



Series "FM" reciprocating type Mechanically actuated diaphragm dosing pumps are driven by a 0.5 HP, 1440 RPM Squirrel Cage induction motor (Input power supply 415V/3Phase/50HzAC)

- ◆ Mechanically actuated Diaphragm
- ◆ High precision balls and seal, rings for accuracy
- ◆ Manual flow control, adjustable while running through stroke length adjustment knob.
- ◆ Composite PTFE Hypalon diaphragm for long life.
- ◆ Motor driven worm shaft & worm wheel drive
- ◆ Liquid end material of construction in PP (Also in SS 316, PVC and Teflon on request)
- ◆ Light weight Aluminium alloy body.
- ◆ Modular design occupying less foot print.
- ◆ Steady state accuracy $\pm 2\%$
- ◆ Repeatability $\pm 3\%$
- ◆ Turn down Ratio 10:1

Industrial Application :

- | | |
|------------------------------|----------------------------|
| ◆ Chlorination | ◆ Chemical & Petrochemical |
| ◆ Water & effluent treatment | ◆ Paper & Textiles |
| ◆ Refineries & Fertilizers | ◆ Thermal Power Plants |
| ◆ Pharmaceutical | ◆ Food & Beverages |



Standard Material of Construction :

Housing	Aluminium	Suction Discharge Fittings	PVC
Specer	Cast Iron	Pressure Relief Valve	PVC
Base Frame	MS	Injection Check Valve	PVC
Head	Polypropelene (PP)	Y Strainer (or) Foot Valve	PVC
Diaphragm	Teflon Faced Hypaion	Tubing	LDPE
Ball	Glass	Elastomers	Viton

Capacity Chart :

Modle	Max Pr. (in Kg./Sq. Cm.)	Max Capacity (in LPH)
FM 10 35	10	35
FM 08 45	08	45
FM 08 60	08	60
FM 05 100	05	100