

A-VAC INDUSTRIES, INC.



EDWARDS E2M28

Technical Data

Displacement (swept volume)	
50 Hz	32.2 m ³ h ⁻¹ / 19 ft ³ min ⁻¹
60 Hz	38.9 m ³ h ⁻¹ / 22.3 ft ³ min ⁻¹
Speed (Pneurop 6602)	
50 Hz	27.5 m ³ h ⁻¹ / 16.2 ft ³ min ⁻¹
60Hz	33.0 m ³ h ⁻¹ / 19.5 ft ³ min ⁻¹
Ultimate vacuum (total pressure)	
without gas ballast	1 x 10 ⁻³ mbar / 7.5 x 10 ⁻⁴ Torr
with gas ballast	1.5 x 10 ⁻² mbar / 1.1 x 10 ⁻² Torr
with Fomblin®	1 x 10 ⁻² mbar / 7.5 x 10 ⁻³ Torr
Inlet connection	NW25 flange
Outlet connection**	Nozzle 15 mm external Ø removable from 3/4 in BSP tapped hole
Max allowed pressure at outlet	0.5 bar gauge / 7 psig
Max inlet pressure for water vapour	30 mbar / 23 Torr
Max water vapour pumping rate	0.7 kg h ⁻¹
Operating temperature range	13 – 40 °C
Nominal rotation speed	1440 / 1720 rpm
Motor power 50 Hz	0.75 kW
Motor power 60 Hz	0.90 kW

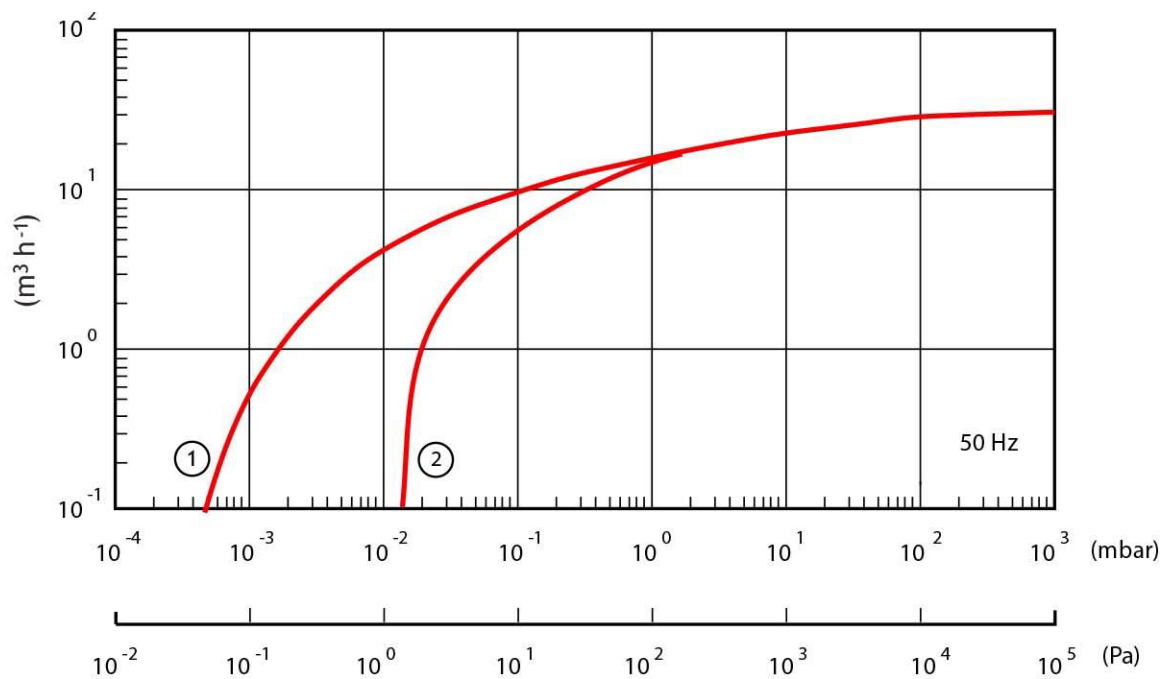
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Power Connector 1-ph*	IEC EN60320 C19
Weight	44 kg / 97 lbs
Noise	57 dB(A) @ 50 Hz
Oil capacity - max	1.5 litre
Oil capacity - min	1.2 litre
Recommended oil (supplied)	A-VAC 19 Oil

