

POLYSULFONE FLOW METERS



**In-Line Series
Flow Meter**

**It's tough to beat
the quality
and economy
of the 6B03 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. (Optional Hastelloy® C-276 Available).
- ✓ Standard Models #316 Stainless Steel or PTFE Floats (Optional Hastelloy® C-276 Available).
- ✓ Not Recommended for Direct Sunlight Applications.

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.
UNITS WITH BRASS ADAPTERS:	240 °F (115 °C) @ 0 PSI.
MAXIMUM PRESSURE DROP:	2 PSI.
METER BODY MATERIAL:	Polysulfone.
ADAPTER MATERIAL:	Standard Models: 1" Pipe: Polysulfone. 1-1/2" Pipe: PVC. Units with Brass Adapters: Brass.
GUIDE ROD MATERIAL:	316 SS (Optional: Hastelloy C-276).
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.

TABLE 3, 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	316 SS 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 3-1, 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	316 SS 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 3-2, MODEL 6B03 HIGH VOLUME IN-LINE FLOW METERS WITH BRASS ADAPTERS				
MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0302-01F	1" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	316 SS 14 1/2"
6B0302-02F	1" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0302-03F	1" FNPT	2.0-20 GPM, 6.0-76 LPM		
6B0302-04F	1" FNPT	3.0-30 GPM, 10-110 LPM		
6B0302-05F	1" FNPT	4.0-40 GPM, 15-155 LPM		

TABLE 3-3, MODEL 6B03 HIGH VOLUME IN-LINE FLOW METERS WITH POLYCARBONATE SHIELD				
MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0303-01F	1" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	316 SS 14 1/2"
6B0303-02F	1" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0303-03F	1" FNPT	2.0-20 GPM, 6.0-76 LPM		
6B0303-04F	1" FNPT	3.0-30 GPM, 10-110 LPM		
6B0303-05F	1" FNPT	4.0-40 GPM, 15-155 LPM		

TABLE 3-4, 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	316 SS 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		

TABLE 3-5, MODEL 6B03 HIGH VOLUME IN-LINE FLOW METERS EQUIPPED WITH 1-1/2" PVC ADAPTERS AND POLYCARBONATE SHIELD				
MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0306-01H	1 1/2" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	316 SS 14-1/2"
6B0306-02H	1 1/2" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0306-03H	1 1/2" FNPT	2.0-20 GPM, 6.0-76 LPM		
6B0306-04H	1 1/2" FNPT	3.0-30 GPM, 10-110 LPM		
6B0306-05H	1 1/2" FNPT	4.0-40 GPM, 15-155 LPM		