



DONKIN SERIES 555 SOFTSEAL GATE VALVES PN7

555/411-001

Flanged Ends, F4 Face to Face

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. Series 555 valves incorporate the Donkin metallic wedge gate for optimal gas isolation performance when closed, with the added security of secondary metal to metal seals in addition to the primary O-ring seals on both wedge faces. The wedge far exceeds the strength requirements of the European Pressure Equipment Directive.

This 555/411 variant is configured with narrower face to face dimension (DIN 3202, F4) and is lighter in weight to enable easier incorporation into gas Above Ground Installations.

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/V7-1
- Face-to-face dimension according to DIN 3202 - F4
- 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:**
 - Viton 'O' Rings
 - Fusion bonded epoxy coating

Accessories:

False cap, handwheel, door position indicator, indicator adaptor.

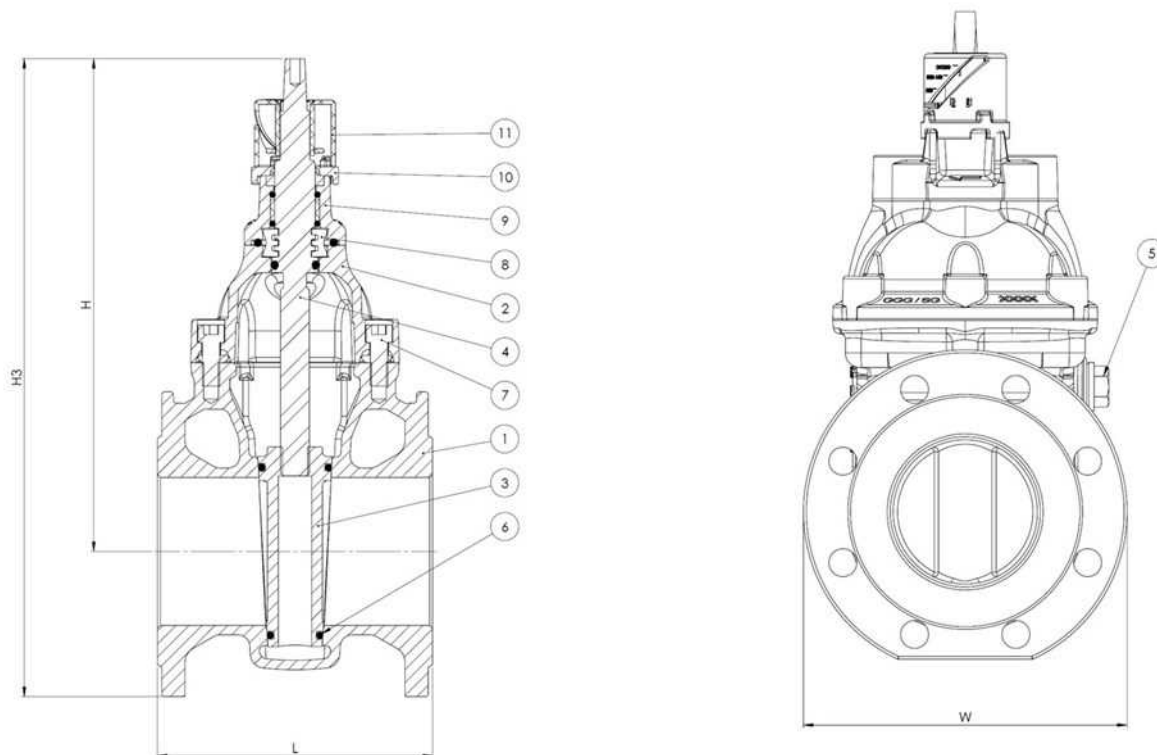


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The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.

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niki - 04-May-2021 09:25

**Component list:**

1. Body	Ductile iron GJS-500-7	7. Fasteners	Steel gr. 8.8, zinc plated
2. Bonnet	Ductile iron GJS-500-7	8. Thrust collar	Brass, DZR CZ132
3. Wedge	Cast iron GJL-250 (GG-25)	9. Gland	Ductile iron GJS-500-7
4. Spindle	Stainless steel 1.4021 (420)	10. Indicator adaptor	Ductile iron GJS-500-7
5. Pressure release plug	Steel	11. Position indicator	Plastic
6. Seal	NBR rubber		

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

Reference nos. and dimensions:

AVK ref. no.	DN	BR	H	H3	L	Turns to open	W	Theoretical weight/kg
	mm	DN	mm	mm	mm		mm	
555-050-04-11-1302	50	1/2	258	325	150	8	165	7.5
555-080-04-11-1302	80	1/2	316	407	180	12.5	200	20
555-100-04-11-1302	100	1/2	340	440	190	17	220	14
555-150-04-11-1302	150	3/4	428	558	210	14.5	285	40
555-200-04-11-1302	200	3/4	515	675	230	18.5	340	60
555-250-04-11-1302	250	3/4	641	834	250	23.5	405	105

Comments:

Component item 10. Indicator Adaptor, Item 502/UE/043. Only req'd on DN50 - DN200. Available upon request.