



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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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 |