

MS Series Datasheet

COMPACT WALL-MOUNTED SOLENOID-DRIVEN DOSING PUMP

General Information

Mytho's Hyperion MS Series is a simple solenoid dosing pump that manages dosing via microprocessor. Its external enclosure is IP65 rated to guarantee protection against water and dust ingress. The system features constant flow rate and is manually adjustable, with an LED relaying operational status according to dosing regulation.

- Steady green LED switches off with every stroke (pump running)
- Flashing green LED when the potentiometer is 0

The pump head has a manual priming valve with flow rate manually or automatically (by signal input) adjustable from 0 (pump stop) to 100% of the maximum flow rate.

The MS Series can be wall mounted courtesy of the included fixing bracket or fitted on the top of a drum with an optional foot fixing bracket. This system can be used at up to 40°C ambient temperature and 90% humidity away from sun exposure and severe weather conditions.



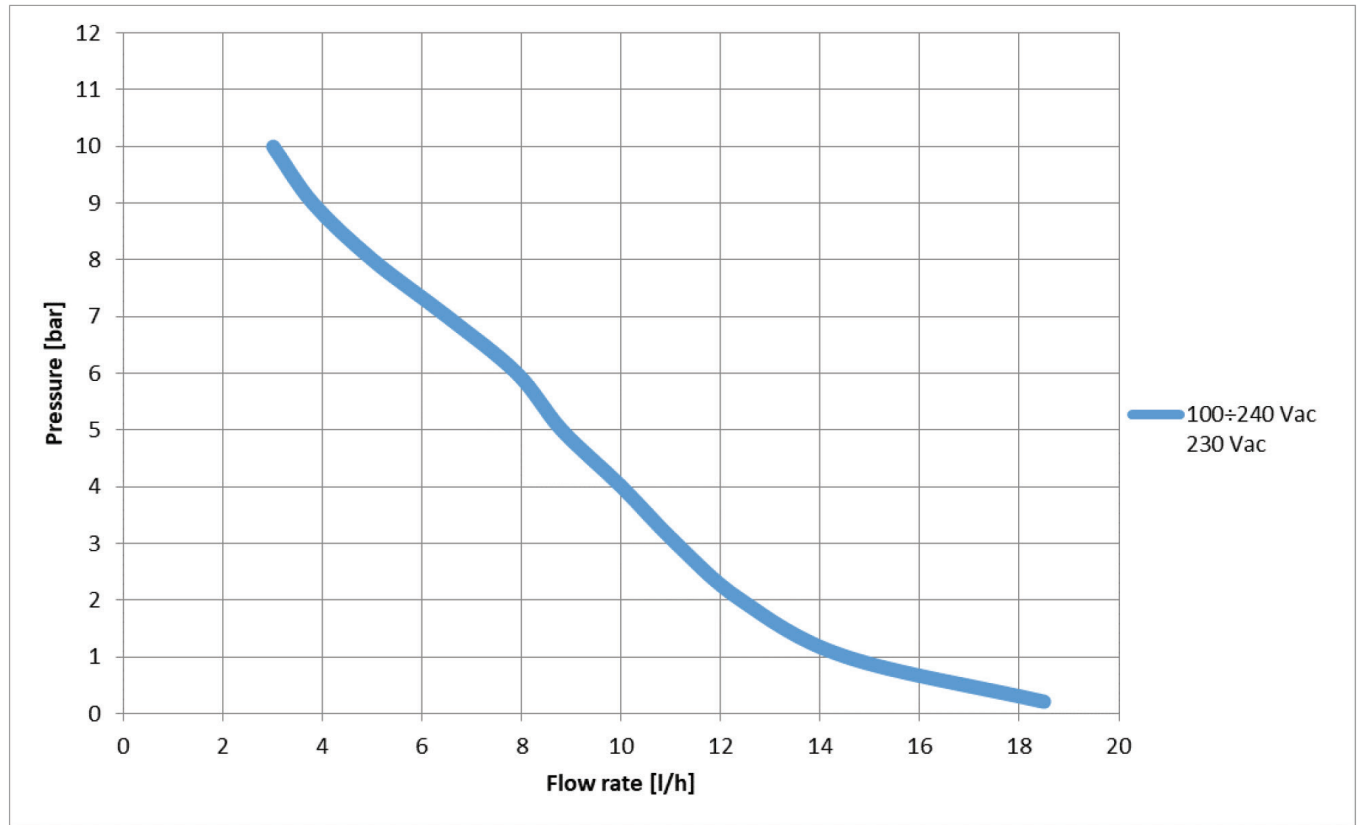
Features

- Flow rates: 5 l/h @ 8 bar, 3 l/h @ 10 bar
- Power supply: 230 Vac - 50/60 Hz
- Stroke rate: 160 strokes/minute
- Pump head: PVDF
- Diaphragm: PTFE
