

FPP Industrial Meters 2" Aluminum, Oval Gear Meter Model TS20A

FPP Meters' versatile STEALTH Series is available in a variety of configurations including mechanical registration, electronic registration or non-factored pulse output flow sensors. With only two moving parts and exceptional pressure loss characteristics, STEALTH represents the ideal platform for year 2000 metering systems.



TS20ASHE Representative Model

Specifications

- Flow Rate 10-100 GPM, viscosities to 300 cSt 38-380 lpm, viscosities to 300 cSt
- Pressure
 150 PSI@100°F (10 Bar@40°C)
 400 PSI@100°F (28 Bar@40°C) meter only
- Temperature 300°F (149°C) for pulse output 212°F (100°C) mechanical registers 158°F (70°C) ELNC & CC56 registers Other limits may apply to other electronics
- Viscosity Full nominal flow rate to 300 cSt Up to 350,000 cSt with special gears
- Connections
 2" NPT or BSP
 Optional: 2" ANSI flange adaptors
- Materials
 Case: Anodized Aluminum
 Oval gears: Ryton® (PPS)
 Posts: 17-4 PH Stainless Steel
 Seals: Viton™, Teflon™ optional

Industrial Performance

- Linearity +/- 0.25% @ 1 cSt
- Repeatability
- +/- 0.1%
 Resolution
- Flow Sensor: 34 PPG

 Calibration Mechanical: 1/10 gallon, lbs., liter & kg Electronic: Any unit of mass or volume

Delta P & Accuracy Curves .4% 4 PSI .2% 3 PSI ERROR PRESSL 2 PSI 0% % 2% 1 PSI Ц Ē -.4% 0 PSI 10 20 30 40 60 0 50 70 80 90 100 FLOW RATE (GPM) ERROR (5 cP) ---- DIFF. PRESS.

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/SplitterPump control signal
- *NOTE:* Recommended protection Inlet strainer, depending upon viscosity, with 20, 40 or 80 mesh basket



2.937

TS20CSRS Representative Models shown: TS20CV17 3.787-0000 9.305 4.875 1/2" MOUNTING BLOT 1.000 Warranty

Dimensional Drawings: All dimensions are in inches.

18.000

8.600

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