

Fig. M2000 Cast Iron Metering Stations

FEATURES AND BENEFITS

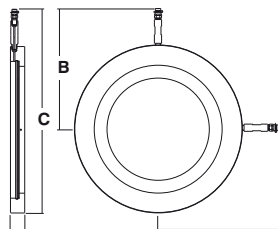
- Compact, wafer design for fitting in tight spaces
- Accurate flow measurement
- Supplied with red and blue test points for upstream and downstream port identification



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Body (350 to 450mm) (500 to 700mm)	Cast Iron	1561 EN-JL1030	A126 CIB
	Carbon Steel		
Orifice Plate	Stainless Steel	10088-1 X2 CrNiNo17-12-2 AISI 316	
Retaining Ring	18/8 Stainless Steel		
Extension Sleeve	Stainless Steel		
Test Points	Fig. 631		

DIMENSIONAL DRAWINGS



DIMENSIONS AND WEIGHTS

Nom Size	mm	350	400	450	500	600	700
A	mm	38	38	38	38	38	38
B	mm	320	345	375	397	456	490
C	mm	545	595	655	707	825	895
Weight	kg	32	39	50	30	40	37

Note: Weight shown above includes extensions, test points, gaskets lifting hook and box. Larger sizes available on request.

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

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PRESSURE/ TEMPERATURE RATING

PN16

16 bar from -10 to 120°C

Note: The Test Point figure 631 has a maximum working temperature of 120°C
If other test points are fitted the maximum operating temperature should be obtained from the test point manufacturer.

TEST PRESSURES (HYDRAULIC)

Shell: 24 bar

SPECIFICATION

Outside diameter locates metering station centrally on BS EN 1092-2 PN16 flange bolting.

Adaptations to suit other flanges available.

Supplied complete with extensions and figure 631 test points.

Flow charts available.

Note: When used with a butterfly valve a minimum of 5 diameters of straight length of same diameter pipe as the valve must be fitted on both sides of the metering station.

