

## RV3 ROTARY VANE PUMP

3.7 m<sup>3</sup>h<sup>-1</sup>, 2.2 ft<sup>3</sup>min<sup>-1</sup>, 61.7 l min<sup>-1</sup>

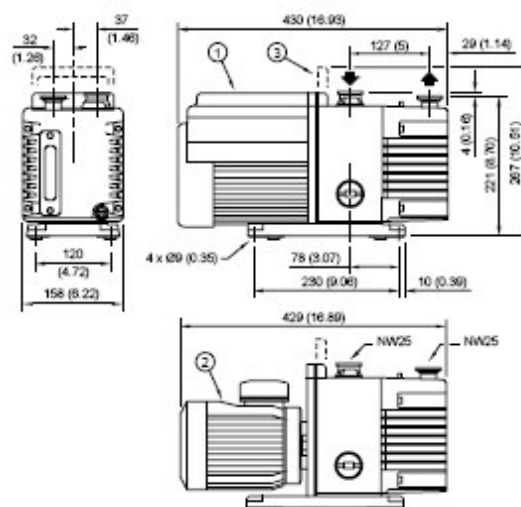
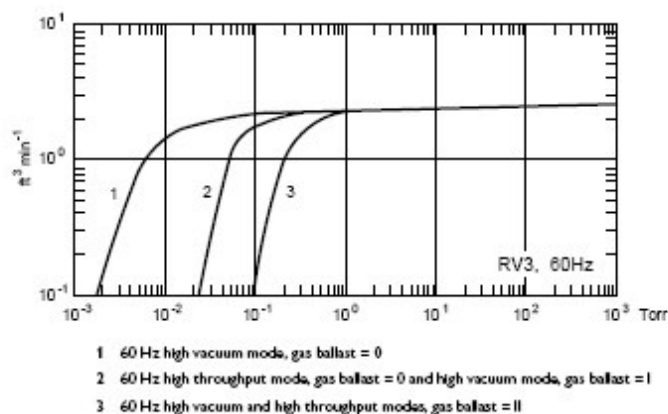
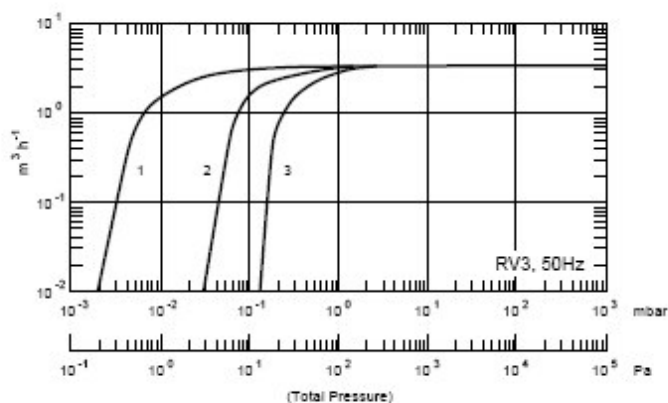


### TECHNICAL DATA

Displacement	
50 Hz operation	3.7 m <sup>3</sup> h <sup>-1</sup> / 2.2 ft <sup>3</sup> min <sup>-1</sup>
60 Hz operation	4.5 m <sup>3</sup> h <sup>-1</sup> / 2.6 ft <sup>3</sup> min <sup>-1</sup>
Speed (Pneurop 6602)	
50 Hz operation	3.3 m <sup>3</sup> h <sup>-1</sup> / 2 ft <sup>3</sup> min <sup>-1</sup>
60 Hz operation	3.9 m <sup>3</sup> h <sup>-1</sup> / 2.3 ft <sup>3</sup> min <sup>-1</sup>

GAS BALLAST	ULTIMATE VACUUM (TOTAL PRESSURE)	
	HIGH VACUUM MODE	HIGH THROUGHPUT MODE
Closed	2 x 10 <sup>-3</sup> mbar / 1.5 x 10 <sup>-3</sup> Torr	3 x 10 <sup>-2</sup> mbar / 2.3 x 10 <sup>-2</sup> Torr
Low flow, I	3 x 10 <sup>-2</sup> mbar / 2.3 x 10 <sup>-2</sup> Torr	6 x 10 <sup>-2</sup> mbar / 4.6 x 10 <sup>-2</sup> Torr
High flow, II		1.2 x 10 <sup>-1</sup> mbar / 9.1 x 10 <sup>-2</sup> Torr

Inlet connection	NW25
Outlet connection	NW25
Maximum allowed outlet pressure	1 bar gauge / 14 psig
Maximum allowed inlet and gas ballast pressure	0.5 bar gauge / 7 psig
Maximum water vapor inlet pressure	80 mbar / 60 Torr
Maximum water vapor pumping rate	
Gas ballast low flow	60 g h <sup>-1</sup>
Gas ballast high flow	220 g h <sup>-1</sup>
Motor power	
50Hz	250 W
60Hz	300 W
Electrical supply	
1-phase	110-120 V or 220-240 V, 50 or 60 Hz
3-phase	200-230 V or 380-460 V, 50 or 60 Hz
Operating temperature range	12 - 40 °C
Weight, without oil	21.6 kg / 47.3 lbs
Noise	48 dB(A) @ 50 Hz
Oil capacity	
Maximum	0.7 liter
Minimum	0.42 liter
Recommended oil (supplied)	Ultragrade 19



1 1-phase motor 2 3-phase motor 3 Retractable handle