

BRASS – SPECIFICATIONS

Fitting Type:	NPT or ISO (Female) BSPT*				
Housing Material:	Brass				
Meter Sizes Available:	1/2"	3/4"	1"	1-1/2"	2"
Flow Range:	1/2" (B05)	1 - 10 GPM (3.8 - 37.9 LPM)			
	3/4" (B07)	2 - 20 GPM (7.6 - 75.7 LPM)			
	1" (B10)	5 - 50 GPM (18.9 - 190 LPM)			
	1-1/2" (B15)	10 - 100 GPM (38.0 - 380 LPM)			
	2" (B20)	20 - 200 GPM (76 - 760 LPM)			
Accuracy (% of Reading):		Turbine Only	Turbine w/Computer		
	1/2" (B05)	± 2.0%	± 1.5%		
	3/4" (B07)	± 1.5%	± 1.0%		
	1" (B10)	± 1.5%	± 1.0%		
	1-1/2" (B15)	± 1.0%	± 0.75%		
	2" (B20)	± 1.0%	± 0.75%		
Repeatability:	± 0.1%				
Pressure Rating:	300 PSI / 21 BAR				
Operating Temperature Range:	-40° F to +250° F (-40° C to +121° C)				
	with Computer:	0° F to +140° F (-18° C to +60° C)			
Typical K-Factor:	1/2" (B05)	2,500 PPG / 660 PPL			
	3/4" (B07)	1,100 PPG / 291 PPL			
	1" (B10)	565 PPG / 149 PPL			
	1-1/2" (B15)	215 PPG / 57 PPL			
	2" (B20)	100 PPG / 26 PPL			
Wetted Materials:	Housing:	Brass			
	Bearings:	96% Alumina Ceramic			
	Shaft:	Tungsten Carbide			
	Rotor:	PVDF			
	Rings:	316 Stainless Steel			
Frequency Range:	1/2" (B05)	42 - 420 Hz @ 1 - 10 GPM			
	3/4" (B07)	37 - 370 Hz @ 2 - 20 GPM			
	1" (B10)	47 - 470 Hz @ 5 - 50 GPM			
	1-1/2" (B15)	36 - 360 Hz @ 10 - 100 GPM			
	2" (B20)	33 - 330 Hz @ 20 - 200 GPM			
Recommended Strainer Size:					
	1/2" (B05)	60 mesh (250 micron)			
	3/4" (B07)	60 mesh (250 micron)			
	1" (B10)	60 mesh (250 micron)			
	1-1/2" (B15)	30 mesh (595 micron)			
	2" (B20)	30 mesh (595 micron)			
Maximum Flow:	1/2" (B05)	15 GPM (56.8 LPM)			
	3/4" (B07)	30 GPM (113.6 LPM)			
	1" (B10)	75 GPM (284 LPM)			
	1-1/2" (B15)	150 GPM (568 LPM)			
	2" (B20)	300 GPM (1,136 LPM)			
Wrench Flat Size:	1/2" (B05)	1-1/16 inch (27 mm)			
	3/4" (B07)	1-5/16 inch (33 mm)			
	1" (B10)	1-5/8 inch (41 mm)			
	1-1/2" (B15)	2-3/8 inch (60 mm)			
	2" (B20)	3 inch (75 mm)			
Shipping Weight:	1/2" (B05)	2.4 lbs./1.0 kg - Turbine Only; 2.2 lbs./1.0 kg			
	3/4" (B07)	2.6 lbs./1.1 kg - Turbine Only; 2.4 lbs./1.0 kg			
	1" (B10)	3.1 lbs./1.4 kg - Turbine Only; 2.9 lbs./1.3 kg			
	1-1/2" (B15)	3.1 lbs./1.4 kg - Turbine Only; 2.9 lbs./1.3 kg			
	2" (B20)	10.0 lbs./4.5 kg - Turbine Only; 9.8 lbs./4.4 kg			
Calibration Report	Comes standard with G2 Series meters. N.I.S.T. – Certification available.				

ELECTRONIC CHOICES

Local Display, Remote Display & Remote Transmitter Options:	See Electronics Section.
--	--------------------------

APPROVALS

