

# 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

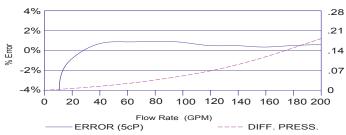
#### Calibration

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

