

DONKIN BALL VALVE

55 & 55 LD

The Series 55 & 55LD are high quality, clear bore, general service ball valves, which are ideal for gas isolation and suitable for use with under-pressure drilling equipment. The LD (limited dimension) version has been designed for tapping directly into live gas mains and is suitable for combined drilling, tapping and service insertion machines to BGC/PS/E1.

Features:

- Maintenance free compact design.
- Pre-loaded PTFE seats.
- One piece body.
- High torque design to prevent unauthorised operation.
- One size false cap fits all sizes.
- Totally enclosed design for buried service.
- Design ensures minimum pressure drop.
- Full clear bore for under-pressure drilling.
- Kitemark approved to GIS/V4.

Options:

- LD (limited dimension) version overall dimensions in accordance with BGES/F2.



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

AVK UK Limited

DS121107

DONKIN 55 & 55LD BALL VALVE

55 & 55 LD

SERVICE CONDITIONS

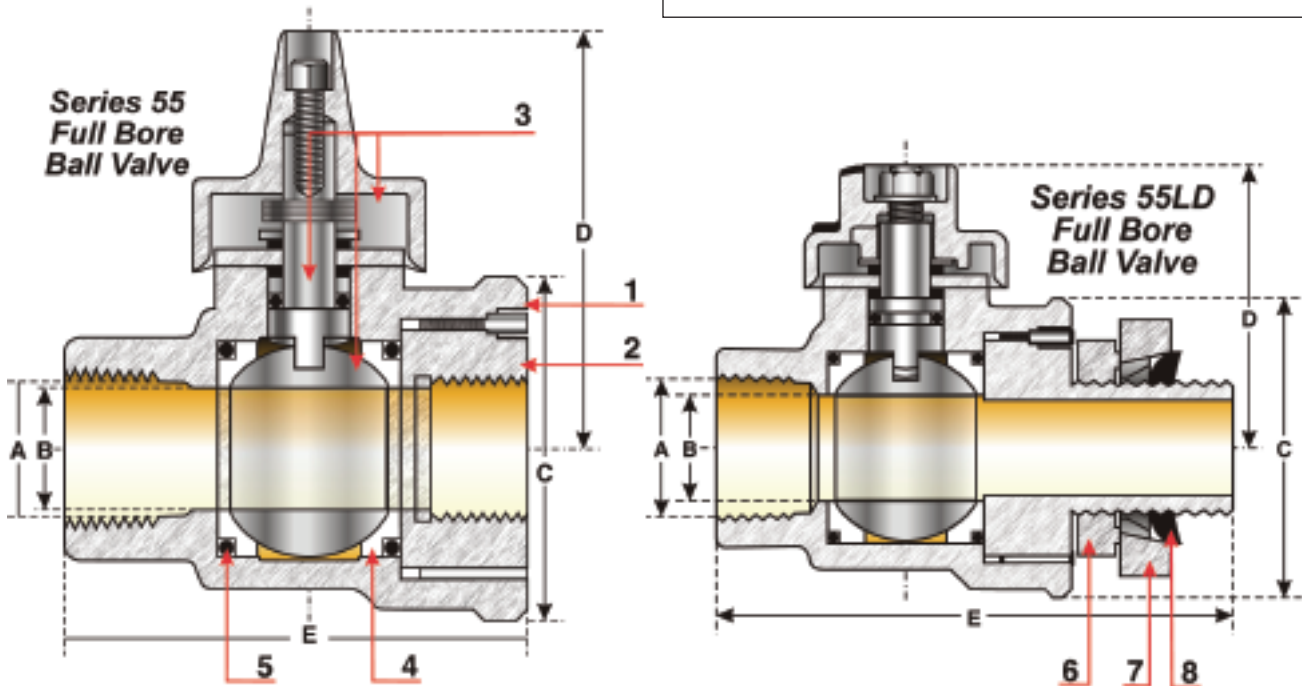
Maximum working pressure: 7 Bar (100 psig).
 Temperature range: -10°C to + 50°C.

APPLICABLE STANDARDS

BS 5159, EN12266, GIS/E1, GIS/V4.

MATERIALS OF CONSTRUCTION

No.	DESCRIPTION	MATERIAL
55 & 55 LD:		
1	Body	Ductile iron, EN 1563 - GJS - 400 - 15.
2	Body End	Carbon steel, BS 970 070M20.
3	Ball, Stem and Gland	Stainless steel, BS 970 GR 316 (326).
4	Seat	15% graphic filled PTFE.
5	'O' Ring	Nitrile rubber, EN 682.
55LD:		
6	Back Nut	SG iron, EN 1563 - GJS - 450 - 10.
7	Collar	SG iron, EN 1563 - GJS - 450 - 10.
8	Seal	Nitrile rubber EN 682.



DIMENSIONS & WEIGHTS

SERIES 55				SERIES 55LD		
VALVE SIZE A	3/4"	1"	2"	VALVE SIZE A	3/4"	1"
BORE B	20mm	25mm	50mm	BORE B	18mm	23mm
DIAMETER C	58mm	70mm	108mm	DIAMETER C	58mm	70mm
HEIGHT D	61mm	66mm	85mm	HEIGHT D	61mm	66mm
LENGTH E	90mm	98mm	150mm	LENGTH E	120mm	124mm
WEIGHT	0.76	1.5 Kg	3.9 Kg	WEIGHT	1 Kg	1.6 Kg



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