

ELECTRONIC DOSING PUMPS

KEY SPECIFICATION FEATURES

- Electronically operated Mechanically Actuated Diaphragm
- Solid state encapsulated electronics
- Compact Size
- Light Weight
- Low Maintenance
- High Precision ball and seats for reliable sealing
- Manual stroke length control adjustable while running
- Manual/Automatic speed control adjustable while running or stopped.
- Steady State Accuracy of $\pm 2\%$
- Tolerance on Max.capacity 0 to +25%
- Repeatability $\pm 5\%$
- Composite PTFE faced Hypalon Diaphragm for longer life.
- Electro Magnetic Drive: Less moving parts.
- Low Power Consumption
- Liquid End Material of construction in PP, PVC, PVDF, SS-316
- Suction Lift 1.5 mwc max.



MILTON ROY INDIA

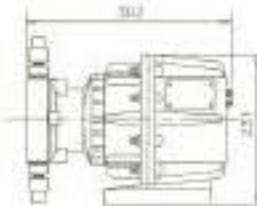
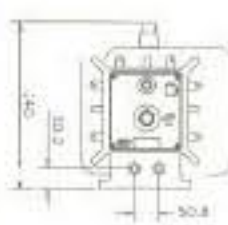
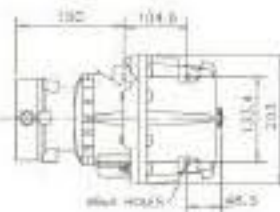
SERIES E

KEY SPECIFICATION FEATURES

- Rugged, Urethane coated cast housing for applications in hazardous environment.
- Manual stroke control.
- Explosion proof enclosure.
- UL Listed for Class -I, Group - C&D:Class-II, Group - E, F&G.
- CCOE Approved for Gas Group 2, Zone II A & II B.
- Pumps will accept modulated frequency signal.
- Explosion proof Junction Box is provided as a standard.

TYPICAL PERFORMANCE

PUMP MODEL	CAPACITY		MAX. INJ. PRESS KG/CM ²	DIAPHRAGM (Sq.Inch)	NET WEIGHT	
	MIN CC/HR	MAX LPH			Plastic	Metallic
E-70	0.024	4.9	20.7	0.9	22.0kg	22.5 kg
E-71	0.047	9.5	10.3	1.8		
E-72	0.047	5.2	6.9	1.8		
E-73	0.150	30.	4.1	3.0	23.0 kg	24.0 kg
E-74	0.038	76.0	1.4	6.0		



Notes (For all models)

- Drive Details : Electromagnetic Power Unit (EPU) 230V, 50Hz. Single Phase AC.
- MAX SPEED 100 SPM
- Discharge End Connection 1/2" NPT(M)
- Model Suffix 'L' comes with Milton Roy Standard Float Type Level Switch with in-built pump trip Eg: A13L.
- Optional : Unique Four Function Valve(FFV) for Positive Anti-syphon, Priming Aid, Back Pressure, Pressure Relief.
Available on all pumps except 'V' Series and D - 14 models and pumps with rated pressure 2 Kg/cm²
- A-79 to A-73, B-71 to B-73/D-70 to D-74: Instrument responsive pumps will accept modulated frequency signal.
- A-99 to A-93, B-91 to B-93/D-90 to D-94: Instrument responsive pumps will accept 4-20 mA signal.
- Pumps are provided with Foot Valve, Anti-syphon Valve and 3M LDPE tubing. Y strainer optional instead of Foot Valve.
- Power Consumption Approx.40 Watts for A&V models
Approx.75 Watts for B models.
Approx.100 Watts for D models
- For 'V' Series pumps speed control is not available.
- 'V' Series pump is available in 'PP' (Liquid End MOC) only.
- Foundation Details : For A, V, B, D use four numbers 5mm screws in slots provided.