



MANUFACTURER OF CHEMICAL METERING DOSING PUMPS

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TECHNICAL SPECIFICATIONS

Our Pumps are Reciprocating Plunger & Diaphragm type Metering Dosing Pumps.

GENERAL DETAILS

Models	TM - 25 / TM - 34 / TM - 52
Capacity	TM - 25 = 1 LPH, 2, 3, 5, 10, 20, 50, 100, 200, 300 LPH TM - 34 = 400, 500, 800, 1000, 1200, 1500, 2000, 2500, 3000, 3500 LPH TM - 52 = 4000, 4500, 5000, 6000 LPH
Working Pressure	Normal 5 to 7 kg/cm ² . Higher can be offered up to 200 kg/cm ² .
Strokes per minute	100 / 150 / 200
End Connection	Flanged / Threaded / Triclover ends or as desired.
Suction / Discharge	Up to 200 LPH ½” above ¾” / 1” / 1½”
Adjustment	Adjustable from 0 to 100% Capacity while running or at rest through Micrometer. Suggested between 10 to 100% Capacity.
Viscosity Liquid	Suitable up to 50,000 cps. Suitable for acidic / alkaline liquids.

DRIVE

Motor	0.25 HP	Upto 20 LPH
	0.5 HP	30 LPH to 200 LPH
	1.0 HP to 3.0 HP	300 LPH to 3500 LPH
	3.0 HP to 5.0 HP	3000 LPH to 5000 LPH
Phase	Single / Three Phase, as desired. Other types of motors can be offered.	
Coupling	Lovejoy, Tyre Coupling	

MATERIALS OF CONSTRUCTION

Pump Head, Plunger & Valves	SS 304 / SS 316 / Alloy 20 / Polypropelene / Hastalloy “B” / “C” / Teflon
Packing	PTFE (Teflon)
Gear Box Housing	Graded C.I.
Base Plate	M.S. / SS 304
Pressure Relief Valve	Size: ½”, ¾”, 1” & 1.1/2” in SS 304 / SS 316 or any other material.
Suction Strainer	Size: ½”, ¾”, 1” & 1.1/2” in SS 304 / SS 316 or any other material.
Pulsation Dampener	SS 304 / SS 316 or any other material suitable for the pumps.