

STAINLESS STEEL – SPECIFICATIONS

Fitting Type:	NPT or ISO (Female) BSPT*				
Housing Material:	316 Stainless Steel				
Meter Sizes Available:	1/2"	3/4"	1"	1-1/2"	2"
Flow Range:	1/2" (S05)	1 - 10 GPM	(3.8 - 37.9 LPM)		
	3/4" (S07)	2 - 20 GPM	(7.6 - 75.7 LPM)		
	1" (S10)	5 - 50 GPM	(18.9 - 190 LPM)		
	1-1/2" (S15)	10 - 100 GPM	(38.0 - 380 LPM)		
	2" (S20)	20 - 200 GPM	(76 - 760 LPM)		
Accuracy (% of Reading):		Turbine Only	Turbine w/Computer		
	1/2" (S05)	± 2.0%	± 1.5%		
	3/4" (S07)	± 1.5%	± 1.0%		
	1" (S10)	± 1.5%	± 1.0%		
	1-1/2" (S15)	± 1.0%	± 0.75%		
	2" (S20)	± 1.0%	± 0.75%		
Repeatability:	± 0.1%				
Pressure Rating:	1,500 PSI / 102 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" (S05)	2,500 PPG / 660 PPL			
	3/4" (S07)	1,100 PPG / 291 PPL			
	1" (S10)	565 PPG / 149 PPL			
	1-1/2" (S15)	215 PPG / 57 PPL			
	2" (S20)	100 PPG / 26 PPL			
Wetted Materials:	Housing:	316 Stainless Steel			
	Bearings:	96% Alumina Ceramic			
	Shaft:	Tungsten Carbide			
	Rotor:	PVDF			
	Rings:	316 Stainless Steel			
Frequency Range:	1/2" (S05)	42 - 420 Hz @ 1 - 10 GPM			
	3/4" (S07)	37 - 370 Hz @ 2 - 20 GPM			
	1" (S10)	47 - 470 Hz @ 5 - 50 GPM			
	1-1/2" (S15)	36 - 360 Hz @ 10 - 100 GPM			
	2" (S20)	33 - 330 Hz @ 20 - 200 GPM			
Recommended Strainer Size:					
	1/2", 3/4" and 1"	60 mesh (250 micron)			
	1-1/2" and 2"	30 mesh (595 micron)			
Maximum Flow:	1/2" (S05)	15 GPM (56.8 LPM)			
	3/4" (S07)	30 GPM (113.6 LPM)			
	1" (S10)	75 GPM (284 LPM)			
	1-1/2" (S15)	150 GPM (568 LPM)			
	2" (S20)	300 GPM (1,136 LPM)			
Wrench Flat Size:	1/2" (S05)	1-1/16 inch (27 mm)			
	3/4" (S07)	1-5/16 inch (33 mm)			
	1" (S10)	1-5/8 inch (41 mm)			
	1-1/2" (S15)	2-3/8 inch (60 mm)			
	2" (S20)	3 inch (75 mm)			
Shipping Weight:	1/2" (S05)	2.3 lbs./1.0 kg - Turbine Only: 2.1 lbs./0.95 kg			
	3/4" (S07)	2.5 lbs./1.1 kg - Turbine Only: 2.3 lbs./1.0 kg			
	1" (S10)	3.0 lbs./1.3 kg - Turbine Only: 2.8 lbs./1.2 kg			
	1-1/2" (S15)	4.6 lbs./2.1 kg - Turbine Only: 4.4 lbs./2.0 kg			
	2" (S20)	6.8 lbs./3.0 kg - Turbine Only: 6.6 lbs./3.0 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.
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APPROVALS

