

SERIES F6000 METAL TUBE FLOW METERS

The F6000 Metal Tube Flowmeter has been designed to meet demanding high pressure and corrosive applications in the process control industry. The F6000 Metal Tube Flowmeter is supplied with a highly visible analogue scale. This instrument is manufactured in 3/4", 1", 2" and 3" flanged ANSI 150 RF and 3/4", 1" and 2" BSPPF (Rp) screwed versions.

All wetted parts on this instrument are manufactured from certified 316 Stainless Steel and can be supplied with fully traceable certificates if required.

The scale plate mounting box is manufactured from polycarbonate with a clear polycarbonate front cover and carries an IP66 rating.

The F6000, whilst having a range of standard flow rates, can be calibrated for almost any liquid. The materials of construction can be selected to assist the designer relating to the process medium.

The F6000 is ideal for high pressure flow indication. Applications can be found in the water, chemical and processing industries.



SERIES F6000 FEATURES

- * 3/4", 1", 2" AND 3" FLANGED, OR 3/4", 1" AND 2" SCREWED CONNECTIONS AVAILABLE
- * STAINLESS STEEL CONSTRUCTION
- * HIGHLY VISIBLE ANALGUE DISPLAY WITH CLEAR POLYCARBONATE COVER
- * 250mm FLANGED LENGTH
- * STANDARD AND CUSTOMISED FLOW SCALES
- * SUITABLE FOR HIGH PRESSURE APPLICATIONS
- * IP66 RATING
- * SUITABLE FOR CORROSIVE APPLICATIONS
- * ROBUST DESIGN
- * MINIMAL MAINTENANCE

F6000 METAL TUBE FLOWMETER

Process Connections:
3/4", 1" and 2" BSPPF (Rp) screwed,
flanged ANSI 150 RF,
or to customer specification

Max Working Pressure for Stainless Steel
Liquid : 3/4" 1", 2 and 3"
3/4" – 50 barg or flange rating
1" - 50 barg or flange rating
2" - 65 barg or flange rating
3" - 85 barg or flange rating

Display: Highly visible analogue display

Construction: 316 Stainless Steel

Max Working Temperature: 120°C

Indicator box Ingress protection: IP66

Accuracy: ± 5 % FSD predicted

STANDARD RANGES 3/4"

WATER @ 20°C

2 L/min	0.12 m ³ /hr
5 L/min	0.30 m ³ /hr
10 L/min	0.60 m ³ /hr

STANDARD RANGES 1"

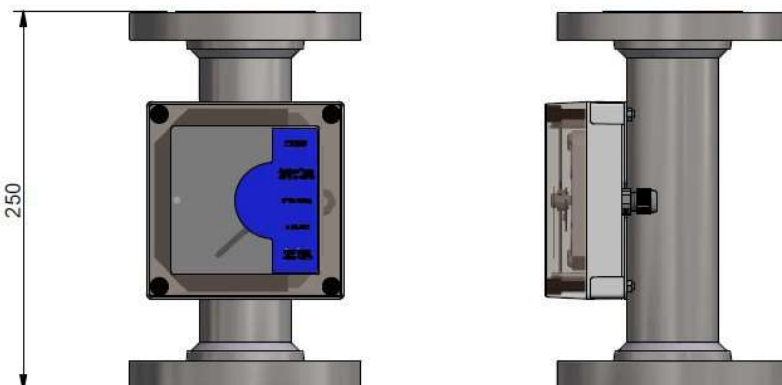
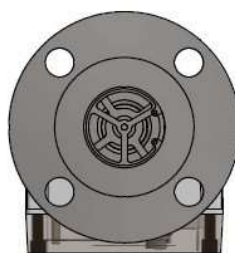
WATER @ 20°C

10 L/min	0.6 m ³ /hr
35 L/min	2 m ³ /hr
50 L/min	3 m ³ /hr
85 L/min	5 m ³ /hr
100 L/min	6 m ³ /hr

STANDARD RANGES 2"

WATER @ 20°C

50 L/min	3 m ³ /hr
100 L/min	6 m ³ /hr
150 L/min	10 m ³ /hr
200 L/min	12 m ³ /hr
250 L/min	15 m ³ /hr
300 L/min	18 m ³ /hr
400 L/min	25 m ³ /hr



STANDARD RANGES 3" (Flanged only)

WATER @ 20°C

250 L/min	15 m ³ /hr
350 L/min	20 m ³ /hr
400 L/min	25 m ³ /hr
500 L/min	30 m ³ /hr
650 L/min	40 m ³ /hr

MODEL SHOW: 2" ANSI 150lb RF FLANGED

Customised flow ranges are available.
Please consult BES Flowmeters to
select the required flow range
for the process fluid used.

Due to the constant development and improvement of products, information may be altered or withdrawn without notice.