



DONKIN SERIES 555 CAST IRON GATE VALVES PN7

555/300-001

Flanged Ends

The 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.

Product description:

Flanged Gate Valve to GIS/V7:Part 1. Maximum Working Pressure: 7 Bar (100 PSIG). Temperature Range: -10°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
- Standard flange drilling to EN1092-2 (ISO 7005-2), PN 16

Test/Approvals:

- Tested according to EN12266-1
- CE marked according to Pressure Equipment Directive
- Approved according to KITE MARK GIS/V7-1

Features:

- Full double block and bleed facility with pressure relieving plug
- Soft seal positive shut off, metal to metal secondary seal
- Maintenance free
- Self supporting "flange feet" for ease of installation and stockholding
- Fasteners fully encapsulated with hot melt
- Profiled 'O' ring body/bonnet joint
- Suitable for under pressure drilling and tapping operations
- Suitable for end of line service
- Integral lifting lugs on all sizes
- EN1092 PN16 flanges
- Embodied carbon content available upon request
- **Options:**
 - Pressure point/by-pass bosses cast into the valve as standard, can be drilled and plugged to suit customer requirements
 - Alternative flange drillings
 - Viton 'O' Rings
 - PUR or Fusion bonded epoxy coating
 - Also available in ductile iron, steel and with factory fitted PE tails

Accessories:

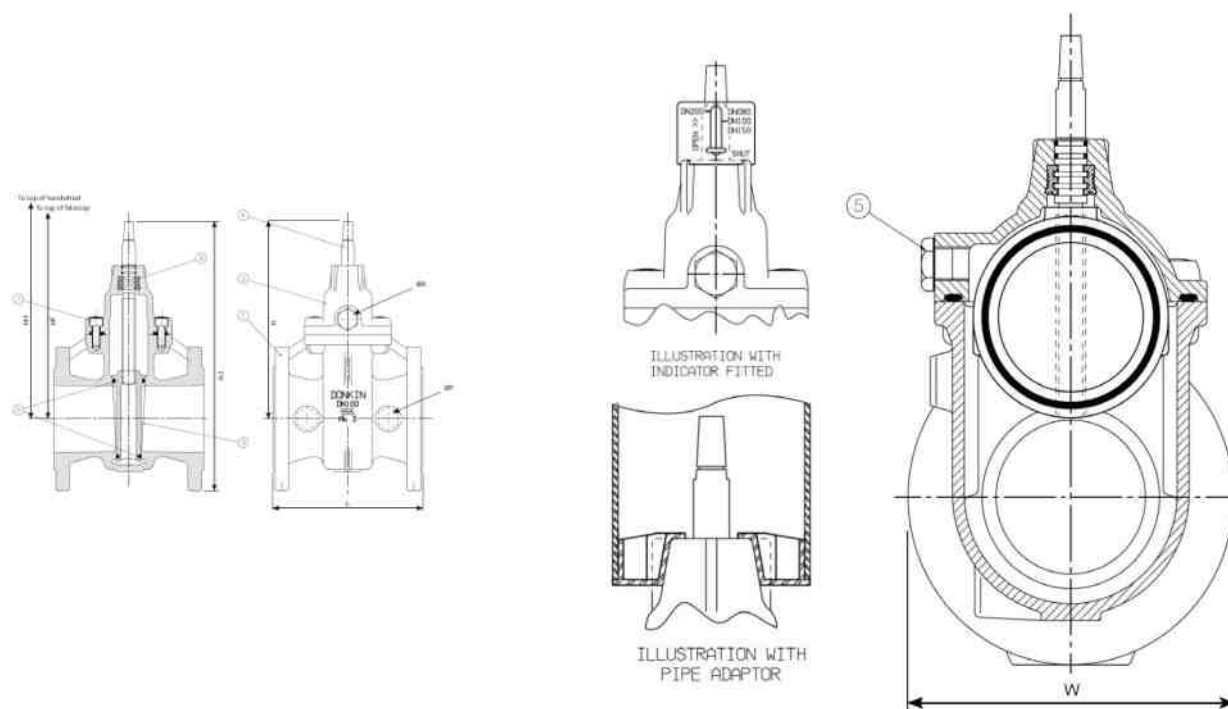
- False cap, handwheel, door position indicator, street access down pipe adaptor.



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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)	5. Pressure relief plug	Steel 11SMn30 (EN1A)
2. Bonnet	Cast iron GJL-250 (GG-25)	6. Seals	NBR rubber
3. Wedge	Cast iron GJL-250 (GG-25)	7. Fastenings	Steel gr. 8.8, zinc plated
4. Spindle	Steel 11SMn30 (EN1A)	8. Thrust collar	Brass, DZR CZ132

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

Reference nos. and dimensions:

AVK ref. no.	By-pass DN	BR DN	H mm	H3 mm	HF mm	HH mm	L mm	W mm	Turns to open	Theoretical weight/kg
555-080-03-010	RP0.5	RP0.5	288	388	307	308	203	200	13.5	23
555-100-03-010	RP0.75	RP0.5	303	413	322	323	229	220	15.5	26
555-150-03-010	RP0.75	RP0.75	391	539	410	411	267	285	14.5	54
555-200-03-010	RP0.75	RP0.75	478	648	497	498	292	340	19	82
555-250-03-010	RP0.75	RP0.75	820	850	684	628	330	405	25	150
555-300-03-010	RP0.75	RP0.75	696	926	763	707	356	460	27	200

Comments:

Important Note: Please ensure that further corrosion protection is applied to the valve and flanges immediately following installation. Please refer to Donkin installation document IC5445 prior to installation.

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.