



Liquid Ring & Rotary Vane Vacuum Pumps and System

PVL35 - PVL35/B

The pump series:

- PVL35 final vacuum 0.5 Torr (absolute)

-PVL35/B final vacuum 15 Torr (absolute)

have a nominal capacity (60 Hz) of 15 ACFM and 21 ACFM respectively.

They are lubricated, with oil recirculation system, rotary vane vacuum pumps.

They are suitable to evacuate closed systems or to operate at a constant vacuum within the following vacuum range:

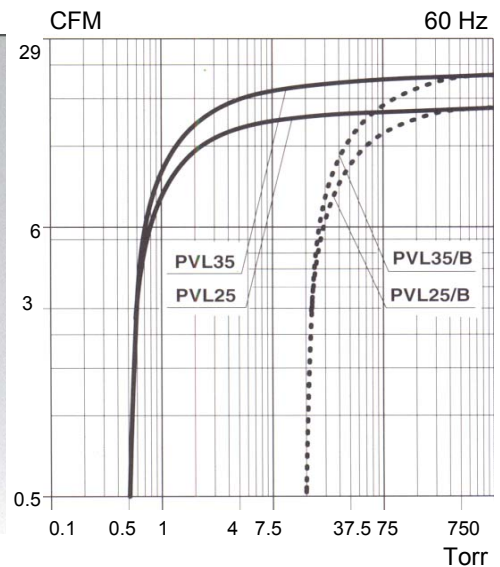
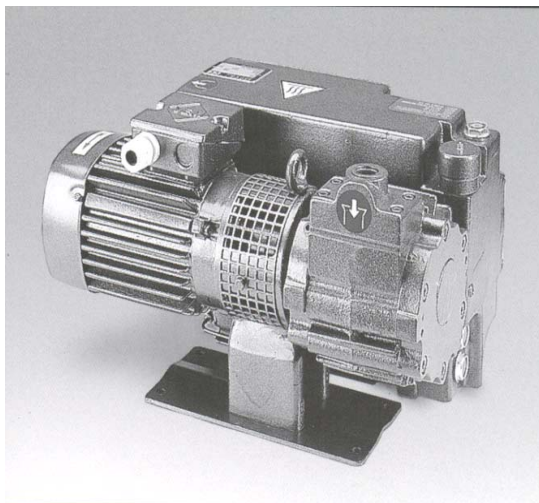
-PVL35 from 0.5 to 300 Torr (absolute)
 -PVL35/B from 15 to 650 torr (absolute)

They are complete with:

- inlet mesh filter
- check valve
- gas-ballast valve

		PVL35		PVL35/B	
Nominal Capacity	ACFM	60 Hz	25		
Ultimate pressure (abs.)	Torr	0.5		15	
RPM	min. ⁻¹	60 Hz	1700		
Motor power	HP	60 Hz	~3	1.5	
			~1	1.5	
Sound pressure level	dB(A)	60 Hz	69		
Water vapor tolerance	Torr	20			
Water vapor capacity	lb/h	1.1			
Total weight/without motor	lbs	60 Hz	~3	88/62	
			~1	94/62	
Oil charge	qt	1.5			

Technical data and curves according to Pneurop standard 6602 with gas-ballast valve in

