

TS Series Sanitary Turbine Flow Meter

Common Uses

The TS Series Sanitary turbine flow meters are specifically designed for industries where regulations are in place requiring flow meters to meet accuracy requirements and allow for ease of maintenance, cleaning, and installation. Typical industries include:

- Food & Beverage
- Brewing & Distilling
- Pharmaceutical Processing
- Cosmetics



Technical Specifications

General Meter Data	
6 Flow Ranges	.75 up to 600 GPM (over entire product series - see page 2 for meter data by size)
Measuring Accuracy	±0.5% over standard range
Repeatability	±0.1% over standard range
Max. Operating Pressure	1300 (see page 2 for meter data by size)
End Connections	Sanitary Tri-clamp
Turndown	10:1
Operating Temperature Range	-100°F to 450°F (consult factory for other options)

Meter Materials of Construction

Body	316 stainless steel
Rotor	17-4 PH Stainless Steel
Bearings	Hard Carbon Composite or Rulon® 123



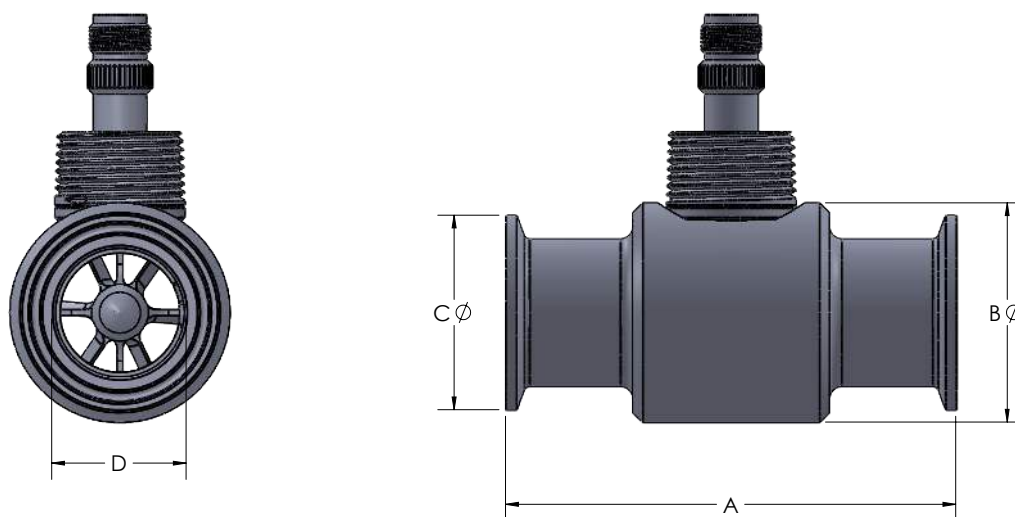
Products may be subject to change without notice - Contact factory for the most up-to-date product information.

TS Series Sanitary Turbine Flow Meter

Meter Data - Sizes

Part Number	Port Size & Type	Flow Range (GPM)	Flow Range (LPM)	K-Factor	Pressure Rating (PSI)	Filtration (Mesh)	Weight (Lbs)
TS-1.5-7.5	1-1/2" Sanitary	0.75-7.5	2.84-28.39	11,500	1000	60x60	8
TS-1.5-50	1-1/2" Sanitary	5-50	18.93-189.93	950	1000	60x60	8
TS-1.5-180	1-1/2" Sanitary	15-180	56.8-681.3	325	990	20x20	7
TS-2-180	2" Sanitary	15-180	56.8-681.3	325	1300	20x20	7
TS-2.5-400	2-1/2" Sanitary	40-400	151-1514	46	200	20x20	7
TS-3-600	3" Sanitary	60-600	227-2270	50	1000	8x8	12

Meter Dimensions



Part Number	A (OAL)	B (OD)	C (Flange Dia.)	D (Inlet Dia.)
TS-1.5-7.5	4"	2.45"	1.98"	1.37"
TS-1.5-50	5"	2.45"	1.98"	1.37"
TS-1.5-180	6"	2.45"	1.98"	1.37"
TS-2-180	6"	2.4"	2.52"	1.37"
TS-2.5-400	6"	2.5"	3.05"	2.065"
TS-3-600	9.8"	3.75"	3.58"	3.06"

Compatible Electronics

Standard (included)	Pulse output
EDGE Sensor	Pulse, analog, or Modbus outputs
Digital Display	EX rated, flow rate & total, analog and pulse outputs



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