

FPP INDUSTRIAL METERS

3" Aluminum, Oval Gear Meter Model TS30A



Model Number TS30AE13

Specifications

Flow Rate

20-200 GPM, viscosities to 300 cSt
76-760 LPM, viscosities to 300 cSt

Pressure

150 PSI @ 100°F (10 Bar @ 40° C)
400 PSI @ 100° F (28 Bar @ 40° C)

Temperature

300°F (80° C)
185° F (85° C) RSFS only
Other limits may apply to electronic devices

Viscosity

Full nominal flow rate to 300 cSt to 350,000 cSt
at reduced flow rates with special gears

Connections

150# RF ANSI flanges

Materials

Case: Anodized Aluminum

Oval gears: Ryton™ (PPS), Teflon™ optional

Posts: 17-4 PH Stainless Steel

Seals: Viton™, Teflon™ optional

Industrial Performance

Linearity

+/- 0.25% @ 1 cSt

Repeatability

+/- 0.1%

Resolution

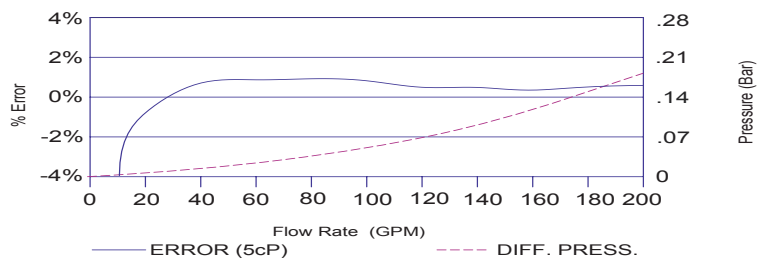
Flow Sensor: 51 PPG

Calibration

Mechanical: 1/10 gallon, whole gallon, lbs., liter,
dekaliters & kg

Electronic: Any unit of mass or volume

Delta P & Accuracy Curves



Registration Options

- * Mechanical Register: 4, 5 or 6 digit
- * Mechanical register/printer, register/preset, or register/preset/printer combination
- * Battery-powered electronic totalizer or register
- * Electronic AC batch controllers, flow computers, and temperature compensation
- * NEMA 4X & NEMA 7/4 enclosures

Accessories

- * Inlet strainer for meter protection
- * Air eliminator on inlet strainer
- * Air check valve with air eliminator
- * Mechanical preset (shut-off) valve
- * Electric or pneumatic preset valve
- * Pulse output, analog signal & serial port
- * Pulse Isolator/Amplifier/Splitter
- * Pump control signal

Note: Recommended protection

Inlet strainer, depending upon viscosity,
with 20, 40 or 80 mesh basket

DIMENSIONAL DRAWINGS



Dimensional Drawings: All dimensions are in inches

