



DONKIN SERIES 555S STEEL GATE VALVE, PUR COATED

555/103-002

Flanged Ends, PN7/PN16

The large diameter Series 555 Softseal Valve is a double-faced, resilient seat, internal screw, clear bore wedge gate valve. It is designed primarily for the isolation of natural gas and manufactured gas and comes with the new Donkin PUR coating system which allows the valve to be buried without further protection.

Product description:

Flanged Gate Valve to GIS/V7:Part 1. Maximum Working Pressure for DN50 - 16 bar (PN16 flange), 19 bar (ASA 150 flange). For DN400 - 600 - 7 Bar (100 PSGI). Temperature Range: -20°C to +60°C

Standards:

- Designed according to GIS/V7 Part 1
- Face-to-face dimension according to EN 558 Table 3 Basic Series 3
- Flange drilling to EN1092, PN16
- Coated according to EN10290 Class B and GIS/CW6.

Test/Approvals:

- Tested according to EN12266-1
- Approved according to KITE MARK GIS/V7-1
- Made in Great Britain
- UKCA / CE marked according to Pressure Equipment Directive

Features:

- High integrity coating for buried service. Maintenance free.
- Soft seal, positive shut off
- Full double block and bleed with pressure relieving plug
- Clear bore for under pressure drilling operations
- Metal to metal secondary seal
- "Flange feet" to aid installation and stockholding
- No lubrication required
- Double 'O' Ring stem seal
- Lifting lugs on all sizes
- Embodied Carbon Data available upon request
 - **Options:**
 - Pressure point/by-pass bosses cast into the valve as standard. These can be drilled and plugged at our factory if required
 - Alternative flange drilling
 - Gear box
 - Electric/pneumatic actuation

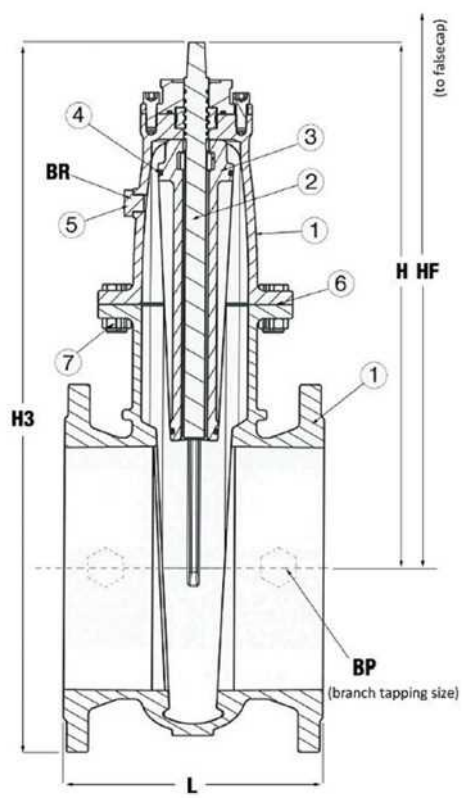
Accessories:

False cap, handwheel, door position indicator.



Expect... **AVR**

The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.



Component list:

1. Body and bonnet	Cast steel GP240GH A216	5. Pressure relief plug	Steel 11SMn30 (EN1A)
2. Stem	Stainless steel	6. Bonnet gasket	CNAF
3. Gate	Cast iron GJL-250 (GG-25)	7. Fasteners	Stainless steel A2-70
4. Seal	NBR rubber		

Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

AVK ref. no.	DN	H3	H	HF	BR	L	Turns	Theoretical
	mm	mm	mm	mm	DN	mm	to open	weight/kg
555-050-00-01333040	50	363	280	358	RP0.5	178	9	23
555-400-00-01333340	400	1274	867	930	RP0.75	406	36	378
555-450-00-01333340	450	1274	947	1010	RP0.75	432	40	461
555-600-00-01333340	600	1617	1189	1252	RP0.75	508	52	925
555-600-00-01333352	600	1643	1215	1182	RP0.75	508	52	935