

POLYSULFONE FLOW METERS

Series 6B04 Flow Meter



**New
Design**

High Volume In-Line Flow Meter

For high volume flow measurements at low pressure losses, injection molded Hi-low "In-line" flow meters offers features of glass and metal flow meters at a fraction of their cost. These uniquely designed flow meters incorporate 2" FNPT connections, convenient "half unions" that couple the meter body to the connections, #316 stainless steel internal parts and FKM O-rings. Hi-Flow flow meters render excellent accuracies and repeatability and are virtually maintenance free.

6B04 FEATURES

- ✓ Polysulfone Meter Body Resists High Temperatures and Pressures.
- ✓ Easy to Read Direct Reading Dual Scales (GPM/LPM).
- ✓ Scale Length: 8" (200mm).
- ✓ Adapters and Unions Engineered for Increased Protection from Misalignment and Vibration.
- ✓ Standard Models #316 Stainless Steel Guide Rods.
- ✓ Standard Models #316 Stainless Steel or PTFE Floats.
- ✓ Very Low Pressure Drop.
- ✓ Not Recommended for Direct Sunlight Applications.

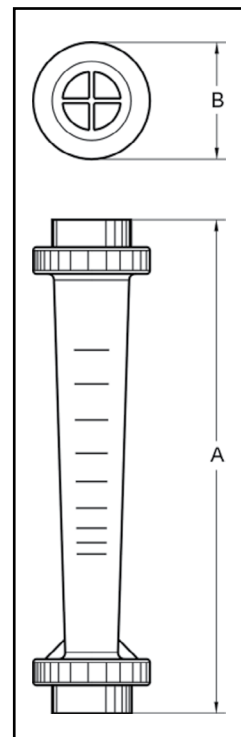
RECENT ENHANCEMENTS

- ✓ Increased Thread Count.
- ✓ Larger Half Union.
- ✓ Longer Scale Length.
- ✓ 15% Increased Pressure Rating.
- ✓ 33% Increased Temperature Rating.

Better Protection Against Misalignment and Vibration

6B04 Dimensional Chart

Letter	6B04
A	18-7/8"
B	4-5/8"



SPECIFICATIONS FOR 6B04

FULL SCALE ACCURACY:	±2%.
MAX. WORKING PRESSURE:	150 PSIG (10.3 BAR) @ 70 °F (21 °C).
MAX. FLUID TEMPERATURE:	200 °F (93.3 °C) @ 0 PSI.
MAXIMUM PRESSURE DROP:	2 PSI.
METER BODY MATERIAL:	Polysulfone.
ADAPTERS MATERIAL:	Polysulfone.
FLOAT:	316 SS or PTFE (Varies per Model).
UNION NUTS:	Fiber Reinforced Nylon (Non-Wetted).
GUIDE ROD HOLDER:	Polysulfone.
GUIDE ROD MATERIAL:	316 SS.
Float:	316 SS or PTFE (Varies by model).
O-RING SEALS:	FKM (EPDM Optional).
CALIBRATION FLUID:	Water, Specific Gravity 1.0.
APPROX. SHIPPING WEIGHT:	5 lbs. (2.27 KG).



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

TABLE 3, MODEL 6B04 HIGH VOLUME IN-LINE FLOW METERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0400-01I	2" FNPT	2.0-20 GPM, 8.0-78 LPM	PTFE	18 7/8
6B0400-02I	2" FNPT	6.0-60 GPM, 30-230 LPM	316 SS	
6B0400-03I	2" FNPT	8.0-80 GPM, 40-300 LPM		
6B0400-04I	2" FNPT	6.0-100 GPM, 20-380 LPM		
6B0400-05I	2" FNPT	20-130 GPM, 80-500 LPM		
6B0400-06I	2" FNPT	25-175 GPM, 100-675 LPM		