Fig. M2000
Stainless Steel Metering Stations

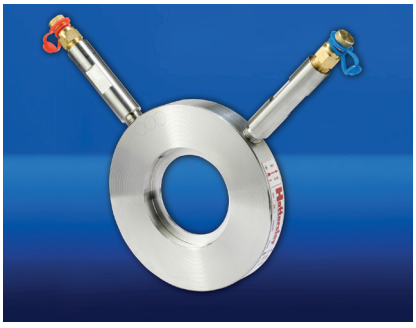
OP

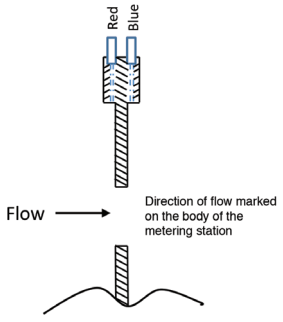
FEATURES & BENEFITS

- Compact, wafer design for fitting in tight spaces
- Accurate flow measurement
- Supplied with red and blue test points for upstream and downstream port identification
- Accuracy of flow measurement at normal velocities is ±5%

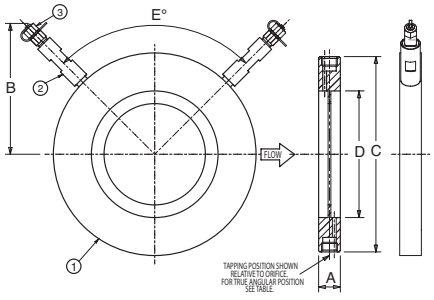
MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Orifice Plate	Stainless Steel	10088-1 X2 CrNiNo17-12-2	AISI 316
Extension Sleeve	Stainless Steel	10088-1 X2 CrNiNo17-12-2	AISI 316
Test Points	Figure 631	-	





DIMENSIONAL DRAWINGS



DIMENSIONS & WEIGHTS

Nom Size	mm	350	400	450	500	600
A	mm	21	21	21	23	23
B	mm	217	236	256	280	321
C	mm	446	498	585	620	737
D	mm	339.5	388.7	433	492	592.4
E	deg.	90	90	90	90	90
Weight	kg	12.4	14.5	18	22.1	36.1

PRESSURE/ TEMPERATURE RATING

16 bar from -10 to 120ºC

Note: The Test Point Figure 631 has a maximum working temperature of 120ºC

If other test points are fitted the maximum operating temperature should be obtained from the test point manufacturer.

TEST PRESSURE

Shell: 24 bar

SPECIFICATION

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

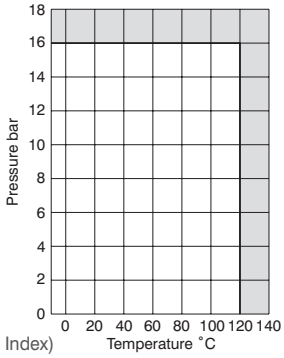
Adaptations to suit other flanges available.

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.



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

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