



## DONKIN SERIES 555 CAST IRON GATE VALVES

555/300-004

Flanged Ends, PUR Coated, St St Spindle. GIS/V7-1

The Series 555/300-004 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:Part 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 3 Basic Series 3
- Flange drilling to EN1092, PN16

### 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 Directive

### Features:

- High integrity coating for buried service with 20 year Warranty.
- Valve installation tracker.
- Soft seal, positive shut off.
- Full double block and bleed with pressure relieving plug.
- Suitable for end of line service.
- Kitemarked
- Clear bore for under pressure drilling operations.
- Metal to metal secondary seal.
- 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
- **Options:**
  - Alternative flange drilling on request, available with PE ends, steel body and bonnet

### Accessories:

Hand wheel. False Cap. Downpipe adaptor



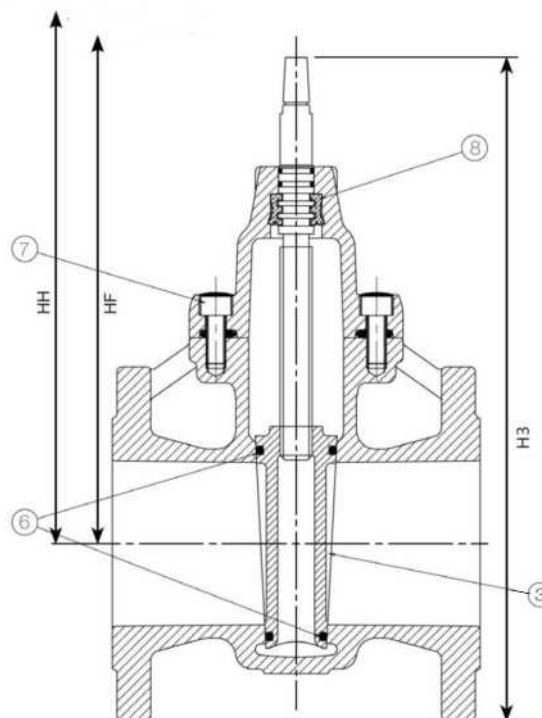
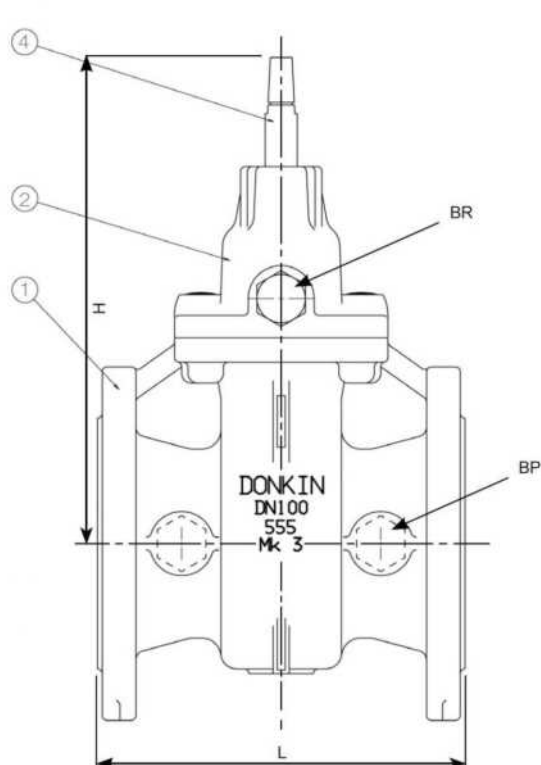
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The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.

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## Component list:

1. Body	Cast iron GJL-250 (GG-25)	6. Body, bonnet, gate and spindle seats	NBR rubber
2. Bonnet	Cast iron GJL-250 (GG-25)	7. Fastenings	Steel gr. 8.8, zinc plated
3. Wedge	Cast iron GJL-250 (GG-25)	8. Thrust collar	Brass DZR CZ132
4. Spindle	Stainless steel	9. Coating	PUR
5. Pressure relief plug	Carbon steel		

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

## Reference nos. and dimensions:

AVK ref. no.	DN mm	By-pass DN	BR DN	L mm	H mm	HF mm	HH mm	Turns to open	Theoretical weight/kg
555-080-03-01033040	80	RP0.5	RP0.5	203	288	307	308	13.5	23
555-100-03-01033040	100	RP0.75	RP0.5	229	303	322	323	15.5	26
555-150-03-01033040	150	RP0.75	RP0.75	267	391	410	411	14.5	54
555-200-03-01033040	200	RP0.75	RP0.75	292	478	497	498	19	82
555-250-03-01033040	250	RP0.75	RP0.75	330	620	684	628	25	150
555-300-03-01033040	300	RP0.75	RP0.75	356	696	763	707	27	200

## Comments:

**General Note:** It is important, when installing any valve that pipeline stresses are kept to a minimum and no undue external forces are placed on the valve connections. Correct installation procedures should be followed. For details please see Donkin publication IC5445. Standard flanges are PN16, ASA 150 and other standards available. The Series 555 is also manufactured in ductile iron, steel and with P.E. Tails up to 315mm.