

High Pressure Drum Metering Pump

Versatile, Precise, High Pressure Pumping from Drums

This pump sets a standard for precision, high pressure metering from drums. It is designed for precise, self-priming, quiet, leakproof, metering of liquids, lubricants and additives from drums, totes or tanks to a process point or application. This pump features a rotary, positive displacement sealless pump head which provides a precise, pulseless flow which is easily controllable and repeatable regardless of the preferred discharge pressure. Because the pump is fully submerged at the bottom of the container, it can never leak or lose its prime as it meters the liquid, drawing down to the last 1/8 of an inch of the drum contents.

Features & Benefits

- Dispensing Accuracy to 0.25%
- Output line pressure up to 650 psi
- Flow rates from 10 to 3600 cc/min. (.003 to 0.95 GPM)
- Viscosities from 1 to 25,000 centipoise (Cps)
- Repeatable
- Continuous, virtually pulseless outflow
- Various control options



Typical Applications

Urethanes, Adhesives, Paint and Dies, Finishes, Lubricants, Additives And various chemical pH adjustments and polymer dosing requirements

Input Power Requirements

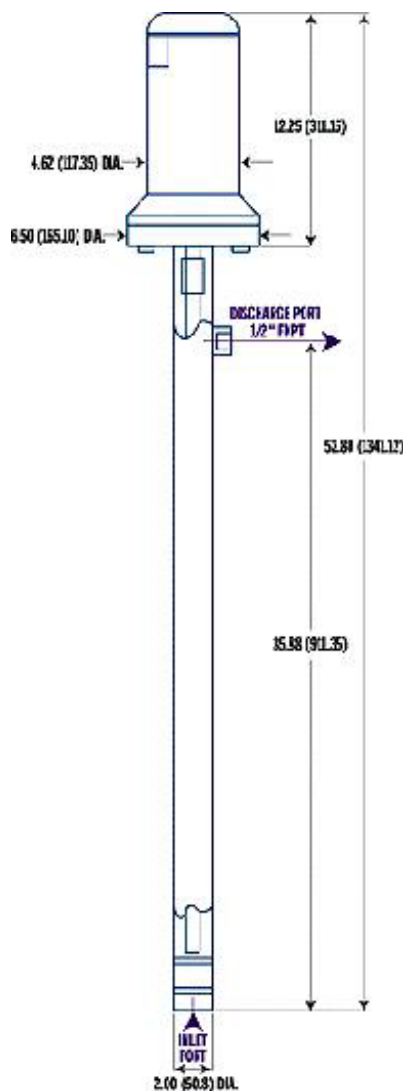
AC Drive Motor: 208/230 - 460V, 3phase, 50/60 Hz
DC Drive Motor: 115V, 1phase, 50/60 Hz

Motor Types (UL/CSA Listed)

Totally Enclosed, Non-Vented (TENV)
Sealed Tite (ST)
Explosion Proof (XP)
Totally Enclosed, Fan Cooled (TEFC)

Options

Relief Valve, Check Valve, Back-Pressure Valve, Recirculation Valve
Chemical Service Motor, Washdown duty Motor, High Efficiency Motor
Batch Controller or Continuous Controller (with AC or DC motor drive)
Drum Bung-hole Adapter in NPT, Buttress or Mauser threads



Metering Pump Specifications

Discharge Flow Rates:	Up to 0.95 Gpm, (3,600 cc/min)
Discharge Pressure:	0 to 650 psi
Discharge Outlet:	1/2" Npt
Viscosity Range:	1 to 25,000 cp
Dispensing Accuracy:	0.25%
Operating Temperature:	-20° > 325°F
Pump Weight:	36 lbs. (16.4kg) (pump only)
MOC's:	Carbon, 17-4 PHss, Ryton, Teflon
Pump Column:	316 stainless steel
Column Height:	39" (other heights available)
Standard Pump Head:	8620 carbon steel (316ss avail.)