



AVK GATE VALVE WITH PE-PIPES PN16

36/20

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: 17.6 bar
 - Body: 24 bar
 - Operating torque test

Optional Extras:

- Handwheel (refer to series 36/28)
- ISO flange for gearbox/actuation (refer to series 36/22)



Quality
ISO 9001

SAI GLOBAL



Health & Safety
AS 4801

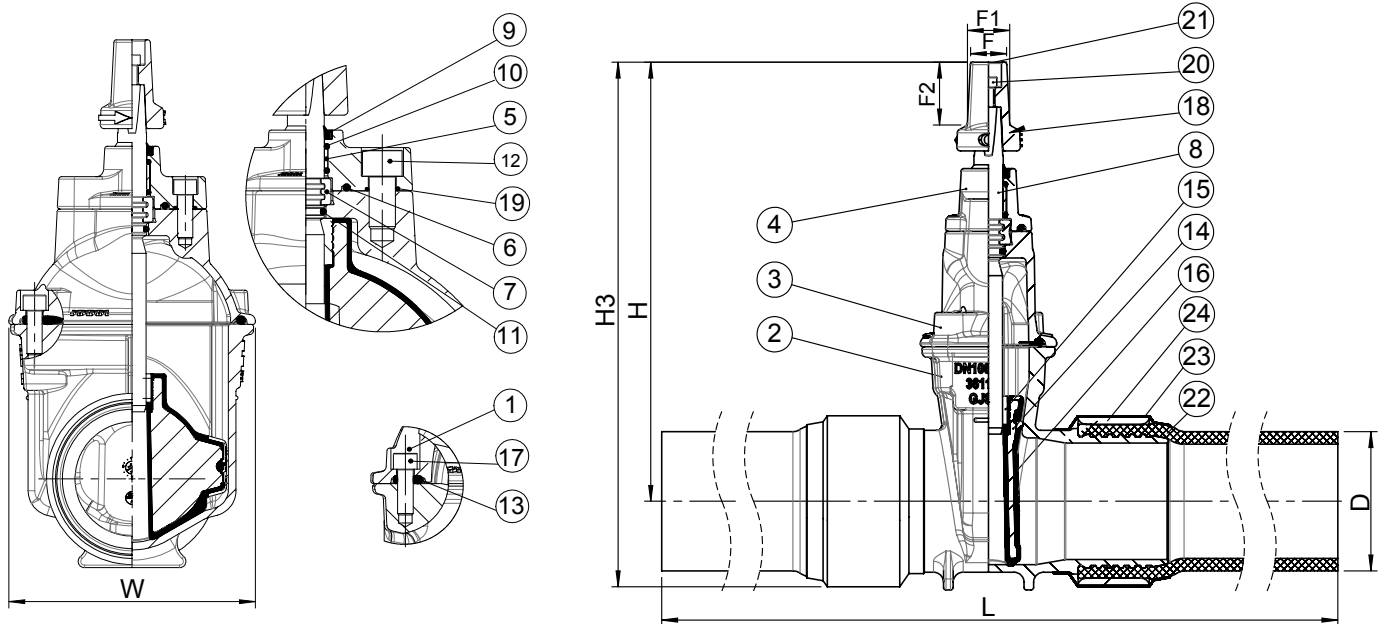
SAI GLOBAL



Environment
ISO 14001

SAI GLOBAL





Component list

1. Hot melt seal		14. Wedge	Ductile Iron, 500-7 to AS 1831
2. Body	Ductile Iron, 500-7 to AS 1831	15. Wedge nut	Dezincification resistant brass, CZ 132 to AS 2345
3. Bonnet	Ductile Iron, 500-7 to AS 1831	16. Wedge rubber	EPDM
4. Gland flange	Stainless Steel CF8M	17. Bolt socket	Stainless Steel 316, fully encapsulated with hot melt glue
5. Bushing	Polyamide	18. Stem cap	Ductile Iron, 500-7 to AS 1831, 35mm cap square
6. O-ring	NBR	19. O-ring	NBR
7. Thrust collar	Dezincification resistant brass, CZ 132 to AS 2345	20. Bolt socket	Stainless Steel 316
8. Stem	Stainless Steel 431	21. Stem cap insert	Plastic
9. Wiper ring	NBR	22. Pipe	PE100 SDR11 to AS 4130
10. O-ring	NBR	23. Shrink hose	Nitto denko
11. O-ring	NBR	24. Sleeve	Mild steel
12. Bolt socket	Stainless Steel 316, fully encapsulated with hot melt glue		
13. Bonnet gasket	EPDM 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	D mm	L mm	W mm	H mm	H3 mm	F mm	F1 mm	F2 mm	Weight kg
Refer to 36/81 Datasheet		*50									
Refer to 36/81 Datasheet		*65									
36-090-20-483412	36-090-20-483512	80	90	888	174	324	382	30	35	50	13.11
36-110-20-483412	36-110-20-483512	100	110	741	195	347	417	30	35	50	17.73
36-125-20-483412	36-125-20-483512	125	125	1091	222	391	476	30	35	50	23.71
36-140-20-483412	36-140-20-483512	125	140	875	222	391	476	30	35	50	27.46
36-160-20-483412	36-160-20-483512	150	160	1060	275	429	528	30	35	50	40.22
36-180-20-483412	36-180-20-483512	150	180	1057	275	429	537	30	35	50	38.4
36-200-20-483412	36-200-20-483512	200	200	1077	335	561	686	29	35	57	65.9
36-225-20-483412	36-225-20-483512	200	225	1077	335	561	695	29	35	57	74.38
36-250-20-483412	36-250-20-483512	250	250	1350	422	656	808	29	35	57	100.97
36-280-20-483412	36-280-20-483512	250	280	1350	422	656	817	29	35	57	123.38
36-315-20-483412	36-315-20-483512	300	315	1316	452	739	930	29	35	57	171.94