



PUR COATED SOFTSEAL GATE VALVE

FLANGED ENDS, GIS/V7:PART 1



The Series 555/401 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 underground. Manufactured with the new Donkin PUR corrosion protection system, enabling burial without need for wrapping of the valve body. To ensure full long term protection, flanges and bolts should be wrapped in line with industry guidelines. Manufactured and approved to specification GIS/V7-1.

PRODUCT DESCRIPTION

Flanged Gate Valve to GIS/V7-1 Temperature -10° to +60°. Maximum Working Pressure: 7 bar (100 psig).

DESIGN STANDARDS

- BGE/S/V/3, EN 12266, GIS/V7 Part 1, MSS SP-70
- Face-to-face dimension according to EN 558 Table 2 Basic Series 3
- Flange Drilling according to EN1092-2

TEST/APPROVALS

- Test according to GIS/V7 Part 1
- CE marked according to Pressure Equipment Directive
- Approved according to GIS/V7 Part 1
- Made in Great Britain
- UKCA marked according to Pressure Equipment Regulations

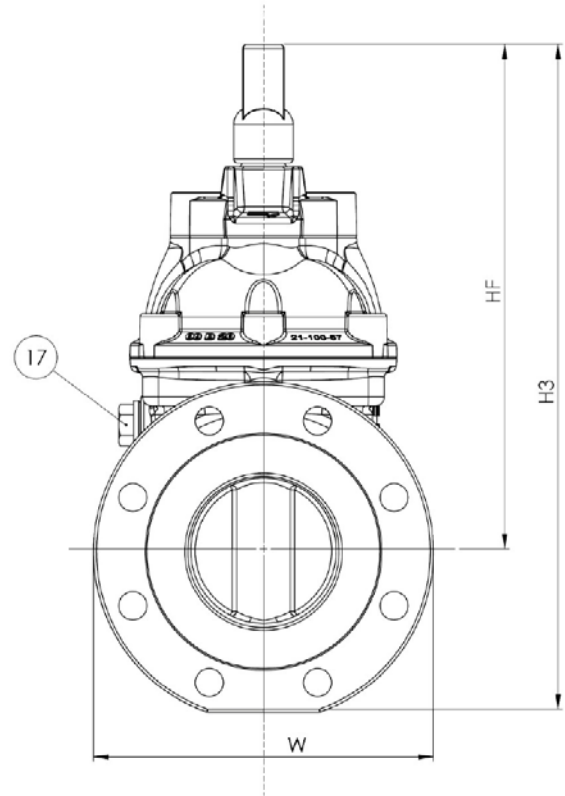
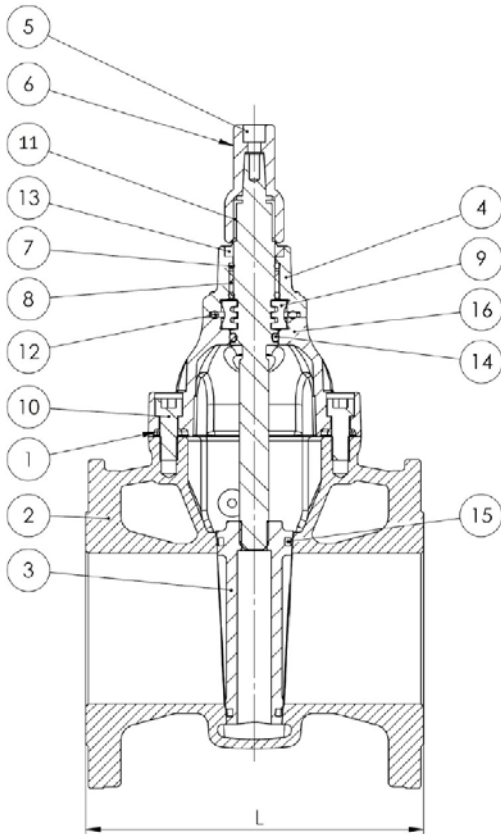
ACCESSORIES

- Hand wheel. False Cap. Downpipe adaptor

FEATURES

- High integrity coating for buried service with 20 year warranty to EN10290
- Valve installation tracker
- Soft seal, positive shut off, metal to metal 5 secondary sealing
- Full double block and bleed with pressure relieving plug
- Suitable for end of line service
- Kitemarked
- Clear bore for under pressure drilling operations
- Fully corrosion resistant construction
- Stainless steel spindle
- Maintenance free
- "Flange feet" to aid installation and stockholding
- No lubrication required
- Lifting lugs on all sizes
- Embodied carbon content available upon request
- Integral lifting lugs on valves 25kg+





COMPONENT LIST

1. Body-bonnet seal	NBR rubber	10. Set screw	Carbon steel
2. Body	Ductile Iron	11. Spindle	Stainless steel AISI 420
3. Wedge	Cast iron	12. Seal	NBR rubber
4. Gland	Ductile Iron	13. Wiper ring	NBR rubber
5. Screw	Carbon steel	14. Seal	NBR rubber
6. Cap	Cast iron	15. Seal	NBR rubber
7. Seal	NBR rubber	16. Bonnet	Ductile iron GJS-500-7
8. Bush	Polyamide	17. Pressure release plug	Carbon steel
9. Thrust collar	Brass		

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

REFERENCE NOS. AND DIMENSIONS

AVK ref. no.	DN mm	BR DN	H3 mm	HF mm	L mm	W mm	Turns to open	Theoretical weight/kg
555-050-04-01133040	50	Rp 1/2	329	262	178	152	9	12
555-080-04-01133040	80	Rp 1/2	409	319	203	190	12.5	21
555-100-04-01133040	100	Rp 1/2	449	341	229	229	15.5	26
555-150-04-01133040	150	Rp 3/4	564	431	267	279	14.5	45
555-200-04-01133040	200	Rp 3/4	680	518	292	343	20	69
555-250-04-01133040	250	Rp 3/4	880	683	330	442	24	127
555-300-04-01133040	300	Rp 3/4	996	766	356	483	28	165

