



PROVAC

SALES

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Agilent MS40+

Technical Specifications

Free air displacement	828 l/min (29.2 cfm; 49.7 m ³ /h)
Pumping speed (at 5 mbar inlet pressure)	40 m ³ /h
Ultimate total pressure *	5x10 ⁻² mbar
Oil capacity min/max	1 l
Motor rating 1ph	0.75 kW
Noise level with gas ballast closed	≤ 62 dB(A)
Oil temperature (pump operating)	60 °C 140 °F
IP Value	20
Installation category	II
Pollution degree	2
Operating temperature range	12-40 °C
Nominal rotation speed	1450 rpm
Weight	33 kg (73 lbs)
Inlet flange	40KF DN
Exhaust flange	25KF DN
Dimensions:	
- length	418 mm
- width	297 mm
- height	228 mm
Nominal Input Voltage	200-240 V
Input frequency	50/60 Hz
Max input power	1200 VA
Internal Main Fuse (TT type)	12.5 A

* According to PNEURO P 6602 - No gas ballast port



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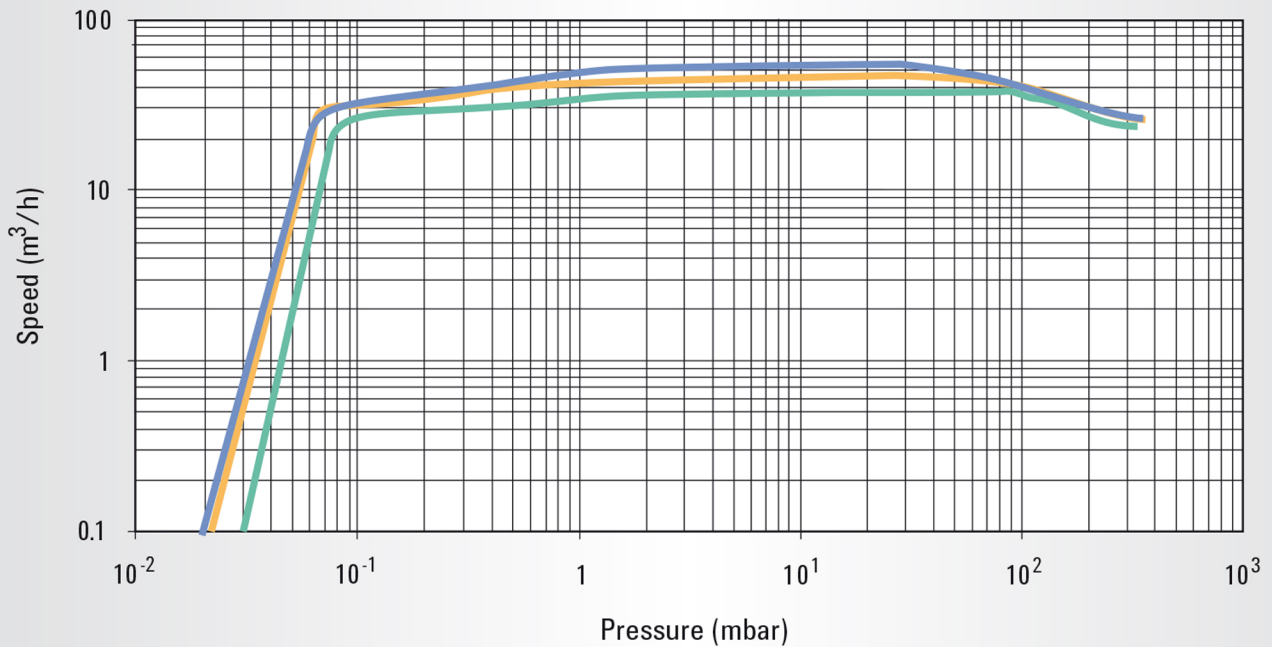
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Agilent MS40+ Pumping Curves

MS 40+ Pump Speed Curve



1200 rpm

1500 rpm

1800 rpm





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Features & Benefits

- anti-suckback valve and vent device
- forced oil circulation / air ventilation
- large pumping capacity
- universal voltage and frequency
- lowest noise, highest throughput
- green technology
- built-in oil shield
- low power requirements
- proven inverter technology

Applications

- analytical instruments • mass spectrometry • electron microscopes
- leak detection • industrial vacuum processes • high energy physics
- research laboratories

Dimensions

