



## AVK GATE VALVE PN16

55/80

To AS 2638.2 - DN600 with DN150 bypass  
Face to face dimension to AS 2638.2  
Flanged and drilled to AS 4087 Fig. B5. Gland flange to ISO 5210 - F16

### 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
- Note: Always observe pipe material recommended operating temperatures

### Tests:

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

### Optional Extras:

- Handwheel
- Gearbox
- Electric actuator
- Without DN150 bypass arrangement (i.e. blanked off)



Quality  
ISO 9001  
SAI GLOBAL



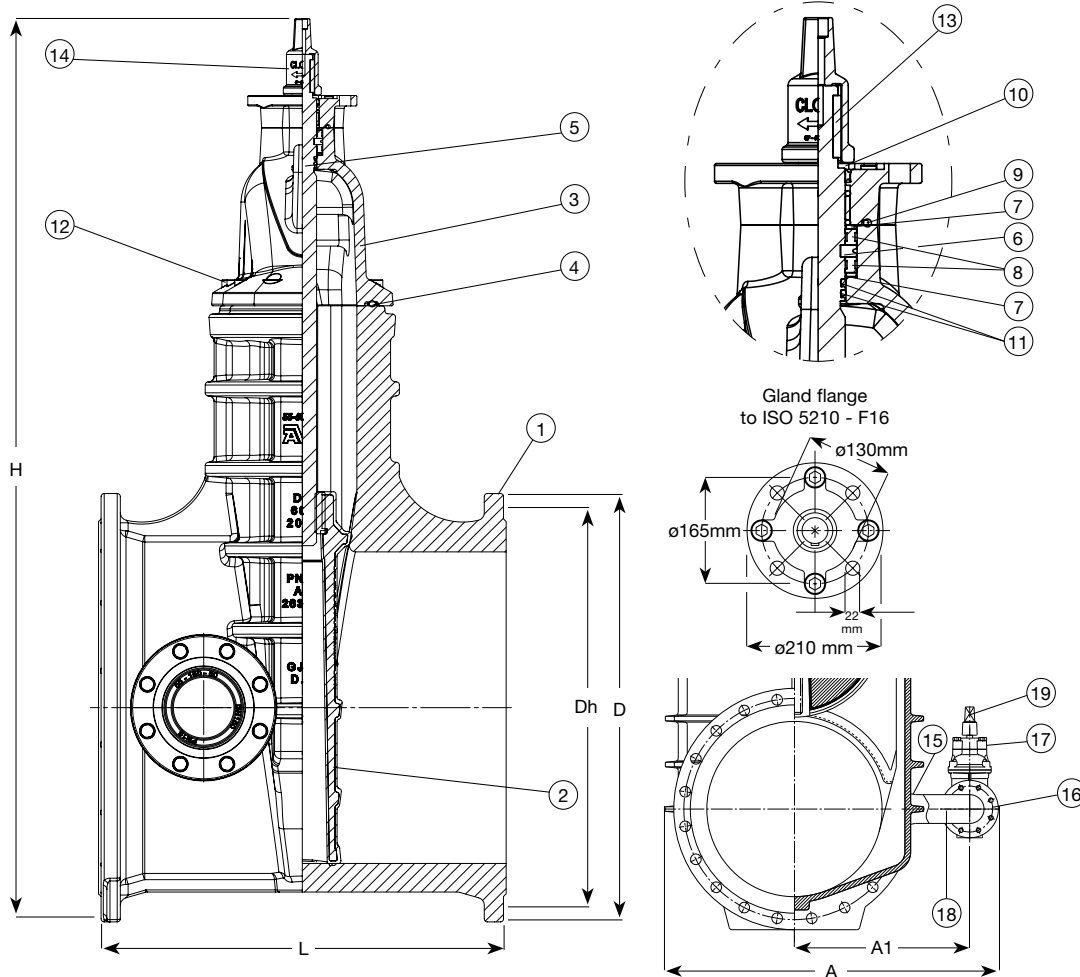
Health & Safety  
AS 4801  
SAI GLOBAL



Environment  
ISO 14001  
SAI GLOBAL



Australian  
Standard  
AS2638.2-2006  
Lic. SMK02420  
SAI Global



**Component list**

1. Body	Ductile Iron, 500-7 to AS 1831	11. O-ring	EPDM rubber
2. Wedge	Ductile Iron, grade 500-7, core fully vulcanised with EPDM rubber	12. Bonnet bolt	Stainless Steel 316 fully encapsulated with hot melt glue
3. Bonnet	Ductile Iron, 500-7 to AS 1831	13. Key	Stainless Steel 316
4. Bonnet gasket	EPDM rubber	14. Stem cap - main valve	Ductile Iron, 500-7 to AS 1831
5. Stem	Stainless Steel 431	15. Bypass gasket	EPDM rubber
6. Thrust collar	Stainless Steel 316	16. Bolt, nut & washer	Stainless Steel 316
7. Thrust washer	Stainless Steel 316	17. Bypass valve	To AS 2638.2. Refer to series 57/90
8. Thrust bearing	Cylindrical roller thrust bearing		Datasheet
9. O-ring	EPDM rubber	18. Elbow	Ductile Iron, 500-7 to AS 1831
10. Wiper ring	NBR	19. Stem cap-bypass valve	Ductile Iron, 500-7 to AS 1831

Components can be substituted with equivalent or higher class materials.

**Reference nos. and dimensions**

AVK ref. nos.	Closure	DN mm	L mm	H mm	D mm	Dh mm	Holes no.	A mm	A1 mm	Weight kilos	Keyway mm	Stem drive ød
<b>Without bypass</b>												
55-600-8005412061	CC	600	785	1740	825	756	16	988		1025	65x12	40
55-600-8015412061	ACC	600	785	1740	825	756	16	988		1025	65x12	40
<b>With bypass</b>												
55-600-8005412461	CC	600	785	1740	825	756	16	1493	892	1150	65x12	40
55-600-8015412461	ACC	600	785	1740	825	756	16	1493	892	1150	65x12	40