MRP3

DIAPHRAGM PUMP FOR LIQUID APPLICATION



Attributes

100% Oil-free
Excellent gas sealing / Contamination free
Excellent flow to size ratio
Low power consumption and noise level
Quick and easy maintenance procedure
Pump Re-Start at maximum levels
Possibility to handle separate liquids per head

Applications

Aspiration (surgical, welding)
Small portable equipment
Reprographics / Printing
Environmental sampling
Laboratory analysis
Dosing

Performance Data (single head)

Maximum Flow (gas)	3.5 l/min (3 l/min @12Vdc)
Maximum Flow (liquid)	650 ml/min
Maximum Vacuum (gas)	-467 mbar
Maximum Pressure (gas)	600 mbar
Maximum Pressure (liquid)	18 mH_2O
Maximum pressure Start up	-467 mbar
Maximum pressure Start up	600 mbar

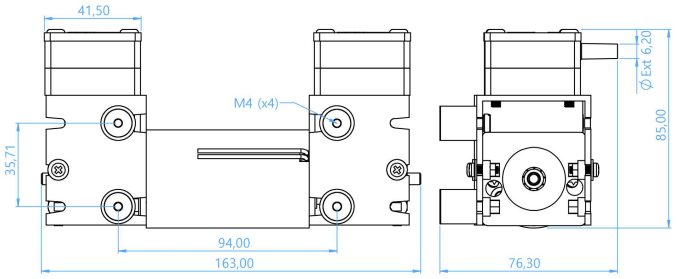
Motor Data

Motor Type	DC Brushed	
Voltage	12 Vdc	24 Vdc
Maximum current (gas)	0.90 A	0.50 A
IP	50	
Insulation Class	E	
Electrical Connection	2 wire length 290 mm	

Additional Data

Average Noise	61 dB
Weight	780 g

Dimensions in mm



Available Material Options

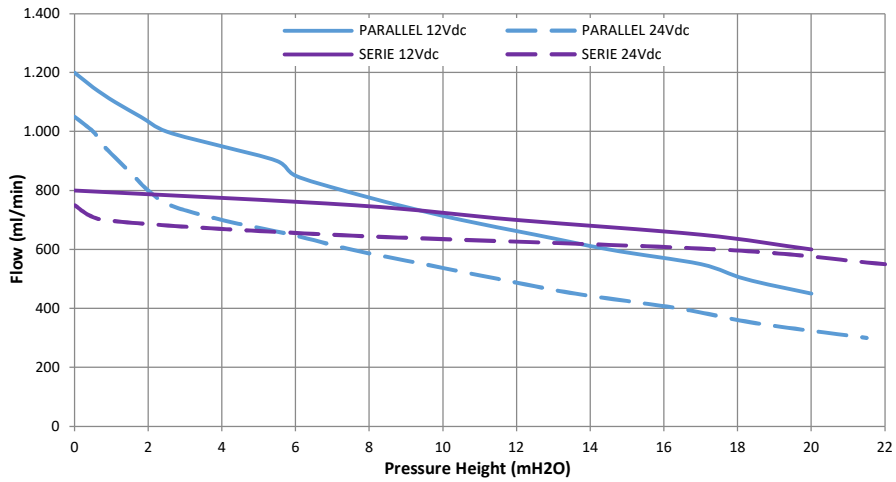
Head	PPS (alternatives on request)
Diaphragm	FKM (alternatives on request)
Valve	FKM (alternatives on request)
O-Ring	VMQ (alternatives on request)

Service kits

RUBBER KIT H/S5 M/SR L [1]	900.21

[1] (single head)

Pressure / Flow characteristic (liquid)



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