



Atlas Copco GVD 0.7, GVD 1.5

Technical Specifications

	GVD 0.7		GVD 1.5	
	50 Hz	60 Hz	50 Hz	60 Hz
Displacement	0.9 m ³ /h ¹ / 0.5 cfm	1.1 m ³ /h ¹ / 0.6 cfm	1.8 m ³ /h ¹ / 1.0 cfm	2.2 m ³ /h ¹ / 1.3 cfm
Speed (Pneuop 6602)	0.75 m ³ /h ¹ / 0.4 cfm	0.95 m ³ /h ¹ / 0.5 cfm	1.6 m ³ /h ¹ / 0.8 cfm	2.0 m ³ /h ¹ / 1.2 cfm
Ultimate vacuum (total pressure) with gas ballast	2.0 x 10 ⁻¹ mbar / 1.5 x 10 ⁻¹ Torr		2.5 x 10 ⁻² mbar / 1.9 x 10 ⁻² Torr	
Inlet connection	DN10 ISO-KF		DN10 ISO-KF	
Outlet connection	Nozzle 11 mm		Nozzle 11 mm	
Max. outlet pressure	0.5 bar / 7 psig gauge		0.5 bar / 7 psig gauge	
Max. inlet pressure for water vapor	15 mbar / 11 Torr		15 mbar / 11 Torr	
Max. water vapor pumping rate	8 gh ⁻¹		16 gh ⁻¹	
Weight (without oil)	10 kg / 22 lb		10 kg / 22 lb	
Motor power	90 W		160 W	
Power connector 1-ph*	IEC EN60320 C13		IEC EN60320 C13	
Maximum oil capacity	0.28 litre		0.28 litre	
Minimum oil capacity	0.2 litre		0.2 litre	
Noise level	43 dB(A) @ 50 Hz		54 dB(A) @ 50 Hz	

* 2m long 1-phase cable to be ordered separately. 3-phase motors not available.

Features & Benefits

- reliable, long term operation
- compact dimensions, free-standing unit
- low energy consumption
- flexible coupling provides drive
- totally enclosed motor
- pressure die cast oil box with integral oil seals
- gas ballast valve for water vapor handling capacity

Applications

- analytical instruments • laboratory bench top vacuum • leak detectors
- research & development • backing turbo pumps



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PHONE: 831-462-8900

FAX: 831-462-3536

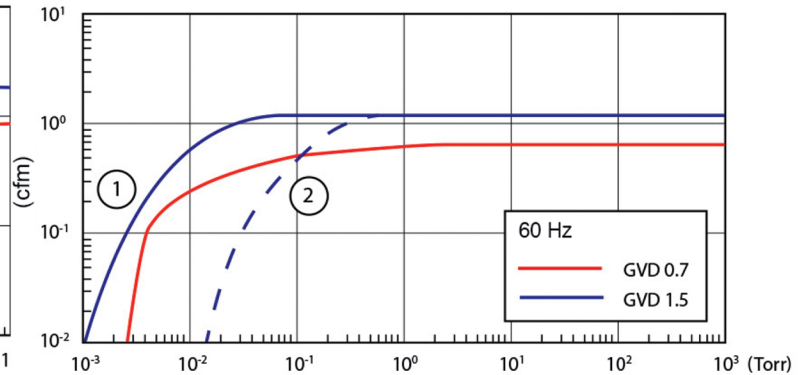
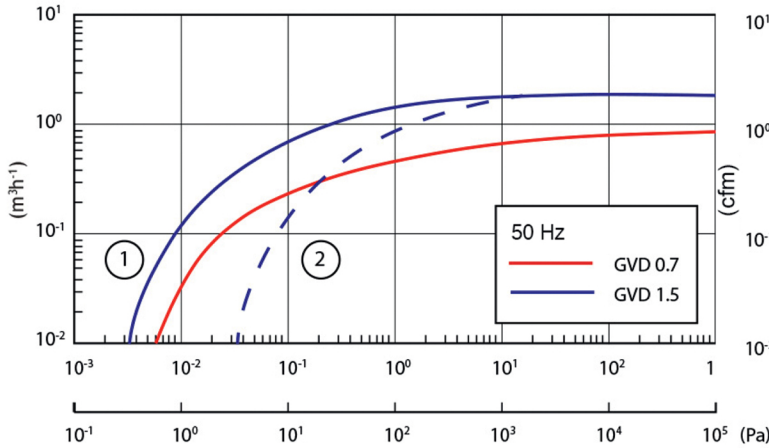
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Atlas Copco GVD 0.7, GVD 1.5 Pumping Curves

50Hz

1: Without gas ballast.
2: With gas ballast open.

60Hz



Dimensions

