



AVK GATE VALVE WITH PE-PIPES, NBR, PN16

36/82



Material design and testing to AS 2638.2, reduced weight and environmentally friendly
For fusion welded installation in PE water pipes to AS/NZ 4130



Use:

- For water, sewage and neutral liquid applications
 - Valve designed for use up to 70°C
 - Where applicable; for AS 4020 compliance, max temp = 40°C
 - PE-pipe material to max. 20°C
- Note: Always observe pipe material recommended operating temperatures



Tests:

- Valve Hydraulic test to AS 2638.2:
 - Seat: 16 bar
 - Body: 24 bar
 - Operating torque test

Optional Extras:

- Handwheel



Quality
ISO 9001



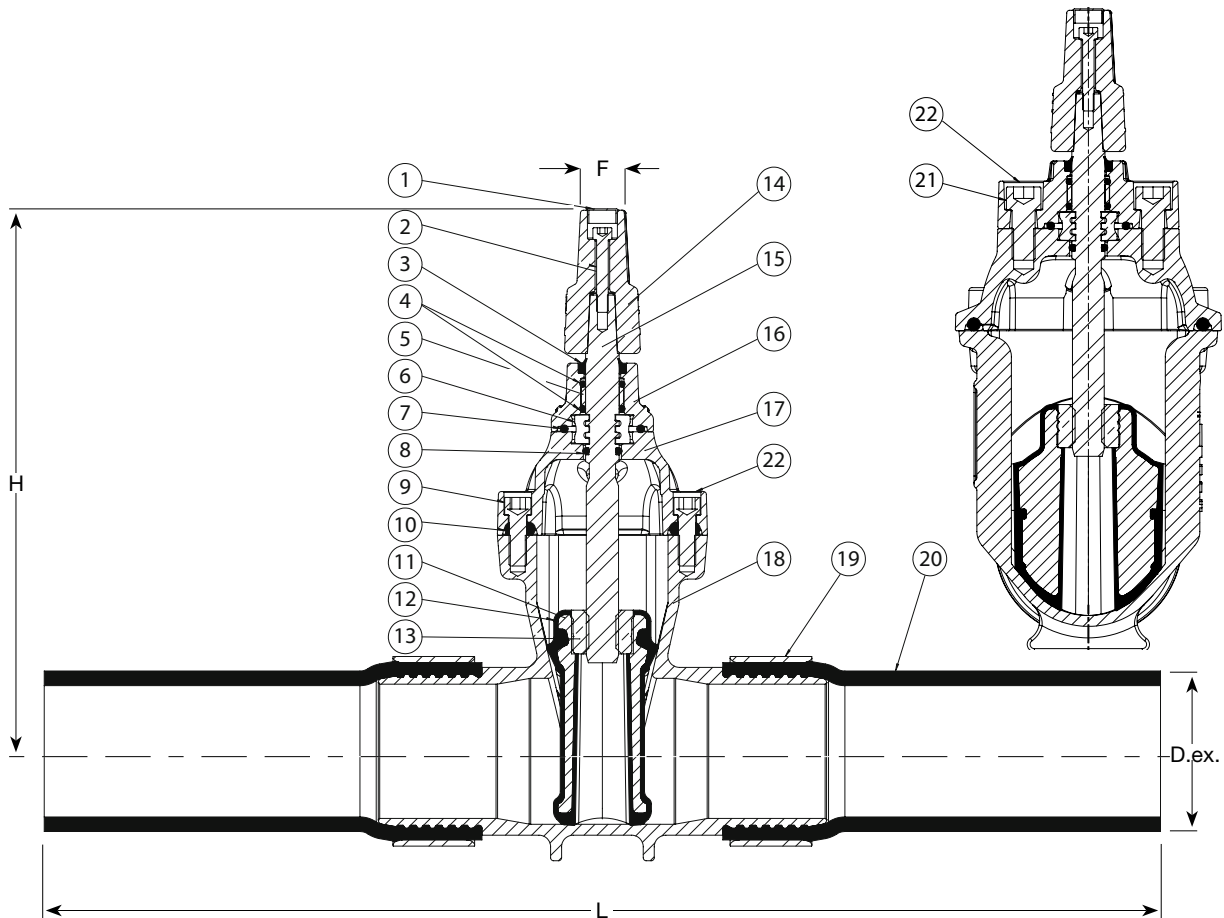
Health & Safety
AS 4801



Environment
ISO 14001



Expect... **AVR**



Component list

1. Insert	Ductile Iron, 500-7 to AS 1831	13. Wedge nut	Dezincification resistant brass, CZ 132 to AS 2345
2. Bolt	Grade 8.8 sealed with hot melt	14. Stem cap	Ductile Iron, 400-12 to AS 1831
3. Wiper ring	NBR	15. Stem	Stainless steel 431
4. O-ring	NBR	16. Gland flange	Ductile Iron, 500-7 to AS 1831
5. Bushing	Polyamid	17. Bonnet	Ductile Iron, 500-7 to AS 1831
6. Thrust collar	Dezincification resistant brazz, CZ 132 to AS 2345	18. Body, socket	Ductile Iron to AS 1831
7. O-ring	NBR	19. Sleeve	Stainless Steel* / Mild steel with Nitto Denko sleeve
8. O-ring	NBR	20. Pipe	PE100-water pipes to AS 4130
9. Bonnet bolt	Grade 8.8 sealed with hot melt	21. Gland flange bolt	Grade 8.8 sealed with hot melt
10. Bonnet gasket	EPDM rubber	22. Hot melt	
11. Wedge	Ductile Iron 500-7 to AS 1831		
12. Wedge rubber	NBR rubber		

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

AVK ref. nos. CC	AVK ref. nos. ACC	DN mm	PE-pipe D.ex mm	L mm	H mm	F mm	Weight kilos
36-090-82483412	36-090-82483512	80	90	950	297	17	20
36-110-82483412	36-110-82483512	100	110	975	334	19	27
36-125-82483412	36-125-82483512	125	125	1100	376	19	39
36-140-82438412	36-140-82483512	125	140	1100	376	19	41
36-160-82438412	36-160-82483512	150	160	1100	448	19	52
36-180-82483412	36-180-82483512	150	180	1100	448	19	58
36-200-82483412	36-200-82483512	200	200	1120	562	24	88