

Spring Return Mechanical Diaphragm

SR series FM type

Spring Return Mechanical Diaphragm Dosing Pump

FM mechanical diaphragm metering pumps are normally used when:

- The dosed liquid contains small amounts of suspended solids
- A drip proof/air tight application is required
- The dosed liquid is a toxic solution

Each pump is fitted with a standard gearbox reduction system with a vertical mounted motor. The reduction gearbox is of a standard endless screw plus worm-wheel type, supported by bearing.

Stroke adjustment can be carried with the pump at rest or in operation and it can be manual. As mechanical diaphragm they are easy for maintenance.

Pecularity of this model is the complete plastic casing suitable for ACID environment.

Wide choice of wetted materials: S.S.316L; PVC; PP; PVDF; PTFE other materials available upon request.

Fittings

- Polyethylene tanks
- Relief valves and back pressure valves
- Safety relief valve
- Injection valve
- Foot valve
- Pulsation dampeners
- Calibration pot

Model	Max Capacity in Lt/h	Max pressure in Barg
FM 050N-30	14	10
FM 050N-50	47	5

