

Fig. M737

Ductile Iron Variable Orifice Double Regulating Valves

FEATURES AND BENEFITS

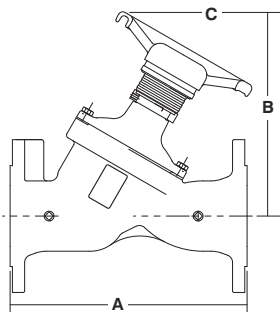
- Robust iron body materials for long service life
- Precise flow regulation
- Flanged with handwheel – easy to install and operate
- Positive flow control at all handwheel settings



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Ductile Iron	1563 EN-JSI030	A536-65-45-12
Gland	Cast Iron	1561 EN-JLI030	A126 Cl B
Gland Packing	Asbestos Free		
Stem	Stainless Steel	10088-1 X2 CrNiNo17-12-2	A276-316L
Seat Retainer	Bronze		
Disc	Cast Iron	1561 EN-JLI030	A126 Cl B
Disc Insert	PTFE or PTFE/Neoprene		
Disc Coating	EPDM		
Regulating Cone	Bronze		
Bonnet	Ductile Iron	1563 EN-JSI030	A536-65-45-12
Bonnet Gasket	Asbestos Free		
Body Seat Ring	Bronze	1982 CC491K	
Body	Ductile Iron	1563 EN-JSI030	A536-65-45-12m

DIMENSIONAL DRAWINGS



DIMENSIONS AND WEIGHTS

Nom Size	mm	250	300
A	mm	730	850
B (open)	mm	575	645
C	mm	420	420
Weight	kg	192	251

PRESSURE/TEMPERATURE RATING

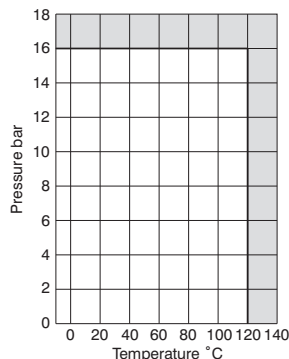
BS EN 1092-2 PN16
16 bar from -10 to 120°C

TEST PRESSURES (HYDRAULIC)

Shell: 24 bar
Seat: 17.6 bar

SPECIFICATION

BS 7350:1990.
Face to face dimensions to BS EN 558-1 basic series 1.
Ductile iron body.
Inside screw.
Non-rising stem.
Bronze body seat.
Flanged to BS EN 1092-2 PN16.
Flow charts available.



For Commissioning Valve Coefficients please refer to pages 47-49.

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.