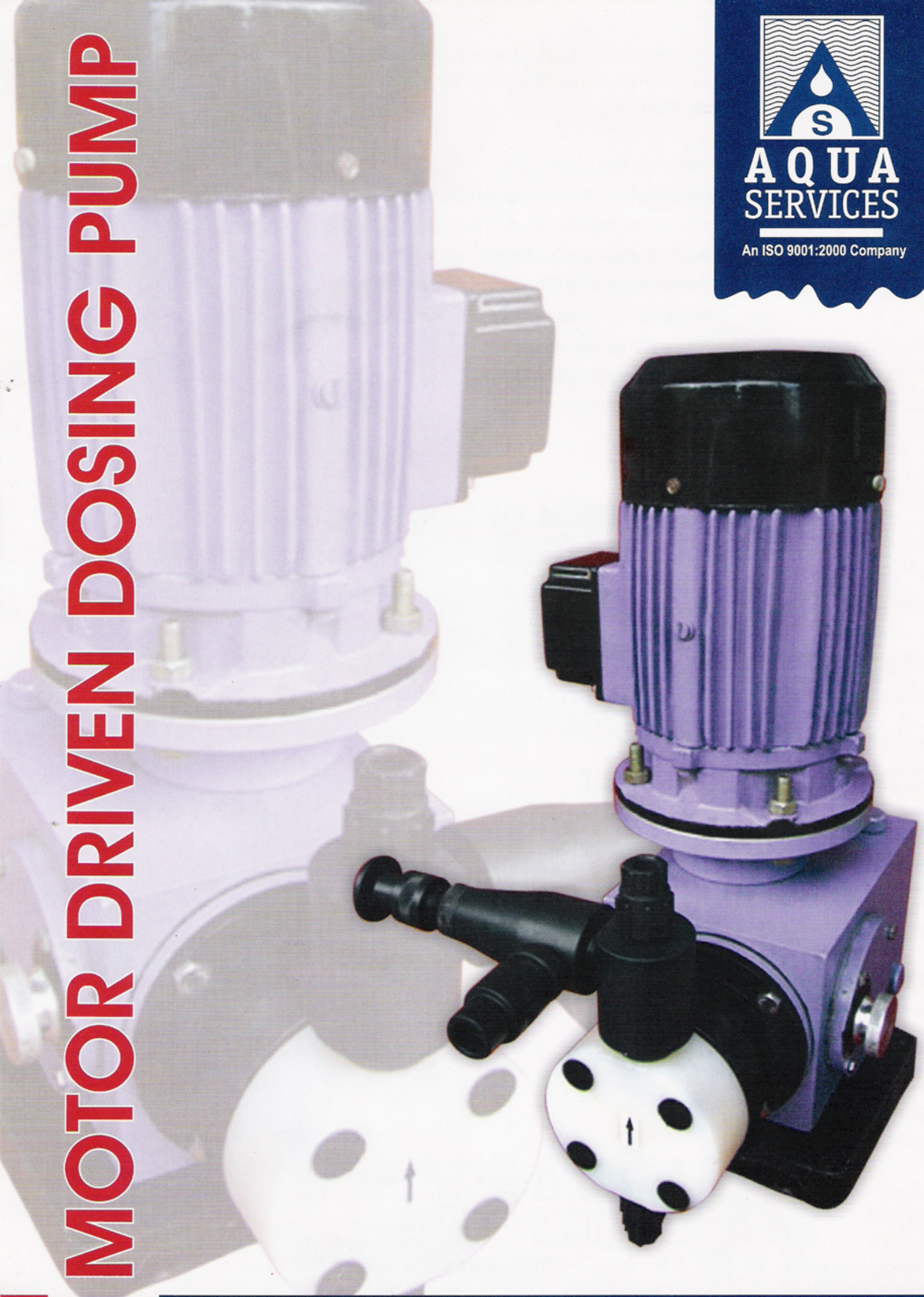


MOTOR DRIVEN DOSING PUMP



**AQUA
SERVICES**

An ISO 9001:2000 Company



MOTOR DRIVEN DOSING PUMP

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

- 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 Ration 10:1

STANDARD MATERIAL OF CONSTRUCTION

| | | | |
|------------|----------------------|----------------------------|-------|
| Housing | Aluminium | Suction Discharge Fittings | PVC |
| Spacer | 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 hypalon | Tubing | LDPE |
| Ball | Glass | Elastomers | Viton |

CAPACITY CHART

| Modle | Max Pr. (in Kg./Sq. Cm.) | Max Capacity (in LPH) |
|-----------|--------------------------|-----------------------|
| FM 10 15 | 10 | 35 |
| FM 08 45 | 08 | 45 |
| FM 08 60 | 08 | 60 |
| FM 05 100 | 05 | 100 |



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