* Pumps listed with IEC connector only

** The FX are supplied with NW25 outlet connection

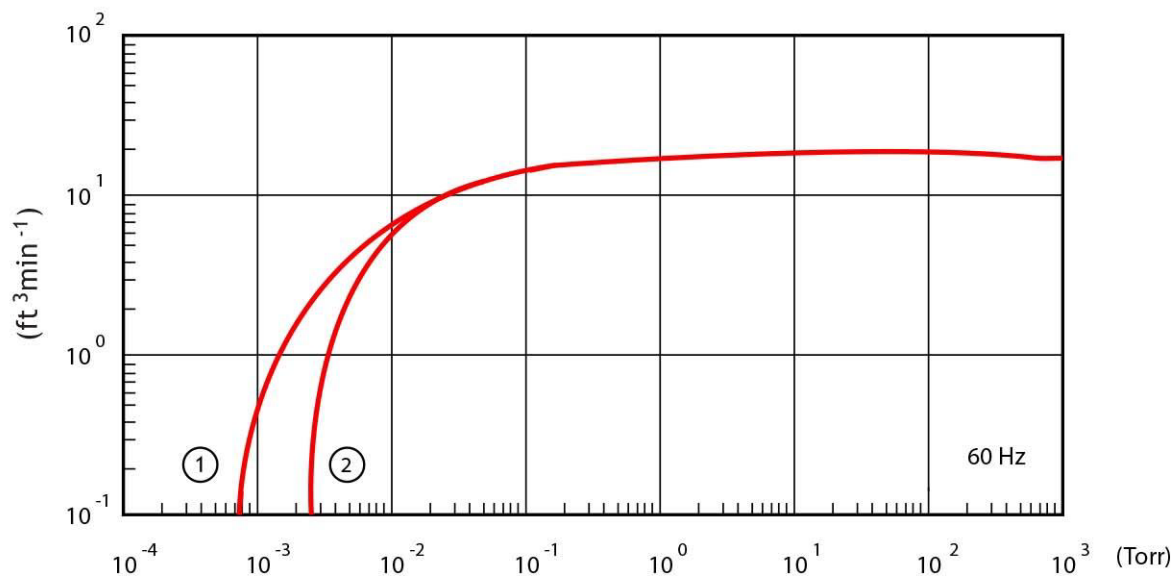
Performance



1. Without gas ballast

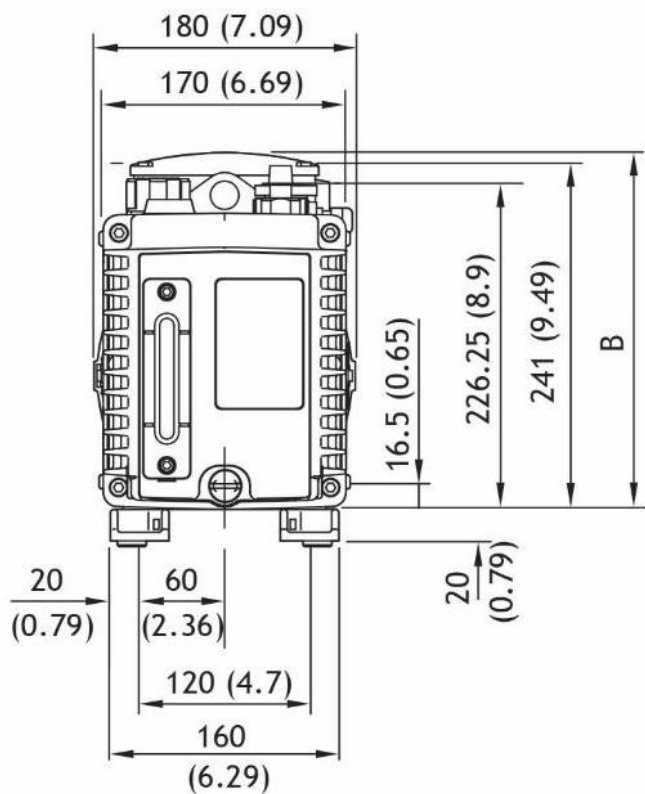
2. With gas ballast

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1. Without gas ballast	2. With gas ballast
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Dimensions



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