

Fig. 1732, 1732M, 1732L, 1732C, 1732MC, 1732LC Bronze Fixed Orifice Double Regulating Valve (FODRV)



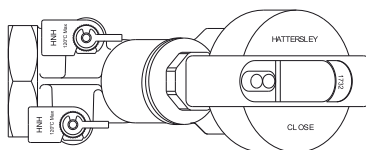
FEATURES AND BENEFITS

- Provides precise and accurate flow regulation
- Easy to operate with handwheel and numerical indicator
- Integral orifice and test points – no need for separate DRV and metering station
- WRAS approved for use with potable water
- Positive flow control at all handwheel settings

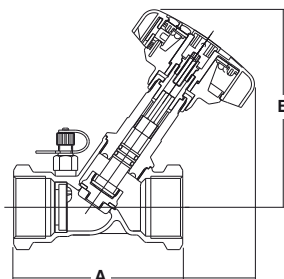


MATERIAL SPECIFICATION

Component	Material	Specification BS EN
Handwheel	Plastic	
Stem	DZR copper alloy	12165 CW602N
Stem Seals	EPDM	
Disc	DZR copper alloy	12165 CW602N
Disc Seal (1-2")	PTFE	
Bonnet	DZR copper alloy	12165 CW602N
Body	Bronze	1982 CC491K
Orifice Insert	DZR copper alloy	12165 CW602N
Fig. 631 Test Valve	DZR copper alloy	12165 CW602N



DIMENSIONAL DRAWINGS



PRESSURE/TEMPERATURE RATING

Threaded Ends
BS 7350 PN20
17.2 bar at 120°C
20 bar at -10 to 100°C

Compressions Ends
5 bar at 120°C
6 bar at 110°C
10 bar at 65°C
16 bar from -10 to 30°C

TEST PRESSURES (HYDRAULIC)

Body: 30 bar
Seat: 22 bar

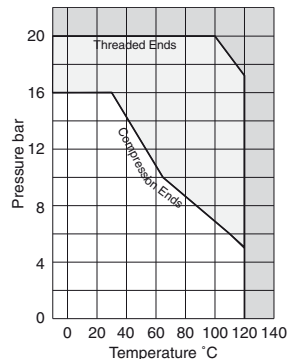
SPECIFICATION

Kitemarked to BS 7350:1990.
Handwheel operated.
Numerical indicator.
Inside screw non-rising handwheel.
Characterised regulating disc.
Integral fixed orifice.
Supplied with two figure 631 test points.
Flow charts available.
End connections threaded.

Sizes 1 to 2" taper threaded
BS EN 10266 (ISO 7-1) formerly BS 21.
Sizes 1/2 & 3/4" to ISO 228 parallel.
Sizes DN15 & DN20 when used with compression adaptors suitable for copper pipe to BS EN 1057 R250 (half hard).
WRAS Approved Product.

DIMENSIONS AND WEIGHTS

Nom Size	in	1/2L	1/2M	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	87	87	87	96	100	114	125	146
A (compression)	mm	105	105	105	118	-	-	-	-
B	mm	110	110	110	111	132	133	148	149
Weight	kg	0.61	0.61	0.61	0.65	0.95	1.13	1.52	1.98



For Commissioning Valve Coefficients please refer to pages 49-51.

Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Hattersley Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.