

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

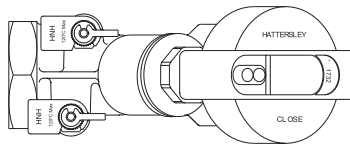
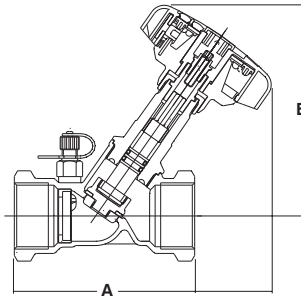


## FEATURES & BENEFITS

- 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 to 85°C
- Positive flow control at all handwheel settings
- The FODRV offers an accuracy of  $\pm 5\%$  on all settings, for precise flow regulation and measurement



## DIMENSIONAL DRAWINGS



## DIMENSIONS & 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

## 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
Figure 631 Test Valve	DZR copper alloy	12165 CW602N

## PRESSURE/TEMPERATURE RATING

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

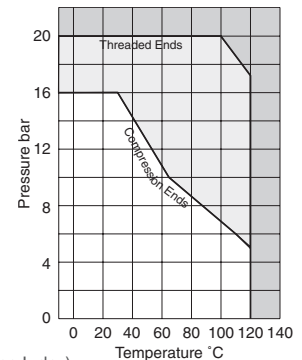
**Compressions Ends**  
5 bar at 120°C  
6 bar at 110°C  
10 bar at 65°C  
16 bar from -10 to 30°C

WRAS approval temperature -10 to 85°C

## TEST PRESSURES SPECIFICATION

Shell: 30 bar  
Seat: 22 bar

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.



For commissioning valve coefficients (Kv) please refer to relevant section in this brochure. (See Index)

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