

DONKIN SERVICE ISOLATION VALVE

451/50
451/70
451/73

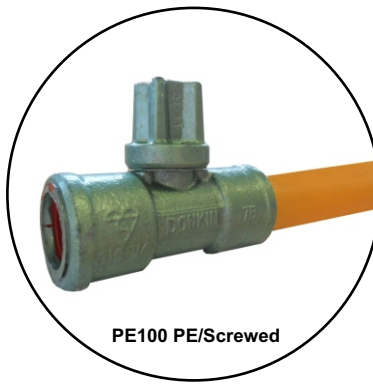
The Series 51, gas service isolation valve, is a high quality ball valve for the isolation of gas services to domestic and commercial premises. It is designed to meet the requirements of GIS/V4 and GIS/PL3 Part 1.

Features:

- Available with factory fitted PE tailpieces PE80/PE100 (or combination of PE/screwed connections) in 25, 32 and 63mm sizes.
- Screwed BS21 taper internal thread branch connections in 3/4" to 2" sizes.
- Maintenance free compact design.
- Pre-loaded PTFE Seats.
- High integrity, one piece SG iron body.
- Corrosion resistant construction.
- High torque design to prevent unauthorised operation.
- 19mm square false cap as standard.
- Kitemark approved to GIS/V4 and

Options:

- Seal in false cap skirt to prevent ingress of dirt.
- Where covered by the requirements of the Pressure Equipment Directive these products are produced in full compliance and carry CE marking.
- Extra long PE tailpieces.
- Option of 25mm false cap.
- Option of Double Block and Bleed on 2".
- Option of lever operation.
- GIS/PL3 Part 1.
- PE100 Tailpieces



The designs, materials and specifications shown are subject to change without notice due to our continuing programme of product development.

AVK UK Limited

DS100811

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APPLICABLE STANDARDS

GIS/V4, GIS/PL3.

MATERIALS OF CONSTRUCTION

No.	DESCRIPTION	MATERIAL
1	Body	SG iron EN 1563 - GJS - 400 - 15.
2	Ball	Stainless steel. BS EN 1072 316S31.
3	Seat	15% graphite filled PTFE.
4	'O' Rings	Nitrile Rubber. EN 682.
5	Washer, Disc Spring Stem and Gland	Stainless steel. BS 1449.

SERVICE CONDITIONS

Maximum working pressure	7 Bar (100 psig).
Screwed both ends:	
Maximum working pressure	4 Bar(60 psig) PE80
PE tail(s):	7 Bar(100psig) PE100
Temperature range:-	10°C to + 50°C (+40°C if PE ends.)

DIMENSIONS & WEIGHTS

SERIES 51 (SCREWED ENDS)

VALVE SIZE	¾"	1"	1½"	2"
A	11.5mm	14.5mm	20mm	30mm
B	84mm	99mm	125mm	146mm
C	56mm	58mm	76mm	69mm
D	36mm	44mm	60mm	77mm
WEIGHT	0.37Kg	0.9Kg	1.50Kg	2.2Kg

DIMENSIONS & WEIGHTS

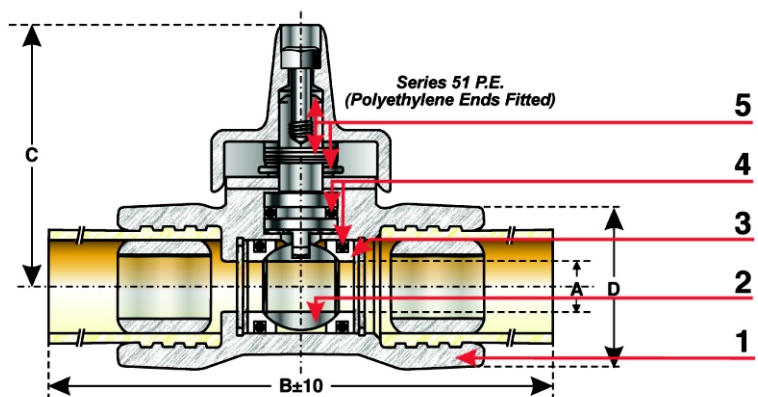
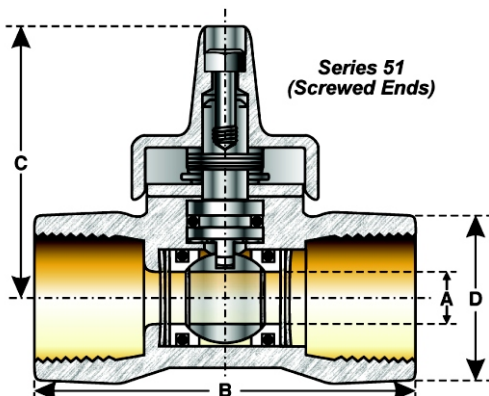
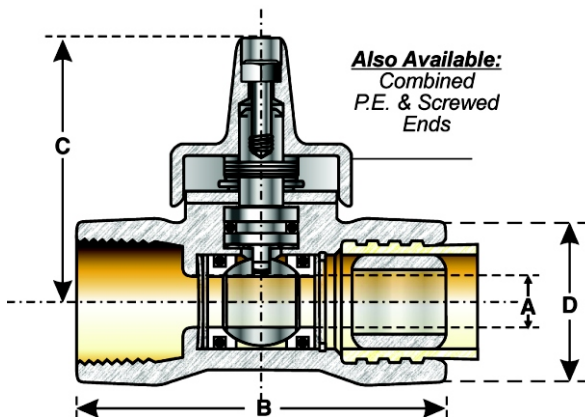
SERIES 51 (POLYTHENE ENDS FITTED)

VALVE SIZE	25mm	32mm	63mm
A	11.5mm	14.5mm	30mm
B	310mm	302mm	436mm
C	72mm	73mm	84mm
WEIGHT	1.0Kg	1.3Kg	3.65Kg

DIMENSIONS & WEIGHTS

SERIES 51 PE (SCREWED/PE END)

VALVE SIZE	¾" x 25mm	1" x 32mm	2" x 63mm
A	11.5mm	14.5mm	30mm
B	197mm	201mm	291mm
C	72mm	73mm	84mm
D	35mm	43mm	71mm
WEIGHT	0.87Kg	1.1Kg	3.1Kg



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