

Newdose Micro-Mechanical Diaphragm Metering Pump

MOTOR-X Function Introduction:

1. Full PTFE material diaphragm
2. Integrated pump head with check valves
3. 2% metering accuracy
4. Various operation position
5. Lower noise
6. Higher protection class IP65
7. Capacity adjust by stroke length 10~100%



Power supply: 220V 50Hz Single phase Length of wire: 1.5m Solution Temperature: 0~45°C Suggested stroke adjustment range 10%~100%

Technical Parameter Sheet

Specification Model		Capacity	Pressure	Stroke Length	Diaphragm Diameter	Speed	Motor
		L/h	Bar	mm	mm	spm	w
MX30	01-07	1	7	1	35	115	28
	02-07	2	7	2	35	80	28
	03-07	3	7	2	35	115	28
	05-05	5	5	2.5	35	115	28
	08-03	8	3	3	35	115	28
MX40	09-07	9	7	2	47	115	41
	12-06	12	6	3	47	80	41
	15-04	15	4	3	47	115	41
	18-02	18	2	4	47	115	41

Material Sheet

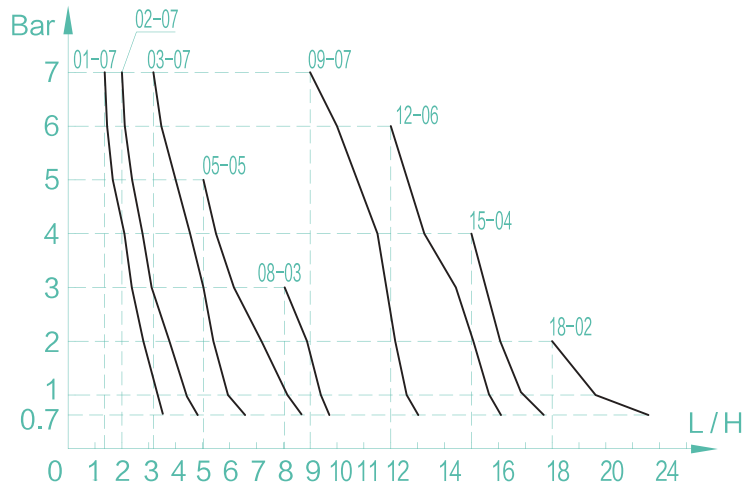
Pump Head Assembly

	PPV	PVT	PTF	SST
PUMP HEAD	PP(FRPP)	PVC	PTFE	SS316
DIAPHRAGM	PTFE	PTFE	PTFE	PTFE
VALVE BALL	CERAMIC	CERAMIC	CERAMIC	SS316
VALVE SEAT	PTFE	PTFE	PTFE	SS316
VALVE BODY	PP(FRPP)	PVC	PTFE	SS316
SEALS	FKM	FKM	PTFE	PTFE

Accessory Kit

	STANDARD	PVT	PTF	SST
		PTFE	PU	UPVC Hard Hose
INLET PIPE	PE	PTFE	PU	/
OUTLET PIPE	PVC	PTFE	PU	/
THREE-PIECE CONNECTORS	PVC	PTFE	PVC	/
BIG NUT	PVC	PTFE	PVC	PVC
FOOT VALVE	PP(FRPP)	/	PP(FRPP)	/
SPRAYER	PP(FRPP)	/	PP(FRPP)	/
SMALL NUT	PP(FRPP)	/	PP(FRPP)	/
HARD HOSE CONNECTORS	/	/	/	PVC

Pump Flow Diagram



Installation

The base support could be installed to the wall in various direction only need to insure the check valves be perpendicular to the ground.

Installation Accessories

- ◆ 2m PVC inlet pipe
- ◆ 1.5m PE outlet pipe
- ◆ 2 sets three-piece connectors
- ◆ one filter and one sprayer

Typical Installation Diagram

