



AVK GATE VALVE DN700-1200, PN16 WITHOUT BYPASS

54/5Y

Metal seated gate valve designed according to BS EN 1074 Parts 1 & 2
Face to face dimensions to BS 5163:1986
Flanges cast to BS EN 1092-2, PN16 and drilled to AS 4087 B5
Distance piece mounting flange to ISO 5210

Use:

- For water, sewage and neutral liquid applications
 - Valve designed for use up to 70°C
 - FBE coating to AS 4158 (DN700-1000)
 - 2pack epoxy to 500 microns for DN1200
- Note: Valve stuffing box to be accessible in below ground installation

Tests:

- Hydraulic test in accordance with AS 2638.1
- Valve Seat Test - both directions:
 - 17.6 bar
- Body test:
 - 24 bar
- Coating tests:
 - Holiday test as per AS 3894.1 at 5V per micron
 - Thickness test as per AS 3894.3

Optional Extras:

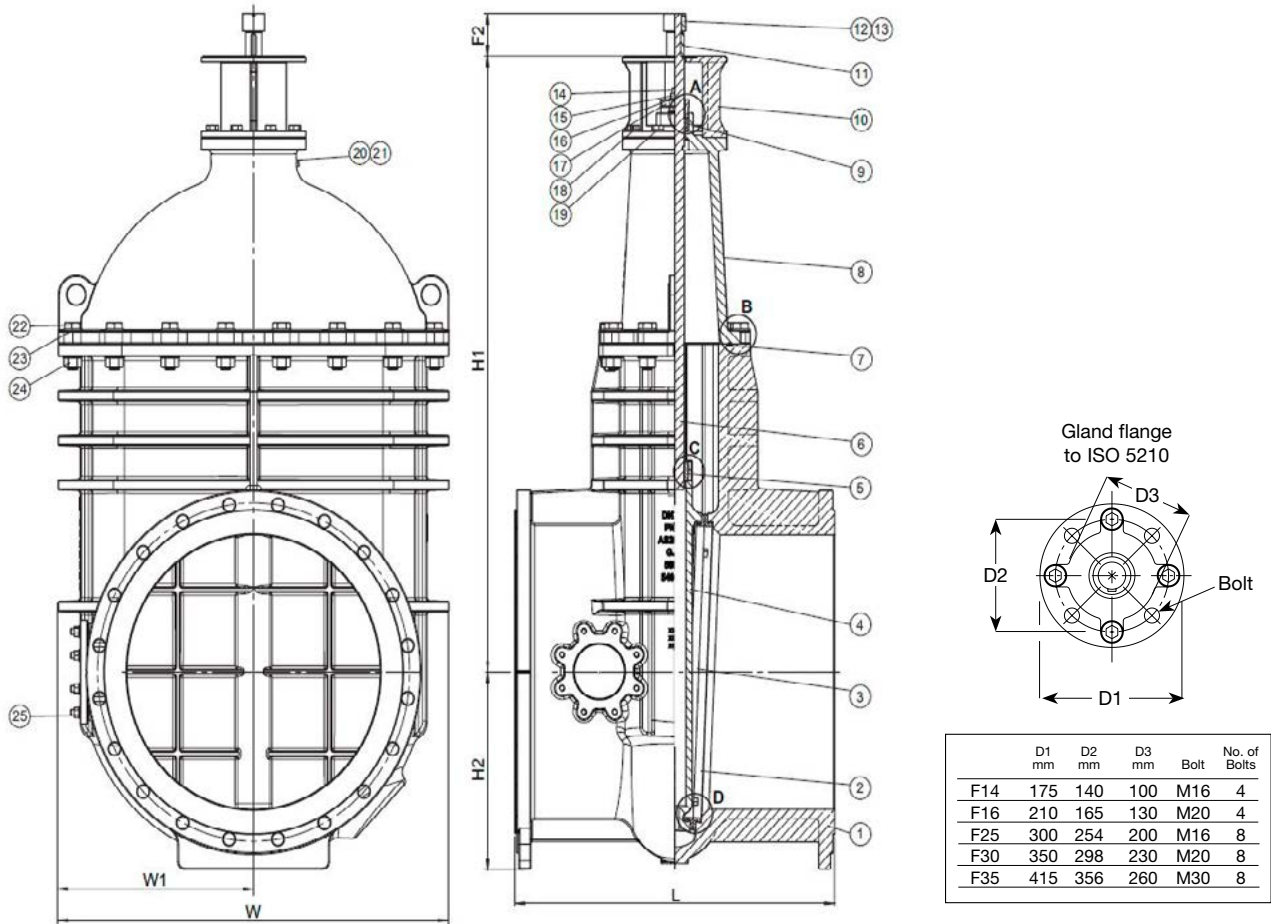
- Extension spindle
- Gearbox
- Electric actuators
- Bypass

