RED HORN
Engineering Pte. Ltd.

CHEMICAL DOSING PUMPS

PRODUCT CATALOGUE

PRECISE | RELIABLE | DURABLE

FOR WATER AND INDUSTRIAL APPLICATIONS



ACCURATE DOSING

WIDE CHEMICAL COMPATIBILITY

ROBUST & DURABLE

EASY MAINTENANCE

WIDE APPLICATIONS

FEATURES



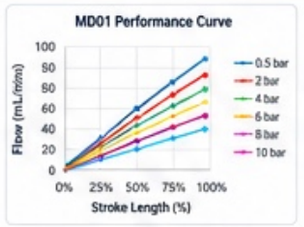
- Compact and versatile design
- High accuracy and stable dosing performance
- Suitable for various chemicals
- Easy installation and maintenance
- Corrosion resistant materials available
- Stroke length adjustable (manual)
- Compact structure, suitable for small space installation

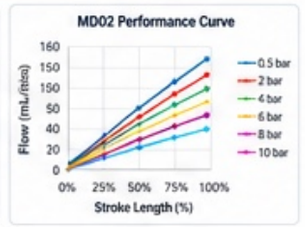
MAIN PERFORMANCE

- Dosing method: Diaphragm metering pump
- Flow adjustment: Manual, 0 – 100% (stroke length)
- Working temperature: 0 – 45°C
- Liquid viscosity: < 200 mPa·s (subject to model and liquid)
- Material: PVC, PVDF, SS304 (subject to model)
- Power supply: 1Φ 110V, 220V or 3Φ 380V (subject to model)
- Protection class: IP54

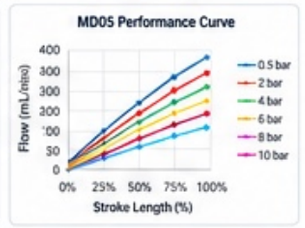
SPECIFICATIONS

Model	Flow (mL/min)		Pressure (bar)	
	50Hz	60Hz	50Hz	60Hz
MD01	60	74	10	10
MD02	105	120	10	10
MD03	237	260	10	10
MD05	353	385	10	10
Diaphragm Diameter	42 mm			
Motor	1Φ 110V, 220V or 3Φ 380V (subject to model)			
Weight (approx.)	3.5 kg			
Connection	6 mm (inlet/outlet)			

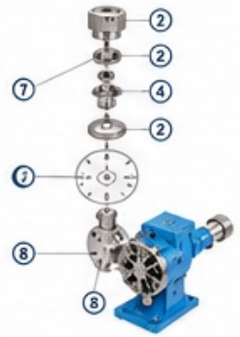








CONSTRUCTION



No.	Part Name	Qty
1	Pump Head	1
2	Valve Cap	1
3	Valve Seat	1
4	Valve Ball	2
5	Diaphragm	1
6	Diaphragm Plate	1
7	Housing	1
8	Base	1



WATER TREATMENT

Coagulant, pH control, disinfection dosing



INDUSTRIAL PROCESS

Chemical transfer and dosing



SWIMMING POOL

pH and chlorine dosing



COOLING TOWER

Corrosion inhibitor and biocide dosing



BOILER SYSTEM

Chemical injection and water treatment



GENERAL INDUSTRY

Various chemical dosing applications



MD01



MD02



MD03



MD05