



designed for scientists



## MVP 10 basic vacuum pump

/// Data Sheet

For dry, oil-free applications

- Slimline, compact design and long service life
- Straightforward servicing and simple maintenance
- Diaphragm pump that is highly resistant to chemicals as all parts that come into contact with gas are made of PTFE or PTFE compounds

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Subject to technical changes



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## Technical Data

|                                            |                 |
|--------------------------------------------|-----------------|
| Pump rate max. (50/60Hz) [m³/h]            | 1.7             |
| Pump rate max. (50/60Hz) [l/min]           | 28.3            |
| Final pressure without gas ballast [mbar]  | 7               |
| Final pressure with gas ballast [mbar]     | 15              |
| Suction levels                             | 2               |
| Cylinder                                   | 2               |
| Connection diameter suction side [mm]      | 10              |
| Connection diameter pressure side [mm]     | 10              |
| Gas ballast valve                          | yes             |
| Input pressure [mbar]                      | 7 - 1050        |
| Speed range [rpm]                          | 1380 - 1680     |
| Nominal speed [rpm]                        | 1380            |
| Noise at low. pressure [dB(A)]             | 65              |
| Dimensions (W x H x D) [mm]                | 245 x 155 x 320 |
| Weight [kg]                                | 11.5            |
| Permissible ambient temperature [°C]       | 10 - 40         |
| Permissible relative humidity [%]          | 80              |
| Protection class according to DIN EN 60529 | IP 54           |
| Voltage [V]                                | 230 / 115 / 100 |
| Frequency [Hz]                             | 50/60           |
| Power input [W]                            | 180             |