

# MH737 / MHA737

## Variable Orifice Double Regulating Valve (VODRV)



### FEATURES & BENEFITS

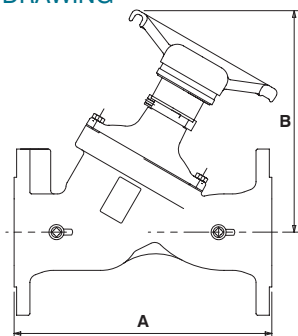
- The double regulating feature allows the valve to be used for isolation and to be re-opened to its pre-set position to maintain required flow rate



### MATERIAL SPECIFICATION

Component	Material
Body	Ductile Iron - BS EN 1563 GJS-450-10
Bonnet	Ductile Iron - BS EN 1563 GJS-450-10
Bonnet gasket	Non-asbestos
Disc (All sizes)	EPDM Coated Cast Iron
Disc Bush	Bronze - BS EN 1982
Stem	Stainless Steel 410 - BS EN 10088-3 1.4006
Gland (65 to 150mm)	Brass - BS EN 12164:2016 CW614N
Gland (200 to 300mm)	Cast Iron - BS EN 1561 EN-GJL-250
Packing	Non-asbestos
Seat Ring	Bronze - BS EN 1982

### DIMENSIONAL DRAWING



### PRESSURE/TEMPERATURE RATING

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

### SPECIFICATION

These are Y-Pattern globe valves suitable for flow regulation and isolation. Valves are supplied with **Figure 631 test points** to enable flow measurement. Valves conform to requirements of BS 7350 and ends are flanged to BS EN 1092-2 (formerly BS 4504). An ANSI version is also available (MHA737).

### APPLICATION

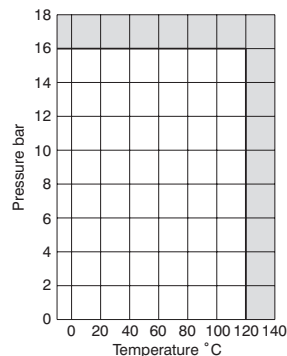
Primarily used in injection or other circuits requiring a double regulating valve for system balancing. Accuracy of flow measurement is  $\pm 10\%$  at the full open position of the valve. Some reduction in accuracy occurs at partial openings of the valve in accordance with BS 7350.

### DIMENSIONS, WEIGHTS & COEFFICIENTS\*

DN	A (mm)	B (mm)	Weight (kg)	Flow (Kv)	Headloss (K)
65	290	262	15.8	85	4.9
80	310	267	19.5	111	5.5
100	350	300	28.0	146	9.2
125	400	325	37.5	250	7.3
150	480	340	50.5	380	6.5
200	600	525	123.0	600	7.8
250	730	575	192.0	1211	4.6
300	850	645	251.0	1521	6.0

\* Fully open position

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



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.

120918