

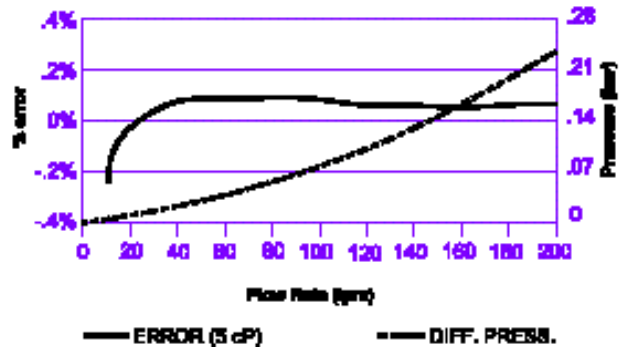
# 30 A OVAL GEAR METER

## APPLICATION

- Flow Rate**  
20-200 GPM, viscosity to 300 cSt  
76-760 LPM, viscosity 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



## DELTA P & ACCURACY CURVES



## FEATURES

- 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

## 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.