

Fig. M737 Cast Iron Variable Orifice Double Regulating Valves



FEATURES AND BENEFITS

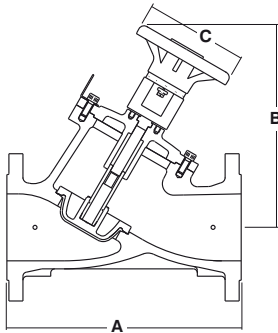
- Robust iron body materials for long service life
- Precise flow regulation
- Flanged with handwheel – easy to install and operate
- Positive flow control at all handwheel settings



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Indicator Ring	Polymer		
Indicator	Polymer		
Gland	H T Brass	1561 EN JSI040	
Gland Flange	Graphite		
Stuffing Box	H T Brass	1561 EN JSI040	
Stem (50 to 100mm)	H T Brass	1561 EN JSI040	
Stem (125 to 200mm)	Stainless Steel	10270 X10CrNr18-8	A276-304
Indicator Sleeve	Polymer		
Bonnet	Ductile Iron	1561 EN JS1050	
Bonnet Gasket	Asbestos Free		
Disc Stem Nut	H T Brass	1561 EN JSI040	
Disc	Cast Iron	1541 EN JLI040	A126 Cl B
Disc Coating	EPDM		
Body	Cast Iron	1561 EN-JLI030	A126 Cl B
Extension Sleeve	Bronze	1982 CC491K	B505 C83600

DIMENSIONAL DRAWINGS



DIMENSIONS AND WEIGHTS

Nom Size	mm	50	65	80	100	125	150	200
A	mm	230	290	310	350	400	480	600
B	mm	250	278	292	310	350	385	450
C	mm	166	166	166	166	250	250	250
D	mm	165	185	200	220	250	285	340
Weight	kg	15	21	26	37	65	82	139

PRESSURE/TEMPERATURE RATING

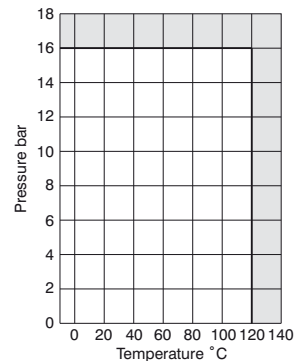
16 bar from -10 to 120°C
Note: The maximum temperature is determined by the EPDM elastomer coated disc.

TEST PRESSURES (HYDRAULIC)

Shell: 24 bar
Seat: 17.6 bar

SPECIFICATION

Kitemarked to BS 7350:1990.
Inside screw, non-rising stem.
EPDM coated disc.
Flanged to BS EN 1092-2 PN16
Fitted with regulating disc, double regulating device and indicator, figure 631 test points and extensions.
Valves can be supplied with vapour seal.
Optional insulation boxes.
Flow charts available.



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

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