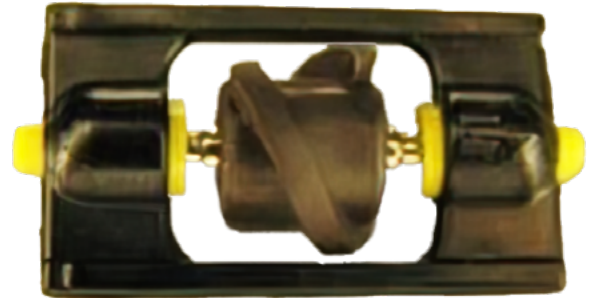


FT-100 Series Flow Turbine Insert

- ▶ Low Flow Rates .2 to 2.0 GPM and High Repeatability 2% of Reading
- ▶ Lightweight Turbine Ensures Fast Startup
- ▶ Mounts In Any Orientation

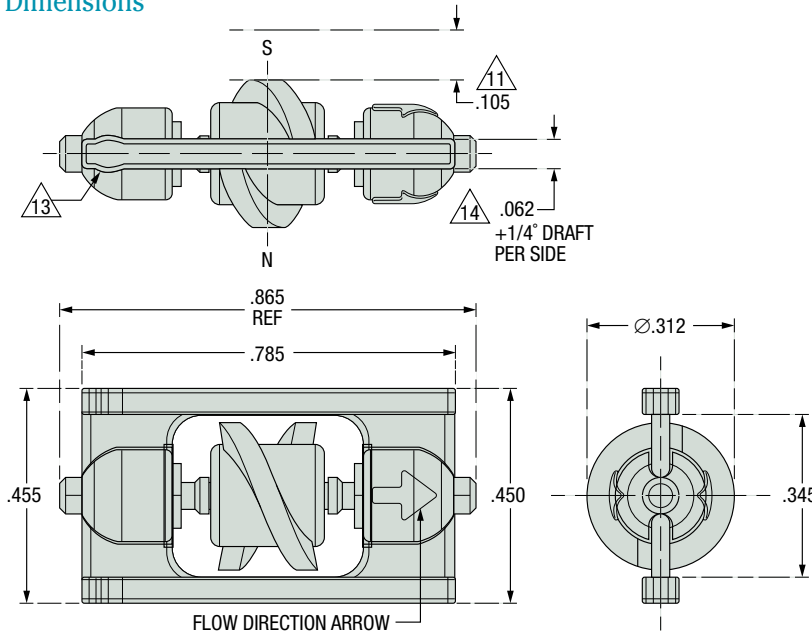
Gems FT-100 Flow Turbine Insert is ideal for OEM applications involving low flow liquid monitoring. Available in four different configurations to meet the needs of multiple applications, including food and beverage with NSF approvals. The low cost and small size provide a great fit for multiple flow-sensing applications. In addition, Turbine technology is not influenced by fluctuations in pressure due to clogged filters.



Specifications

Flow Range	0.2–2.0 gallons/minute 0.75–7.5 liters/minute
Operating Pressure	150 PSI Max (10.34 bar)
Accuracy	5% of Reading
Repeatability	2% of Reading
Viscosity	40 SSU Max (4.3 Centistokes)
Filter	50 Microns
Bore	.335" Diameter
Axle	316 Stainless Steel

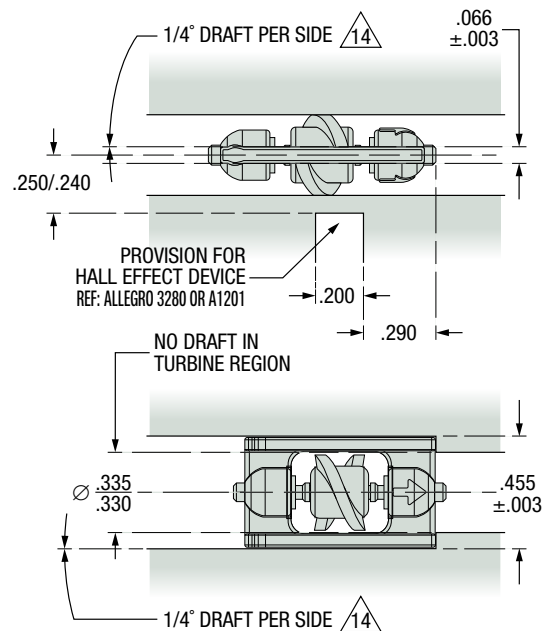
Dimensions



Typical Applications

- Carbonated Beverage Dispensing
- Smart Faucets
- Coffee Makers
- Fertilizer Dispensing

Reference Geometry



How To Order

Specify a Part Number based on desired materials and approvals.

Turbine	Cage	Bearings	Max Temperature	Approvals	Frequency Output	Part Number
Nylon 6	ABS (Black)	Peek (Gray)	160°F (71°C)	NSF 61, WRAS	33–348 Hz	238600
		Nylon 6/12 (Yellow)	100°F (37.78°C)	NSF 61, NSF 18, EU 1935	31–348 Hz	215100
	Polypropylene (White)	N/A		13–325 Hz	253750	
Nylon 12	Noryl (Blue)	Peek (Gray)	185°F (85°C)	WRAS	14–320 Hz	241220