

Orlita[®] Mh Series

High Accuracy Metering

The ProMinent[®] Orlita[®] Mh is a hydraulically-actuated metering pump capable of reaching pressures up to **43,500 psi (3000 bar)** and flows up to **115 gph (430 l/h)**. A stainless steel diaphragm seals the liquid end from the hydraulic chamber while a unique cone valve design in the suction and discharge valve guarantees optimum accuracy

The hydraulic chamber is equipped with internal pressure relief along with an automatic vent valve. These features allow the Mh to operate at high conditions and many different applications.



Applications

- Glycol injection
- Catalyst injection
- Methanol injection
- Molten Sulfur
- LDPE Production
- Drag Reducers

Markets

- Oil & Gas Production
- Refineries
- Chemicals
- Petrochemical
- Environmental
- Water treatment

Features & Benefits

- In Accordance with API 675
- Accuracy +/- 0.5%
- Multiplexing Available
- Flow rates to 115 gph
- Temperatures from -40 to 390°F (-40 to 200°C)
- Unique cone valves
- Stainless Steel diaphragm
- Diaphragm rupture control
- Operating Pressures to 43,500 psi
- Special connections as requested
- Heating/ Cooling jackets

ProMinent[®]

Visit our XTRANET <www.prominentxtranet.com> to:

- sign up for our electronic newsletter
- download literature and manuals
- validate your product warranty

Orlita® Mh Series

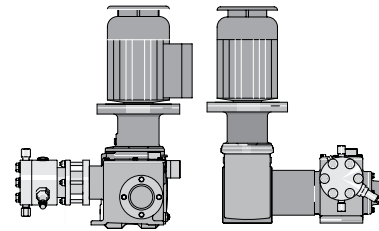
Capacity data

MhS 18 - 60Hz

Plunger Ø mm	Stroke Volume cm ³ /stroke	Capacity max. (theo.) in gph at strokes/min				Max. pressure psig
		88	109	134	174	
5	0.29	0.38	0.51	0.60	0.79	7250
6	0.42	0.57	0.73	0.89	1.14	7250
16	3.02	4.15	5.20	6.37	8.31	1260
20	4.71	6.50	8.12	9.99	13.00	795

MhS 35 - 60Hz

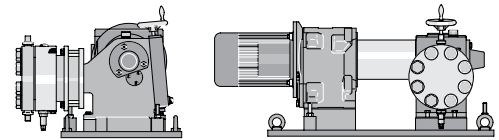
Plunger Ø mm	Stroke Volume cm ³ /stroke	Capacity max. (theo.) in gph at strokes/min				Max. pressure psig
		88	109	134	174	
7	0.77	1.0	1.3	1.6	2.1	13050
8	1.01	1.4	1.7	2.1	2.8	9135
25	9.80	13.5	16.9	20.8	27.1	1025
45	31.81	43.8	54.8	67.5	87.7	315



MhS 35-5

MhS 80 - 60Hz

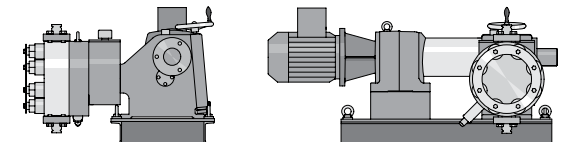
Plunger Ø mm	Stroke Volume cm ³ /stroke	Capacity max. (theo.) in gph at strokes/min				Max. pressure psig
		94	118	146	161	
25	9.82	14.6	18.3	22.8	25.1	4130



MhS 80/22

MhS 600 - 60Hz

Plunger Ø mm	Stroke Volume cm ³ /stroke	Capacity max. (theo.) in gph at strokes/min				Max. pressure psig
		86	108	140	161	
11	3.8	5.2	6.5	8.4	9.7	43500
28	24.6	33.7	42.0	54.8	62.7	9410
30	28.4	38.7	48.2	62.9	72.0	8190
32	32.2	44.0	54.8	71.6	81.9	7205



MhS600/26

MhS 1400 - 60Hz

Plunger Ø mm	Stroke Volume cm ³ /stroke	Capacity max. (theo.) in gph at strokes/min				Max. pressure psig
		96	112	127	150	
32	48.25	73.1	85.0	97.4	114.8	10150