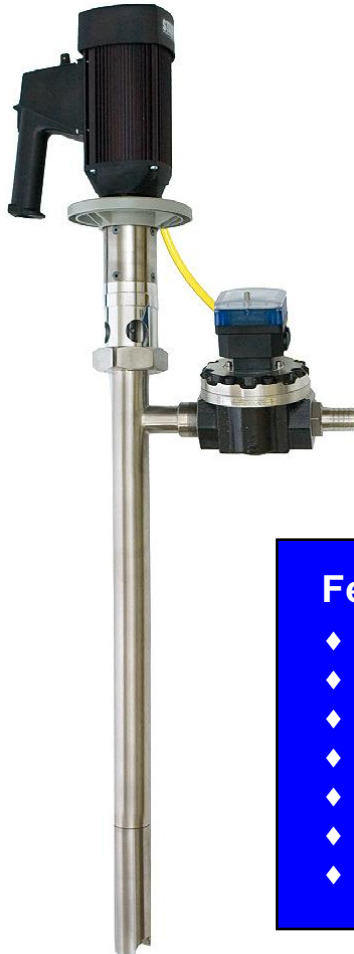


High Viscosity Batch Dispensing

DM-55HVB Series, Metering Pump Data Sheet



DRUM-MATES® DM-55HVB Series high viscosity pumps supply a precise dispensing method for transferring thick liquids from drums, totes or tanks into other containers. Filling applications of all kinds can be simplified into a semi-automatic process by setting the preferred volume, pressing the “Enter” button then observing the viscous material being accurately dispensed.

Built to a fine design standard for rugged industrial use, the DM-55HVB high viscosity batching pump can be used with either TEFC or Open Drip Proof pump motor drives. Using the interchangeable pump drives with any number of pump tubes, can eliminate cross-contamination of different pH's, thick chemicals, heavy coatings, 2 component materials, colorants, viscous polymers, resins, etc. and reduce purging requirements between material changes.

Features

- ◆ Accuracy: +/- .05 % of reading
- ◆ Measure either flow rate or volume
- ◆ Resettable Totalizer
- ◆ Multiple language display
- ◆ Rugged, accurate, oval gear design
- ◆ Measures: gallons, liters, cubic meters, milliliters, imperial gallons
- ◆ Transfer polymers, paints, oils, varnishes, resins, petroleum products, etc.



Oval Gear Design

Technical Specifications

Max. Viscosity	25,000 Cps (centipoise) / mPAS	Max. Discharge Pressure	87 Psi (6 bar)
Max. Particle Size	1/4" (6mm)	Immersion Length	39" (1000m m)
Flow Range	2.6 -15 Gpm, (9.8 - 56 Lpm)	Assembly Weight	44 Lbs. (20 Kg)
Pump Ports	2" (50mm), 1.5" (38mm) Hose Barb	Pump Seal	Mechanical, SiC/Viton/SiC
Motor Drive	Open Drip Proof (IP44) or TEFC (IP55)	Wetted Parts	316SS, Viton, Aluminum
Pumping Principle	Progressive Cavity – Pos. Displacement	Motor Options:	TEFC or Open Drip Proof
Measuring Principle	Oval Gear Positive Displacement Meter	Power Options:	110VAC or 230VAC
Pump Dimensions:	Pump Drive: 9" (228mm) Over-all Width (including handle)		
	Pump Tube: 57" (1446mm) Over-all Length, 2" (50mm) OD x 39" (1000mm) length (pump tube immersion depth)		
	Discharge Port Length: 12" (305mm) including meter		
	Hose Barb: 1.5" (38mm) for 1.5" ID hose		



Ask for literature on DRUM-MATES® drum/tote mixers, drum tumblers, drum/tote pumps & hand nozzles.
DRUM-MATES® Inc., Liquid Process Equip. Div., Tel: 609-261-1033, Fax: 609-261-1034, E: drummates@comcast.net