MRP3

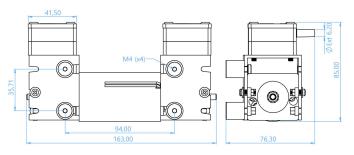
EAD

DIAPHRAGM PUMP FOR <u>AIR/GAS</u> 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

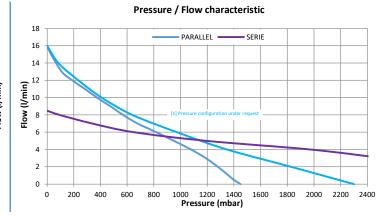
Aspiration (surgical, welding) Small portable equipment Environmental sampling Laboratory analysis Laser cutters Pick and place, transport Vacuum-therapy

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)







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Applications



Performance Data (single head)

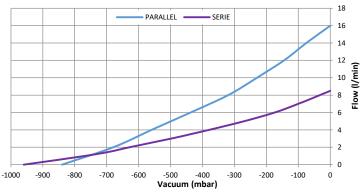
| Maximum Flow | 8 l/min (7.5 l/min @12Vdc) | |
|---|----------------------------|--|
| Maximum Vacuum | -813 mbar | |
| Maximum Pressure | 1300 mbar ^[1] | |
| Maximum vacuum Start up | -813 mbar | |
| Maximum pressure Start up 1300 mbar | | |
| ^[1] Available under request for maximum pressure up to 2000 mbar | | |

Motor Data

| NOCOL 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



Vacuum / Flow characteristic