

Agilent DS 40M Rotary Vane Pump



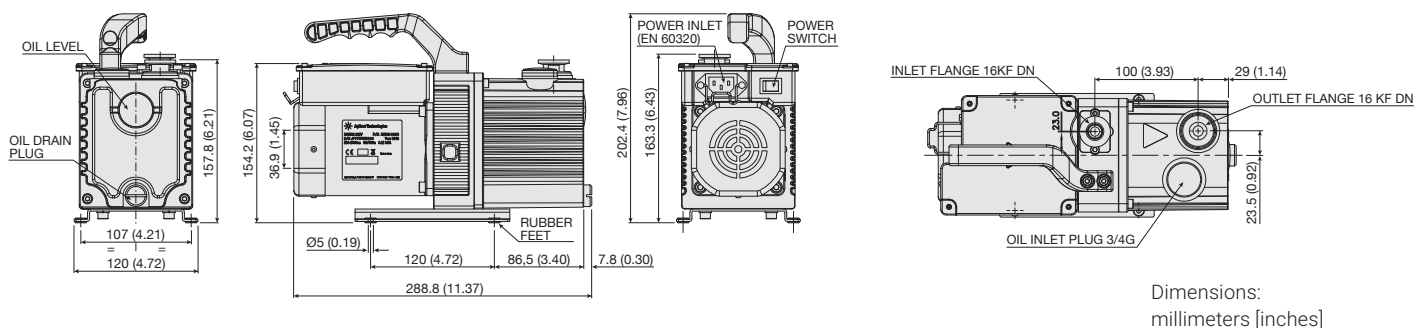
The DS 40M is the new 2m³/h Agilent Rotary Vane Pump with magnetic coupling that makes the pump oil-leak free.

Designed for very low noise - the lowest on the market for this size - and for low power consumption, DS 40M is ideal for use in Labs.

Thanks to its small dimensions the pump can retrofit any competitor's pump of the same size.

The DS 40M is the pump of choice for use on GC-MS instruments, Leak Detectors and Turbo Pumping Systems.

Outline Drawings



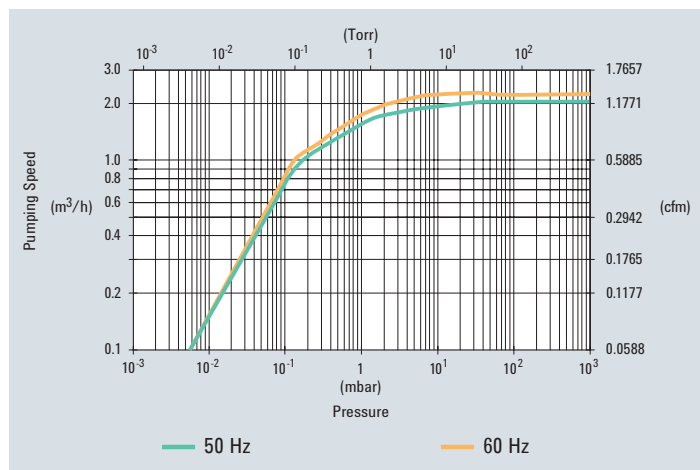
Dimensions:
millimeters [inches]

Technical Specifications

Free air displacement	l/min (cfm) [m ³ /h]	50 Hz: 37 (1.3) [2.2] 60 Hz: 43 (1.5) [2.6]
Pumping speed*	l/min (cfm) [m ³ /h]	50 Hz: 30 (1.1) [1.8] 60 Hz: 37 (1.3) [2.2]
Ultimate total pressure*	Pa (torr) [mbar]	6.7x10 ⁻¹ (5.0x10 ⁻³) [6.7x10 ⁻³]
Noise level	dB(A)	50 Hz: 45 60 Hz: 46
Oil capacity max	liters	0.37
Motor rating 1ph	kW	50 Hz: 0.1 60 Hz: 0.1
Nominal rotation speed	rpm	50 Hz: 2280 60 Hz: 3480
Weight	Kg (lb)	9.3 (20.5)
Dimensions	mm	120 (W) x 289 (L) x 203 (H)
Power cord included	Yes	50 Hz: EU plug / UK plug 60 Hz: US plug
Inlet flange		16KF DN
Exhaust flange		16KF DN
Certifications		CE, cTUVus

* According to PNEUROF 6602

Pumping Speed Curve



Ordering Information

Dual Stage Rotary Vane Pump	
DS 40M 100-120 V - 50/60Hz	X3703-64000
DS 40M 200-240 V - 50/60Hz	X3703-64001
DS 40M, 100 V, with exhaust filter	X1699-64052
DS 40M, 220 V, with exhaust filter	X1699-64053

Oil and Accessories	
Rotary vane fluid, AVF 20S type, 0.5 liter	X3703-64006
DS 40M oil mist trap 3/4 G	X3703-64003
DS 40M oil mist trap cartridge (pkg. of 2)	X3703-64004
DS 40M maintenance kit	X3703-64005
NW 16 centering ring viton	KC16AV
NW 16 aluminum clamp	KQ16AWP

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