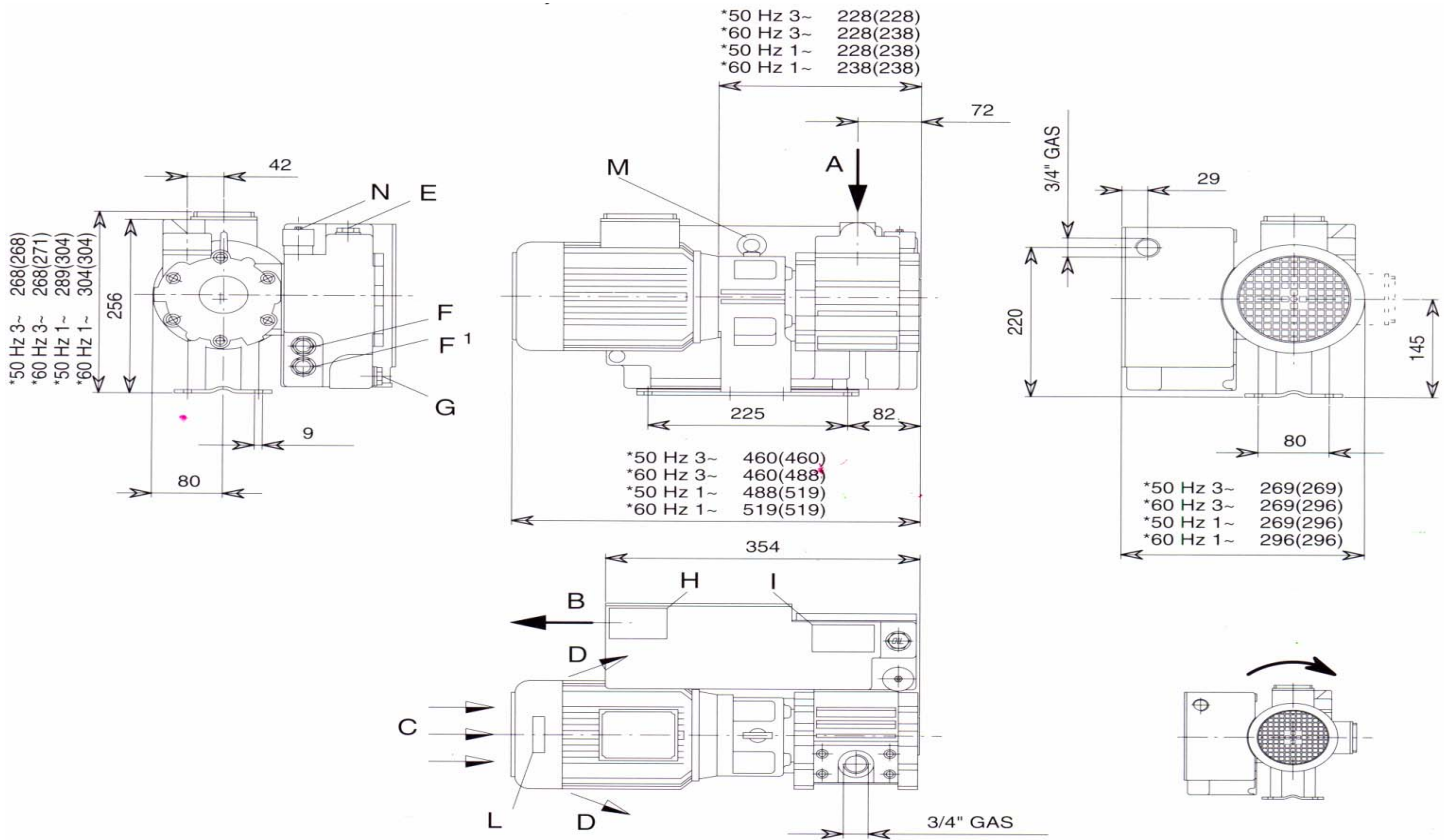


Applications:

Hospital Central Vacuum Systems
 Meat Packing
 Food Packing
 General Packing
 Vacuum Filling
 CNC Routers

Lab Systems
 Vacuum Forming
 Vacuum Holddown
 Printing
 Vacuum Laminations

(PVL35 - PVL35/B)



* Dimensions subject to changes depending on the motor brand

- A Inlet
- B Air outlet
- C Cooling air inlet
- D Cooling air outlet
- E Oil filling plug
- F Maximum oil level sight glass
- F¹ Minimum oil level sight glass
- G Oil discharge plug
- H Pump name plate
- I Oil plate
- L Rotation plate
- M Lifting eyebolt
- N Gas ballast valve

Our Other Products:

- Liquid Ring Vacuum Pumps:
3 CFM to 10,000 CFM
- Liquid Ring Compressors
up to 100 psig
- Heat Transfer Pumps
for hot thermal oils up to 600 deg. F

Systems:

- Package Vacuum Systems
with Partial or Total Recirculation
- Customer Engineered Vacuum Solutions