



## AVK FIRE HYDRANT PN16

29/588

To NZ 4522:2010 - Squat model for use in New Zealand  
Screw-down type with screwed 2 1/2" round thread outlet and DN80 inlet  
Inlet flange to AS 4087 DN100  
Universally drilled AS 2129 Table D, DN80/DN90. Coating to AS/NZS 4158

### Use:

- For fire protection services, water and neutral liquid applications
- Valve designed for use up to 70°C
- Where applicable; for AS 4020 compliance, max temp = 40°C  
Note: Always observe pipe material recommended operating temperatures
- Insulation essential for installations subject to temperatures of 0°C and lower

### Tests:

- Hydraulic test to NZS 4522:2010
  - Seat: 2,000 kPa (ASTP)
  - Body: 2,000 kPa (ASTP)

### Optional Extras:

- Loose stopper
- Various outlets
- Frost plug



Quality  
ISO 9001  
SAI GLOBAL



Health & Safety  
AS 4801  
SAI GLOBAL

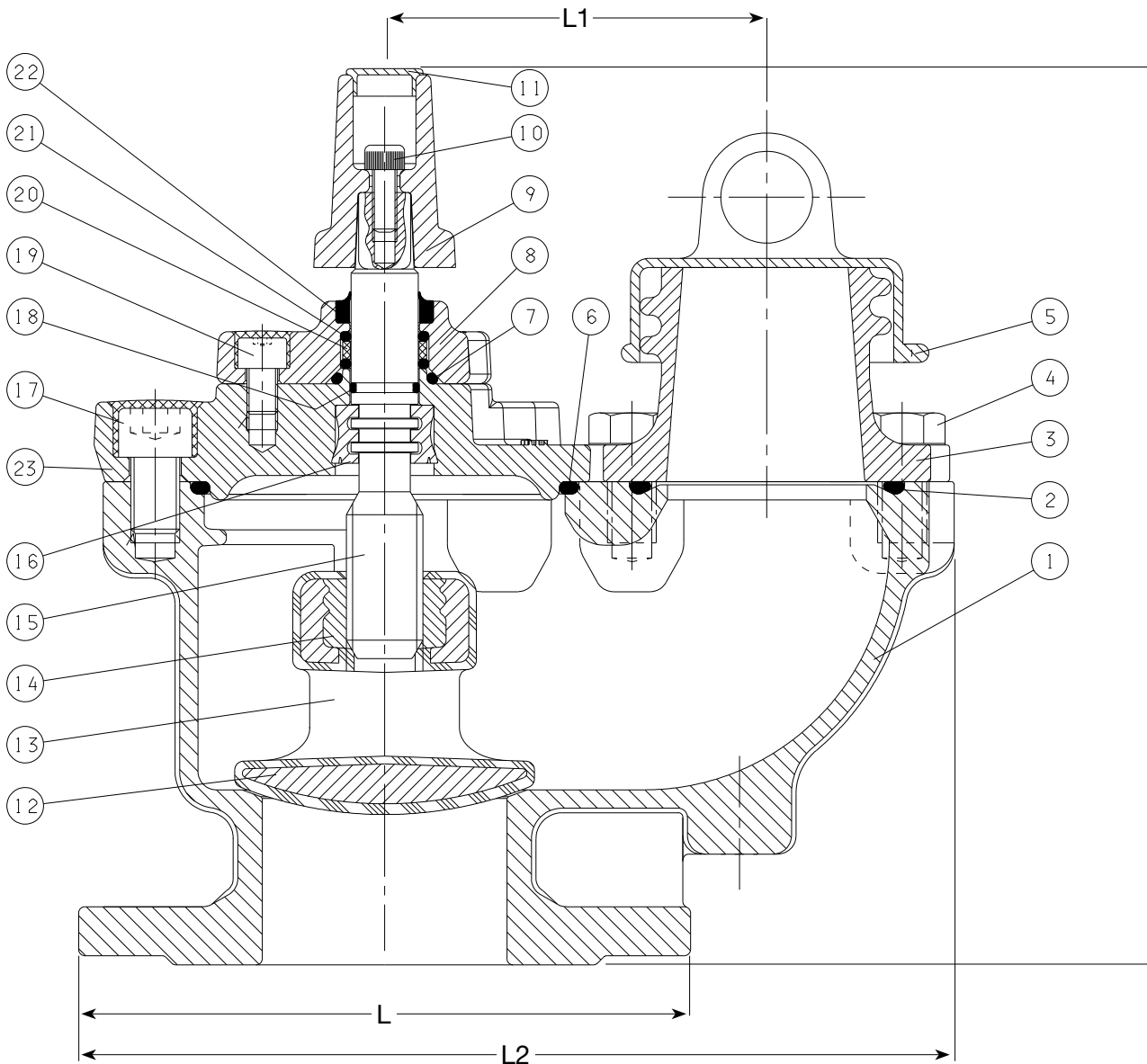


Environment  
ISO 14001  
SAI GLOBAL



NZS 4522:2010  
Lic: SMK40287  
SAI Global

Expect... **AVK**



**Component list**

1. Body squat	Ductile Iron to AS 1831 Grade 500-7	14. Fixed nut	Dezincification resistant brass CZ 132 to AS 2345
2. Outlet o-ring	NBR	15. Stem	Stainless Steel, BS 970 Gr 431 S29
3. Outlet	Stainless Steel 316	16. Thrust collar	Dezincification resistant brass CZ 132 to AS 2345
4. Outlet bolt	A4/316 Stainless Steel	17. Bonnet insert bolt	A4/316 Stainless Steel encapsulated with hot melt glue
5. Dust cap	PE for screwed outlet	18. O-ring	NBR
6. Bonnet o-ring	NBR	19. Gland bolt	A4/316 Stainless Steel encapsulated with hot melt glue
7. Gland o-ring	NBR	20. Bushing	PA 6.6 (Polyamid)
8. Gland flange	Ductile Iron to AS 1831 Grade 500-7	21. O-ring	NBR
9. Stem cap	Ductile Iron to AS 1831 Grade 400-15	22. Wiper ring	NBR
10. Cap bolt	A4/316 Stainless Steel		
11. White insert			
12. Stopper core	EPDM		
13. Fixed stopper	Ductile Iron to AS 1831 Grade 500-7		

Components can be substituted with equivalent or higher class materials.

**Reference nos. and dimensions**

AVK ref. nos	DN mm	L	H	L1	L2	Weight kilos
29-588-81285102	80	220	293	125	286.5	18