Bypass valve::

- Resilient seated gate valve



Expect... **AVK**



Component list

1. Body	Ductile Iron, GJS-500-7 to EN 1563, (BS 2789 grade 500-7)	12. Thrust nut	Stainless Steel 316 (Grade A4)
2. Seat ring	Gunmetal to EN 1982 CC491K (BS 1400)	13. Grub screw	Stainless Steel 316 (Grade A4)
3. Wedge ring	Gunmetal to EN 1982 CC491K (BS 1400)	14. Stub	Stainless Steel 316 (Grade A4)
4. Wedge	Ductile Iron, GJS-500-7 to EN 1563 (BS 2789 grade 500-7)	15. Nut	Stainless Steel 316 (Grade A4)
5. Stem nut	Gunmetal to EN 1982 CC491K (BS 1400)	16. Washer	Stainless Steel 316 (Grade A4)
6. Stem	Stainless Steel 431	17. Gland	Ductile Iron, GJS-500-7 to EN 1563 (BS 2789 grade 500-7)
7. O-ring	EPDM/NBR	18. Screw	Stainless Steel 316 (Grade A4)
8. Bonnet	Ductile Iron, GJS-500-7 to EN 1563 (BS 2789 grade 500-7)	19. Washer	Stainless Steel 316 (Grade A4)
9. Packing	PTFE impregnated cord	20. Plug	Gunmetal to EN 1982 CC491K (BS 400)
10. Mounting flange	Ductile Iron, GJS-500-7 to EN 1563 (BS 2789 grade 500-7)	21. Gasket	EPDM
11. Key	Stainless Steel 316 (Grade A4)	22. Hex screw	Stainless Steel 316 (Grade A4)
		23. Washer	Stainless Steel 316 (Grade A4)
		24. Nut	Stainless Steel 316 (Grade A4)
		25. Stub bolt	Stainless Steel 316 (Grade A4)

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

AVK ref. nos. CC	AVK ref. nos. ACC	DN mm	L mm	H1 mm	H2 mm	W mm	W1 mm	F2 mm	ISO flange	Bypass DN	Theoretical weight kg
54070055584Y502	54070056584Y502	700	610	1497	455	1050	524	129	Y	NA	1441
54075055584Y502	54075056584Y502	750	950	1689	540	1160	580	144	Y	NA	1958
54080055584Y506	54080056584Y506	750*	660	1689	552	1160	580	129	Y	NA	1790
54080055584Y502	54080056584Y502	800	660	1689	552	1160	580	129	Y	NA	1790
54090055584Y502	54090056584Y502	900	711	1844	620	1310	655	131	Y	NA	2342
54100055584Y502	54100056584Y502	1000	813	2007	648	1404	702	136	Y	NA	3058
54120055584Y504	54120056584Y504	1200**	914	2427	773	1712	856	136	Y	NA	4691

* DN800 drilled to DN750
 ** Coating two pack epoxy 500 microns
 Y=ISO flange: 1=F14 2=F16 3=F25 4=F30 5=F35