

ECONOMICAL IN-LINE FLOWMETERS

**CAPACITIES: 0.2 to 15 GPM of Water,
0.2 to 15 GPM of Oil**

FL-6000A Series



- ✓ ±2% Full Scale Accuracy
- ✓ ±1% Repeatability
- ✓ Direct Readings for Oil or Water
- ✓ Good Viscosity Stability
- ✓ Mounts in Any Position
- ✓ 241.3 bar (3500 psig) Pressure Rating
- ✓ 116°C (240°F) Temperature Range
- ✓ Vertical Connectors for In-Line Mounting
- ✓ For Clear and Opaque Fluids

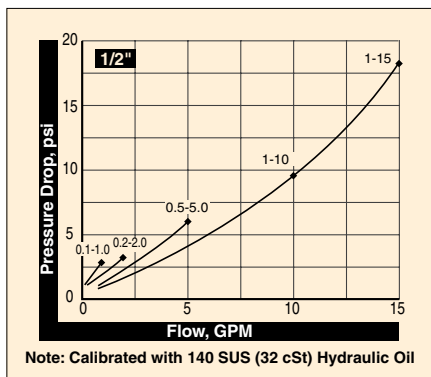
The FL-6000A Series of general purpose flowmeters is designed to provide economical, accurate flow rate indication for oil and water. These industrial flowmeters utilize a spring-and-piston type assembly, which enables them to be mounted in any position and gives immunity to changes in viscosity. FL-6000A meters can be used in severe environments at up to 241.3 bar (3500 psig) and 116°C (240°F).

SPECIFICATIONS

Accuracy: ±2% FS
Repeatability: ±1%
Connection: ½ FNPT
Dimensions: 60.96 x 53.34 mm (2.4 x 2.1") for 116°C (240°F) units
Length: 168 mm (6.6") for all units
Maximum Pressure: 241.3 bar (3500 psig)
Maximum Temperature:
 Standard: 116°C (240°F)
 Optional: 204°C (400°F)
Shipping Weight:
 Oil: 0.57 kg (1.25 lb)
 Water: 1.18 kg (2.60 lb)
Wetted Parts: 302 SS (oil units) or 302 SS spring (water units), FKM O-rings, polyphenylene sulfide/ceramic magnetic. Oil units have aluminum body, water units have brass body.



FL-6105A, shown smaller than actual size.



Pressure Drop: Approximate pressure losses in meters using oil at low and normal temperatures. Add 10% to pressure for equal water flows.

To Order

Model No.	Flow Range LPM (GPM)	Medium/Specific Gravity
FL-6102A	0.8 to 7.5 (0.2 to 2)	Oil/0.876
FL-6105A	2 to 19 (0.5 to 5)	Oil/0.876
FL-6110A	3 to 37 (1.0 to 10)	Oil/0.876
FL-6115A	3 to 57 (1.0 to 15)	Oil/0.876
FL-6302ABR	0.8 to 7.5 (0.2 to 2.0)	Water/1.0
FL-6305ABR	2 to 19 (0.5 to 5)	Water/1.0
FL-6310ABR	3 to 37 (1.0 to 10)	Water/1.0
FL-6315ABR	3 to 57 (1.0 to 15)	Water/1.0

Comes complete with operator's manual.

For units with BSPP threads add suffix "-BSPP" to model number, no additional charge.

For 204°C (400°F) units, add suffix "-H" to model number, for additional cost.

Ordering Examples: FL-6105A, oil flowmeter, 5.0 GPM.

FL-6115A, oil flowmeter 15 GPM.