



BELL
Flow Systems
www.bellflowsystems.com

A109-N100



Series		A109**N100***
Design		Turbine
Housing		Nylon
Fitting Size	Option 1	1 inch
Fitting Type	Option 1	NPT
	Option 2	ISO
Flow Range	GPM	3-50 GPM
	LPM	10-190 LPM
Accuracy		+ -1.5% of reading
	Field Calibration	+ -1% of reading
Repeatability		+ -2%
Pressure Rating	PSIG	150 PSIG
	bar	10.3 bar
Operating Temperature Range	Fahrenheit	14 to 140°F
	Celsius	-10 to 60°C
Typical K Factor		730
Wetted Components	Housing	Nylon 6-6
	Journal Bearings	Ceramic
	Shaft	Tungsten Carbide
	Rotor	Nylon 6-6
	Rings	316 SS
	Signal Generators	Ferrite (Ceramic Magnet)
Frequency Range		36.5-608.3 Hz @ 3-50 GPM
Strainer Size		28 mesh
Maximum Flow	GPM	50 GPM
Maximum Pressure Drop in 10:1 Range	PSIG	5 PSIG
	bar	.34 bar @ 190 LPM
Shipping Weight	lbs	1 lbs
	kg	0.5 kg
Electronic Features	Feature 1	2 Totals (1 Resettable/1 Cumulative)
	Feature 2	Factory Calibrate in Ggallons or Litres
	Feature 3	2 User Calibrations and Flowrate