

# MRP3



## Performance Data (single head)

Maximum Flow	8 l/min (7.5 l/min @12Vdc)
Maximum Vacuum	-813 mbar
Maximum Pressure	1300 mbar <sup>[1]</sup>
Maximum vacuum Start up	-813 mbar
Maximum pressure Start up	1300 mbar

<sup>[1]</sup> Available under request for maximum pressure up to 2000 mbar

## Motor Data

Motor Type	DC Brushed
Voltage	12 Vdc   24 Vdc
Maximum current	3.00 A   1.20 A
IP	50
Insulation Class	E
Electrical Connection	2 wire length 290 mm

## Additional Data

Average Noise	57 dB
Weight	780 g

## DIAPHRAGM PUMP FOR AIR/GAS APPLICATION

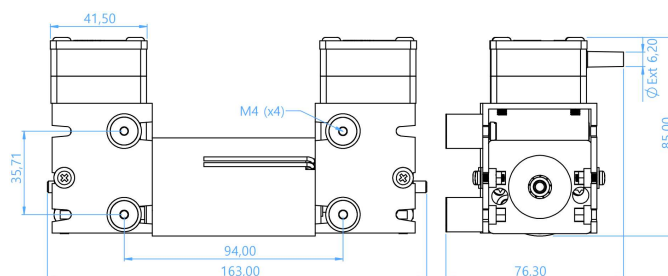
### Attributes

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

### Applications

Aspiration (surgical, welding)  
Small portable equipment  
Environmental sampling  
Laboratory analysis  
Laser cutters  
Pick and place, transport  
Vacuum-therapy

## Dimensions in mm



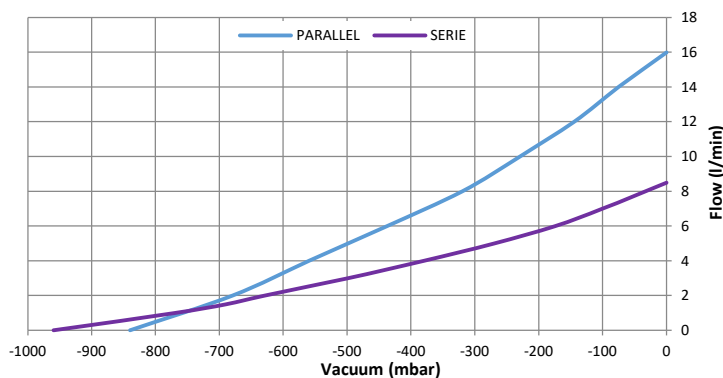
## Available Material Options

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 P&N <sup>[2]</sup>	900.12
<sup>[2]</sup> (single head)	

## Vacuum / Flow characteristic



## Pressure / Flow characteristic

