

POLYSULFONE FLOW METERS



**In-Line Series
Flow Meter**

The **6B03** High Volume In-line series flow meters offer excellent accuracy and repeatability, combined with a durable injection molded Polysulfone meter body and connectors and #316 Stainless Steel internal parts.

Half unions couple the meter body to the connectors at each end of the flow meter.

This configuration facilitates both installation and maintenance.

6B03 FEATURES

- ✓ Economical.
- ✓ Tough Polysulfone Meter Body Resists High Temperatures Pressures.
- ✓ Easy to Read Direct Reading Dual Scale (GPM/LPM).
- ✓ In-Line or Panel Mount Configurations Available. 1" and 1-1/2" FNPT
- ✓ Adapters with In-line Units, 1" MNPT Adapters with Panel Mount Units.
- ✓ Standard Models #316 Stainless Steel Guide Rods.
- ✓ Standard Models #316 Stainless Steel or PTFE Floats
- ✓ Not Recommended for Direct Sunlight Applications.

**It's tough to beat
the quality
and economy
of the 6B03 series
Flow Meter**

TABLE 2, MODEL 6B03 HIGH VOLUME IN-LINE FLOW METERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0300-01F	1" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	14 1/2"
6B0300-02F	1" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0300-03F	1" FNPT	2.0-20 GPM, 6.0-76 LPM		
6B0300-04F	1" FNPT	3.0-30 GPM, 10-110 LPM		
6B0300-05F	1" FNPT	4.0-40 GPM, 15-155 LPM		

TABLE 2-1, MODEL 6B03 HIGH VOLUME PANEL MOUNT FLOW METERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT CENTER - CENTER
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0301-01F	1" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	15"
6B0301-02F	1" MNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0301-03F	1" MNPT	2.0-20 GPM, 6.0-76 LPM		
6B0301-04F	1" MNPT	3.0-30 GPM, 10-110 LPM		
6B0301-05F	1" MNPT	4.0-40 GPM, 15-155 LPM		

**TABLE 2-2, MODEL 6B03 HIGH VOLUME IN-LINE FLOW METERS
EQUIPPED WITH 1-1/2" PVC ADAPTERS**

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0305-01H	1 1/2" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	14-1/2"
6B0305-02H	1 1/2" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0305-03H	1 1/2" FNPT	2.0-20 GPM, 6.0-76 LPM		
6B0305-04H	1 1/2" FNPT	3.0-30 GPM, 10-110 LPM		
6B0305-05H	1 1/2" FNPT	4.0-40 GPM, 15-155 LPM		

SPECIFICATIONS FOR 6B03

FULL SCALE ACCURACY: ±3%.
MAXIMUM WORKING PRESSURE: 150 psig (10.3 bar) @ 70 °F (21 °C).
MAXIMUM FLUID TEMPERATURE:
 UNITS WITH 1" POLYSULFONE ADAPTERS: 212 °F (100 °C) @ 0 PSI.
 UNITS WITH 1-1/2" PVC ADAPTERS: 130 °F (54 °C) @ 0 PSI.
MAXIMUM PRESSURE DROP: 2 PSI.
METER BODY MATERIAL: Polysulfone.
ADAPTER MATERIAL: Standard Models: 1" Pipe: Polysulfone.
 1-1/2" Pipe: PVC.
GUIDE ROD MATERIAL: 316 SS.
FLOAT: 316 SS OR PTFE (Varies by Model).
O-RING SEALS: FKM.
CALIBRATION FLUID: Water, Specific Gravity 1.0.
APPROX. SHIPPING WEIGHT: 3.0 LBS. (1.36 KG).

! The selection of materials of construction, is the responsibility of the customer. The company accepts no liability.