# EVO5

## DIAPHRAGM PUMP FOR AIR/GAS APPLICATION



| Attributes | Applications |
|---|---|
| High performance EVO standards | Aspiration (surgical, welding) |
| 100% Oil-free | Environmental sampling |
| Excellent gas sealing / Contamination free | Laboratory analysis |
| Long reliable service life | Laser cutters |
| Low power consumption and noise level | Pick and place, transport |
| Quick and easy maintenance procedure | Vacuum-therapy |
| Exceptional motor lifetime | |

### Performance Data

| | |
|---|---|
| Maximum Flow | 11 l/min |
| Maximum Vacuum | -953 mbar |
| Maximum Pressure | 2000 mbar |
| Maximum vacuum Start up | -133 mbar |
| Maximum pressure Start up | ATM |

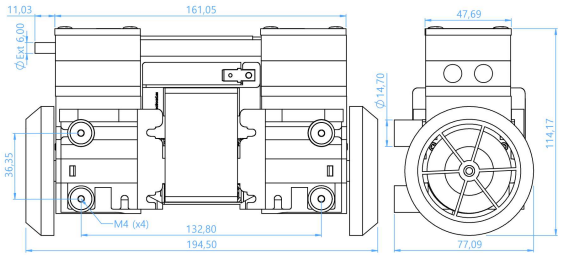
### Motor Data

| | |
|---|---|
| Motor Type | Shaded pole motor |
| Voltage | 230 Vac 50/60 Hz |
| Maximum current | 0.70 A |
| IP | 00 |
| Insulation Class | B (120°C Th. Protection) |
| Electrical Connection | Female 6.3 x 0.8mm tab (L+N) |

### Additional Data

| | |
|---|---|
| Average Noise | 55 dB |
| Weight | 1780 g |

### Dimensions in mm



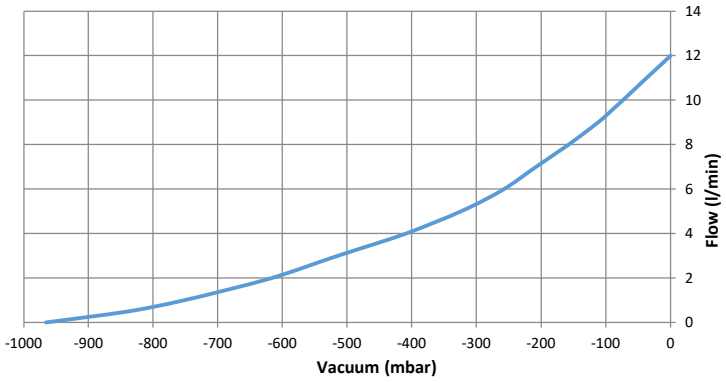

### Available Material Options

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

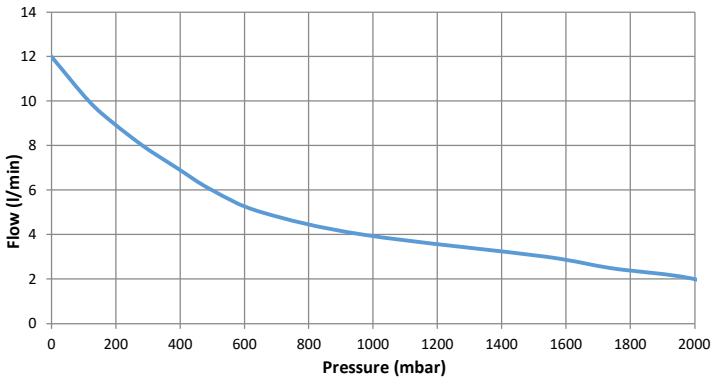
### Service kits

| | |
|---|---|
| RUBBER KIT EVO5 | 900.61 |

### Vacuum / Flow characteristic




### Pressure / Flow characteristic

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