



DONKIN CAST IRON/POLYETHELENE SOFTSEAL VALVE

PE Ended, PUR Coated, St St Spindle

555/370

003

The Series 555/370-003 PE Softseal Valve is a double faced, resilient seat, internal screw, full bore, PE ended wedge gate valve. It is designed primarily for the isolation of natural gas and manufactured gas underground when fused in line on a PE main distribution system and comes with the new Donkin PUR coating system which allows the valve to be buried without further protection.

Product description:

PE Ended Gate Valve to GIS/V7-1 and GIS/PL3. Temperature -10°C to + 40°C. Maximum Working Pressure upto 7bar.

Standards:

- Designed according to : GIS/V7 Part 1, EN 12266, and GIS/PL3. Coated to EN10290 Class B.

Tests/Approvals:

- Kitemark approved to GIS/V7 Part 1 & GIS/PL3

Features:

- High integrity coating for buried service.
- Valve installation tracker. PE ended allows no mechanical joints below ground
- Full double block and bleed with pressure relieving plug
- Double 'O' ring stem seal
- Soft seal positive shut off, metal to metal secondary seal.
- Maintenance free.
- Self supporting base for ease of installation and stockholding.
- Fasteners fully encapsulated.
- Profiled 'O' ring body/bonnet joint
- Integral lifting lugs on all sizes
- Full bore valve.
- PE80 as standard.
- Size range : 90mm to 315mm
- Pressure range: (Dependant upon type of PE pipe used)

PE 80

90 - 180mm	4 Bar (60 psig)
250 - 315 mm	4 Bar - SDR11
	2 Bar - SDR17

PE 100

90 - 180 mm	7 Bar (100 psig)
250 - 315 mm	4 Bar (60 psig)

Options:

- PE100 ends
- Viton seals
- Extra long length tails
- PE100 profuse pipe
- Stainless steel spindle
- Street access down pipe adaptor to provide a cost effective solution for underground installations
- Available with flanged ends in ductile iron and steel, fusion bonded epoxy coating and stainless steel fasteners.
- 20 year warranty.

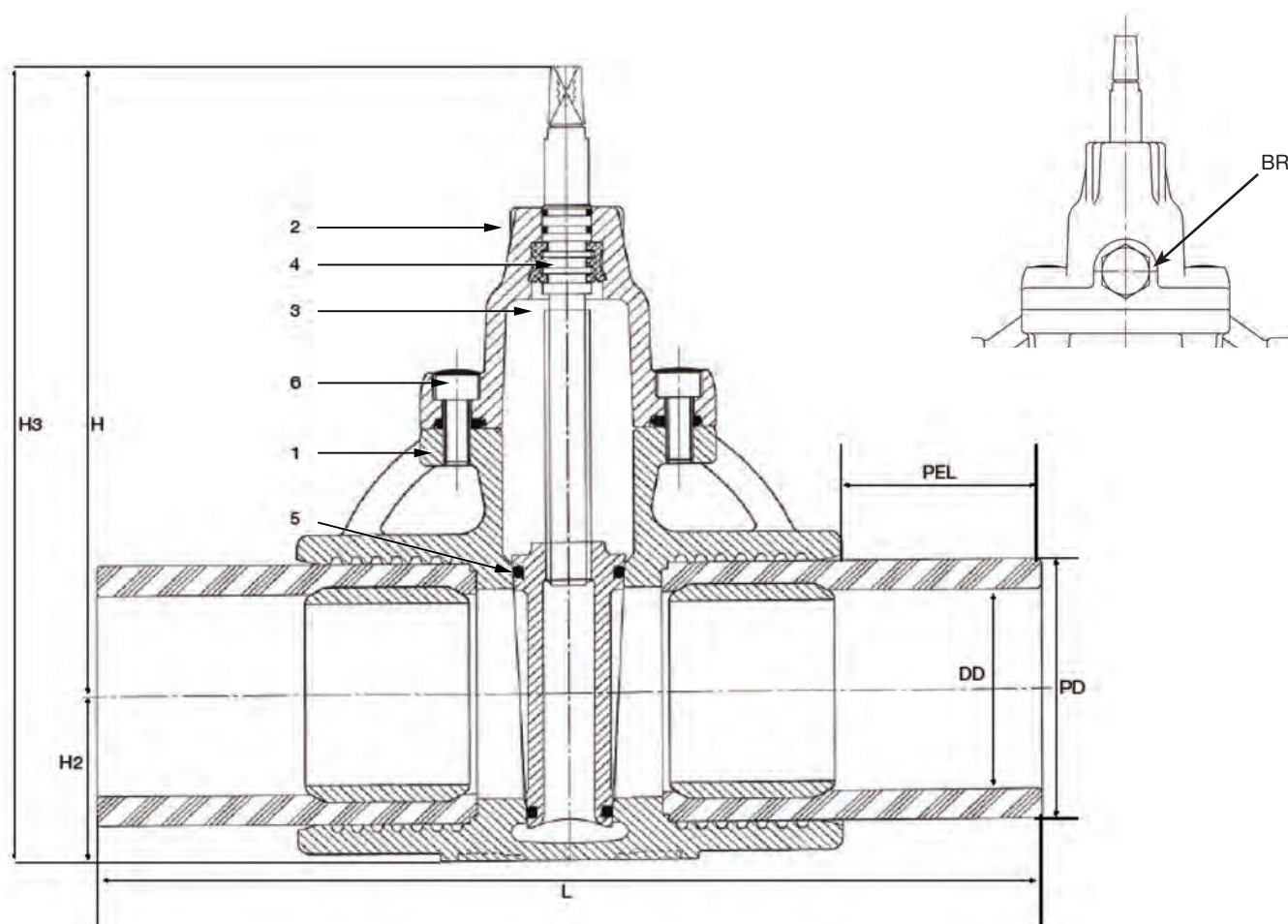
Accessories:

False cap, hand wheel, valve access system.



GIS/V7-1 & GIS/PL3
KM 518241





Component list

No.	DESCRIPTION	MATERIAL
1	Body	Cast Iron. EN 1561 - GJL 250
2	Bonnet	Cast Iron. EN 1561 - GJL 250
3	Wedge Gate	Cast Iron. EN 1561 - GJL 250
4	Spindle	Carbon Steel. EN 10087. 11SMn30 (ENIA). Option : Stainless Steel, EN10088 X8CrNiS 18-9 (303S31)
5	'O' Ring Seals	Standard: Nitrile Rubber. EN682. Type G. Option: Viton
6	Fastenings	Grade 8.8 Steel FZB. BS EN ISO 4762
	Coating	Polyurethane to EN10290 Class B

The Series 555 is also manufactured with flanged connections in cast iron, ductile iron and steel

Dimensions (mm) & Weights

Valve n.b	H3	L	W (width)	H2	H	PD	PEL	BR	DD	PE80 SDR	PE100 SDR	Weight Kg	Approx turns to close
80	367	596	188	80	287	90	191	Rp½	63	11	11	28	13½
100	400	767	188	98	302	125	255	Rp½	88	11	11	34	15½
150	520	800	249	130	390	180	245	Rp¾	133	11/17	11/17	71	14½
200	629	1128	349	152	477	250	391	Rp¾	181	11/17	17	140	19
300	906	1172	517	220	686	315	361	Rp¾	277	11/17	17	271	27

Alternative pipe lengths and systems available on request.