



DONKIN SERIES 555 CAST IRON GATE VALVES PN7

555/200

MK2 Flanged Ends

001



The Series 555 Softseal Valve is a double-faced, resilient seat, internal screw, full bore wedge gate valve. It is designed primarily for the isolation of natural gas, towns gas. The unique clip on indicator allows complete flexibility for the same valve to be used above or below ground.



Product Description:

Flanged Gate Valve to GIS/V7:Part 1

Standards:

- Designed according to GIS/V7 Part 1
- Face to face 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.
- Approved according to KITE MARK GIS/V7-1



Features:

- Pressure range: 7 Bar (100 PSIG)
- Temperature range: -10°C to +60°C
- Full block and bleed with pressure relieving plug
- Double 'O' ring seal
- Metal to metal secondary seal
- Maintenance free
- Full bore
- Suitable for under pressure drilling
- Suitable for above and below ground use

Options:

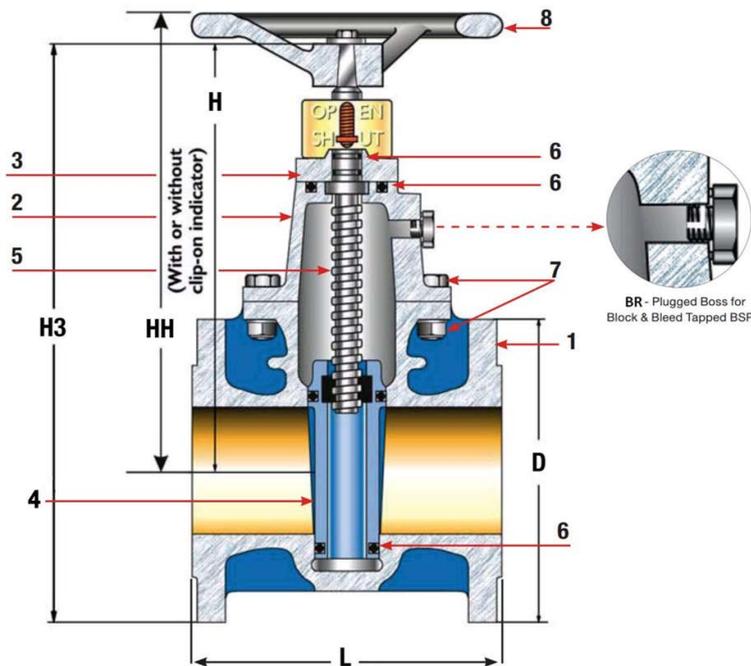
- Alternative flange drilling
- Stainless steel spindle
- Nitrile 'O' Rings
- Gearbox
- Actuator

Accessories:

- False cap
- Handwheel
- Door Position Indicator



Expect... **AVR**



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.

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 are available. The Series 555 is also manufactured in ductile iron, steel and with P.E. Tails up to 315mm.

Component List:

1. Body	Cast iron to BS EN1561 - GJL-250	2. Bonnet	Cast iron to BS EN1561 - GJL-250
3. Gland	Cast iron to BS EN1561 - GJL-250	4. Wedge Gate	Cast iron to BS EN1561 - GJL-250
5. Spindle	Carbon steel to EN10087 11SMn30 / EN1A	6. O-ring Seals	Viton rubber to EN549
7. Fastenings	Bolts: ISO 4014 Gr 8.8 ZP, Nuts: Din 934 Gr 8.0 ZP	8. Handwheel	Cast iron to BS EN1561 - GJL-250

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

Reference Nos. and Dimensions:

AVK ref. nos	H mm	HH mm	H3 mm	L mm	D mm	BR DN	Turns to open	Theoretic. weight kg
555-050-02-01018003	221	232	303	178	165	RP0.5	8.5	13
555-080-02-01018003	284	296	384	203	200	RP0.75	13	23
555-100-02-01018003	312	334	422	229	220	RP0.75	15.5	28
555-150-02-01018003	425	446	567	267	285	RP0.75	15	62
555-200-02-01018003	505	529	675	292	340	RP0.75	19.5	90
555-250-02-01018003	585	665	804	330	405	RP0.75	25	182
555-300-02-01018003	711	730	941	356	460	RP0.75	27	228

For further details see section "Technical Information".
The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product programme.