- External enclosure: PP reinforced with IP65-rated fibreglass
- Manual priming valve
- Installation kit included

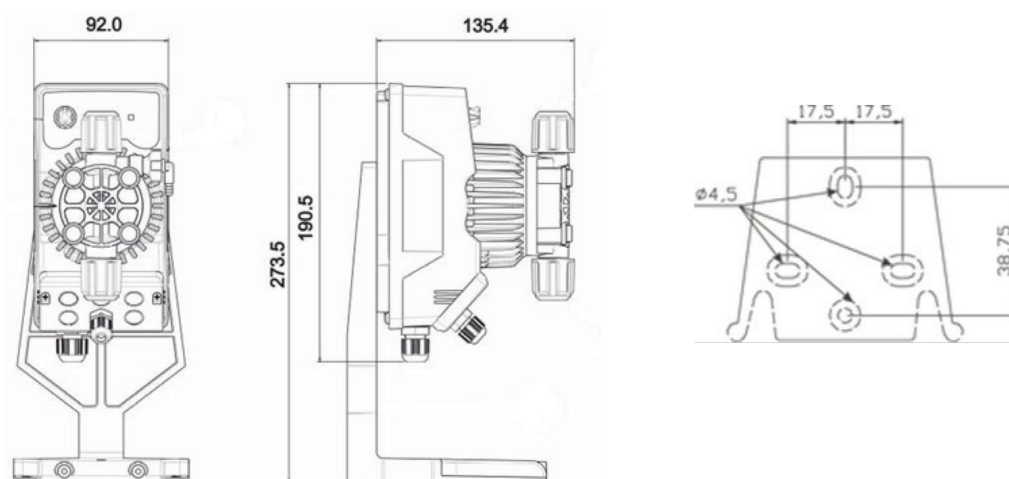
Applications

- Wastewater treatment
- Dairy
- CIP
- Fish farming
- Drinking water
- Cooling towers
- Boiler
- Reverse osmosis
- Galvanic industry
- Irrigation

MS Series Performance Curves



MS Series Overall Dimensional Drawing



M Series key code

Model																																			
MS		Analogue interface - Constant flow rate manually adjustable.																																	
<table><tr><th>Hydraulics</th><th>Pressure [bar]</th><th>Flow rate [l/h]</th><th>Capacity [cc/stroke]</th><th>Frequency [stroke/min]</th><th>Ø Hydr Connections IN / EXT.[mm]</th><th>Consumption W</th><th colspan="3"></th></tr><tr><td rowspan="2">08</td><td>10</td><td>3</td><td>0.31</td><td rowspan="2">160</td><td rowspan="2">4 / 6</td><td rowspan="2">12</td><td colspan="3"></td></tr><tr><td>8</td><td>5</td><td>0.52</td><td colspan="3"></td></tr></table>										Hydraulics	Pressure [bar]	Flow rate [l/h]	Capacity [cc/stroke]	Frequency [stroke/min]	Ø Hydr Connections IN / EXT.[mm]	Consumption W				08	10	3	0.31	160	4 / 6	12				8	5	0.52			
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