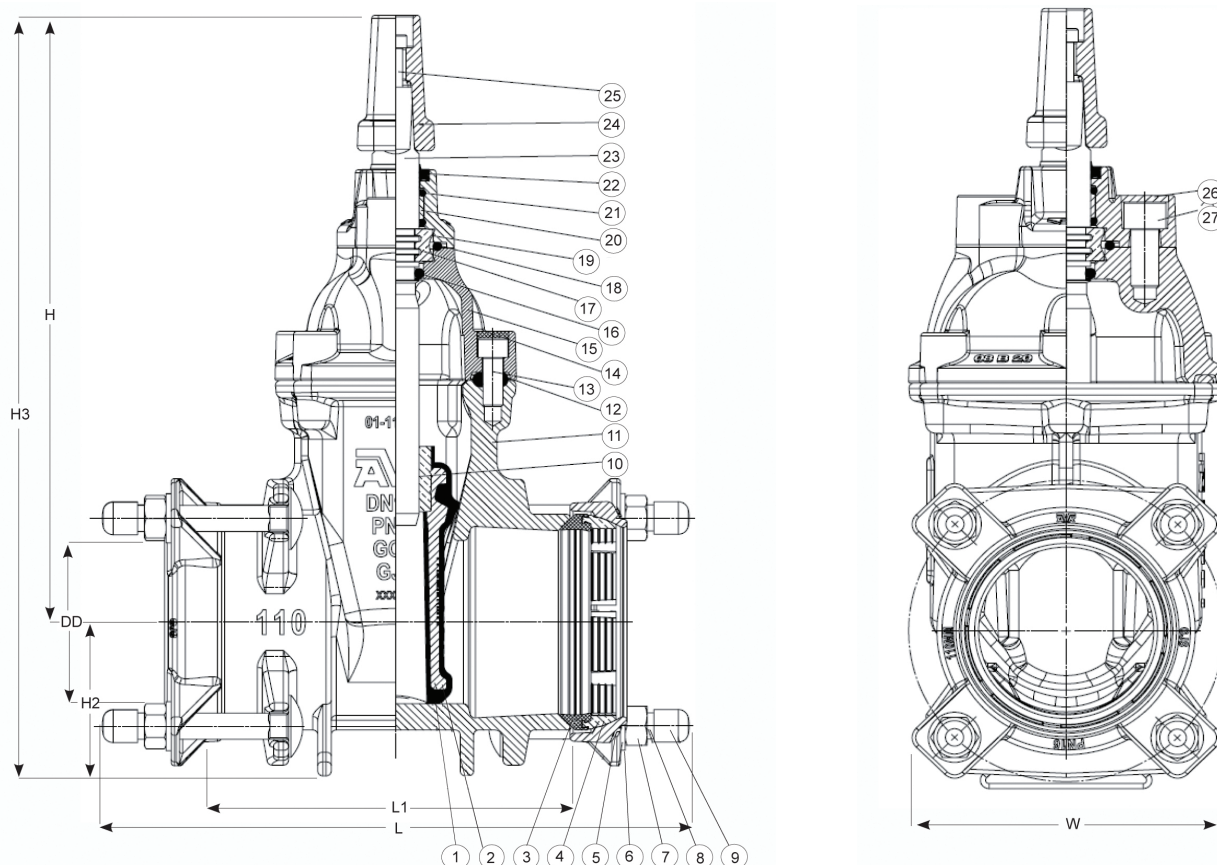


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Component List:

1. Wedge Rubber	EPDM WRAS	2. Wedge Body	DI, EN-GJS-450-10 BS EN 1563
3. Gasket	EPDM WRAS	4. Tensile Ring	Bronze BS 1400; LG2
5. Bracket	DI EN 1563; GJS-500-7	6. Washer, M16,	SS ISO 3506; Grade A2 DIN 125A A2
7. Nut M16	Grade A4 - Delta Seal	8. Square neck bolt	Grade A2
9. Cap	Plastic	10. Wedge Nut	Dezincification resistant brass
11. Body	DI EN 1563; GJS-500-7	12. Bonnet gasket	EPDM WRAS
13. Bolt	HT Steel Grade 8.8 FZB	14. Bolt Cover	Holt melt
15. Bonnet	DI EN 1563; GJS-500-7	16. O-ring	NBR/EPDM, EN 681-1, WRAS
17. Thrust collar	Dezincification resistant brass	18. O-ring	NBR/EPDM, EN 681-1, WRAS
19. Gland flange	DI EN 1563; GJS-500-7	20. Bearing shell	PA 6.6 (Polyamid)
21. O-ring	NBR/EPDM, EN 681-1, WRAS	22. Wiper Ring	NBR/EPDM, AS1646
23. Stem	SS EN 10088-1; (W 1.4021)	24. Stem Cap	Ductile iron
25. Cap screw	HT Steel grade 8.8 FZB	26. Screw cover	Holt melt
27. Bolt	HT Steel grade 8.8 FZB	Coating	Fusion bonded epoxy

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

Reference Nos. and Dimensions:

AVK ref. nos	DN mm	DD mm	H mm	H2 mm	H3 mm	L mm	L1 mm	W mm	Theoretical weight kg
01-090-79-21469	80	90	339	68	407	320	200	150	16
01-110-79-21469	100	110	371	94	465	328	208	180	25
01-180-79-21469	150	180	503	128	631	384	260	250	56
01-225-79-21469	200	225	592	172	764	463	309	283	75
01-280-79-21469	250	280	680	184	864	521	339	372	119
01-315-79-21469	300	315	758	208	966	562	380	448	143

The designs, materials and specifications shown are subject to change without notice.
This is due to the continuous development of our product programme.

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