



## AVK GATE VALVE WITH PE-PIPES, NBR, PN16

36/85

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:

- CSG produced water
  - Sewage
  - Non potable water
  - Valve designed for use up to 70°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
- Extension stem
- Gearbox



Quality  
ISO 9001

SAI GLOBAL



Health & Safety  
AS 4801

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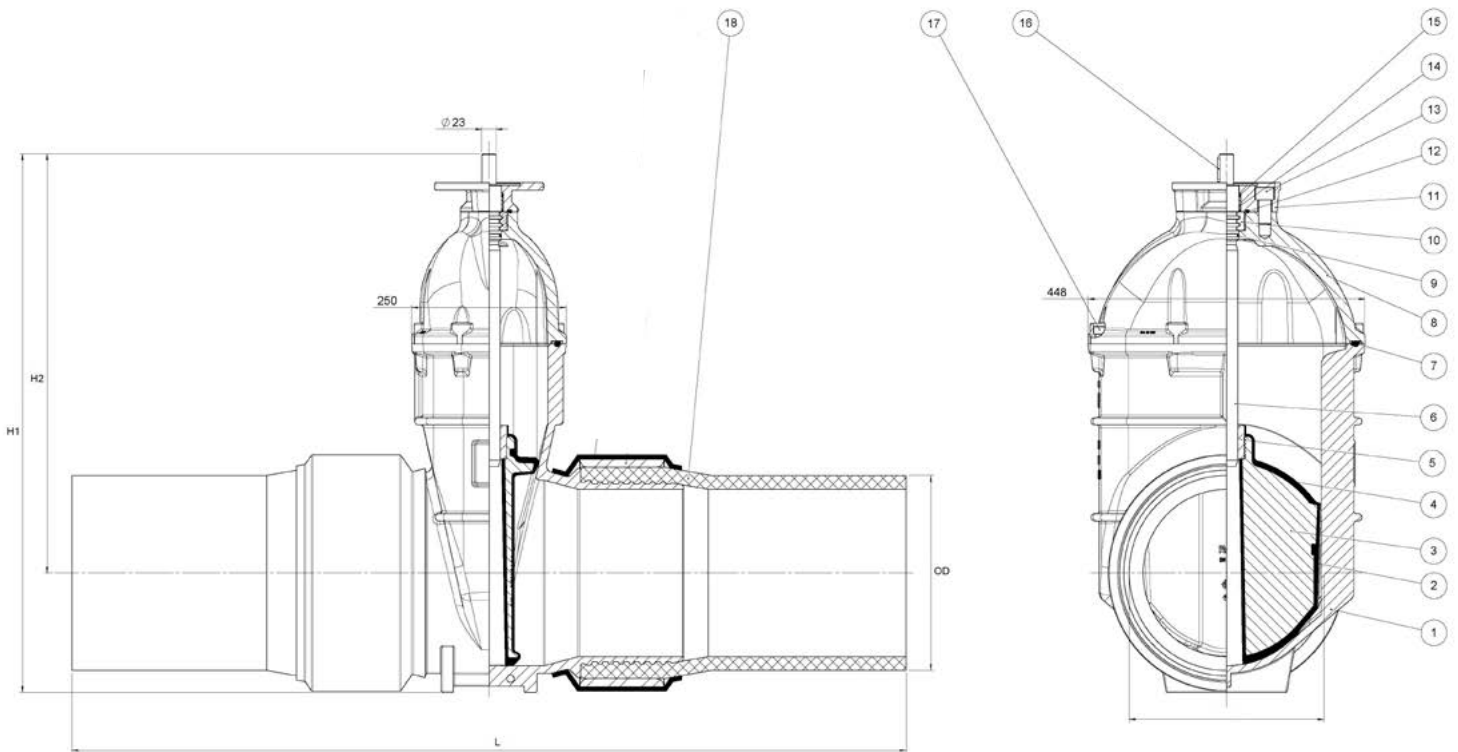


Environment  
ISO 14001

SAI GLOBAL



Expect... **AVK**



**Component list**

1. Body	Ductile Iron EN-GHS to BS EN 1563	10. Thrust collar	Dezincification resistant brass CZ132 to EN 12165
2. Wedge shoe	Polyamid	11. Gland flange	Ductile Iron EN-GHS to BS EN 1563
3. Wedge body	Ductile Iron EN-GJS-500-7 to BS EN 1563	12. O-ring	NB
4. Wedge rubber	NBR	13. Bolt socket	Stainless Steel 306, Grade A2
5. Wedge nut	Dezincification resistant brass CZ132 to EN 12165	14. Bushing	Polyamid
6. Stem	Stainless Steel 431	15. O-ring	NBR
7. Bonnet gasket	NBR	16. Key	A2
8. Bonnet	Ductile Iron EN-GHS to BS EN 1563	17. Bolt socket	FZV 12.9
9. O-ring	NBR	18. Pipe	PE100, SDR 11
		19. Sleeve	Stainless Steel

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	H2 mm	F mm	Weight kilos
36-090-82483412	36-090-82483512	80	90	950	293	385	23	20
36-110-82483412	36-110-82483512	100	110	975	332	429	23	27
36-125-82483412	36-125-82483512	125	125	1100	376	511	23	39
36-140-82438412	36-140-82483512	125	140	1100	376	511	23	41
36-160-82438412	36-160-82483512	150	160	1100	422	562	23	52
36-180-82483412	36-180-82483512	150	180	1100	422	562	23	58
36-200-82483412	36-200-82483512	200	200	1120	592	757	23	88
36-260-82483412	36-260-82483512	260	260	1350	600	802	23	118
36-280-82483412	36-280-82483512	280	280	1350	600	802	23	120
36-315-82483412	36-315-82483512	315	315	1350	676	901	23	140