



Liquid Ring & Rotary Vane Vacuum Pumps and System

PVL10 - PVL10/B PVL15 - PVL15/B

The pump series:

- PVL10 - PVL15 final vacuum 0.5 Torr (absolute)

-PVL10/B - PVL15/B final vacuum 15 Torr (absolute)

have a nominal capacity (60 Hz) of 7 ACFM and 9.5 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:

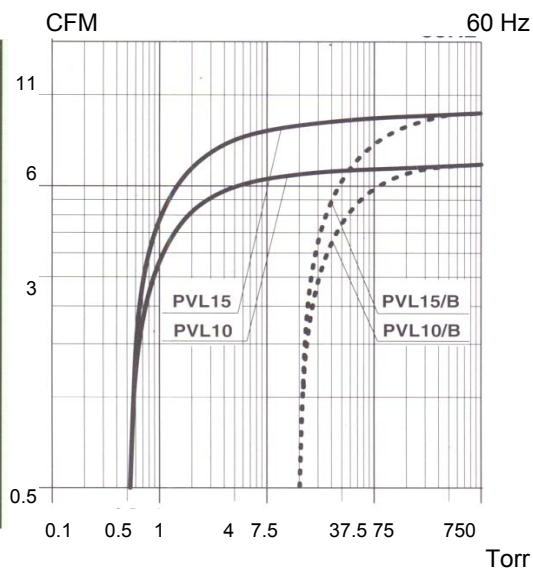
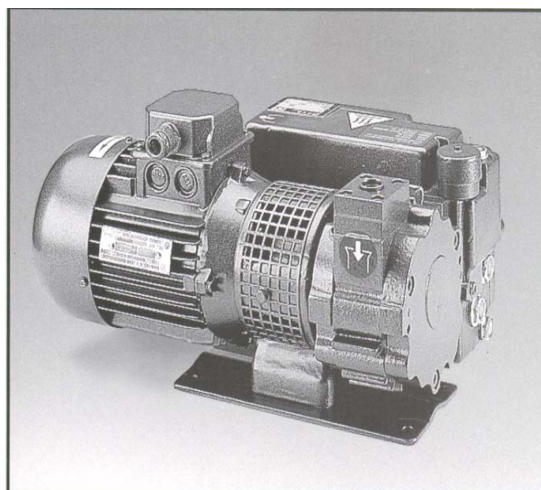
-PVL10 - PVL15 from 0.5 to 300 Torr (absolute)
-PVL10/B - PVL15/B from 15 to 650 torr (absolute)

They are complete with:

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

		PVL10		PVL10/B		PVL15		PVL15/B	
Nominal Capacity	ACFM	60 Hz	8		12				
Ultimate pressure (abs.)	Torr	0.5		15		0.5		15	
RPM	min. ⁻¹	60 Hz	1620						
Motor power	HP	60 Hz	~3	0.75		1			
			~1	0.75		1			
Sound pressure level	dB(A)	60 Hz	66		67				
Water vapor tolerance	Torr	20							
Water vapor capacity	lb/h	0.35				0.5			
Total weight/without motor	lbs	60 Hz	~3	57/35		57/35			
			~1	57/35		57/35			
Oil charge	qt	1							

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

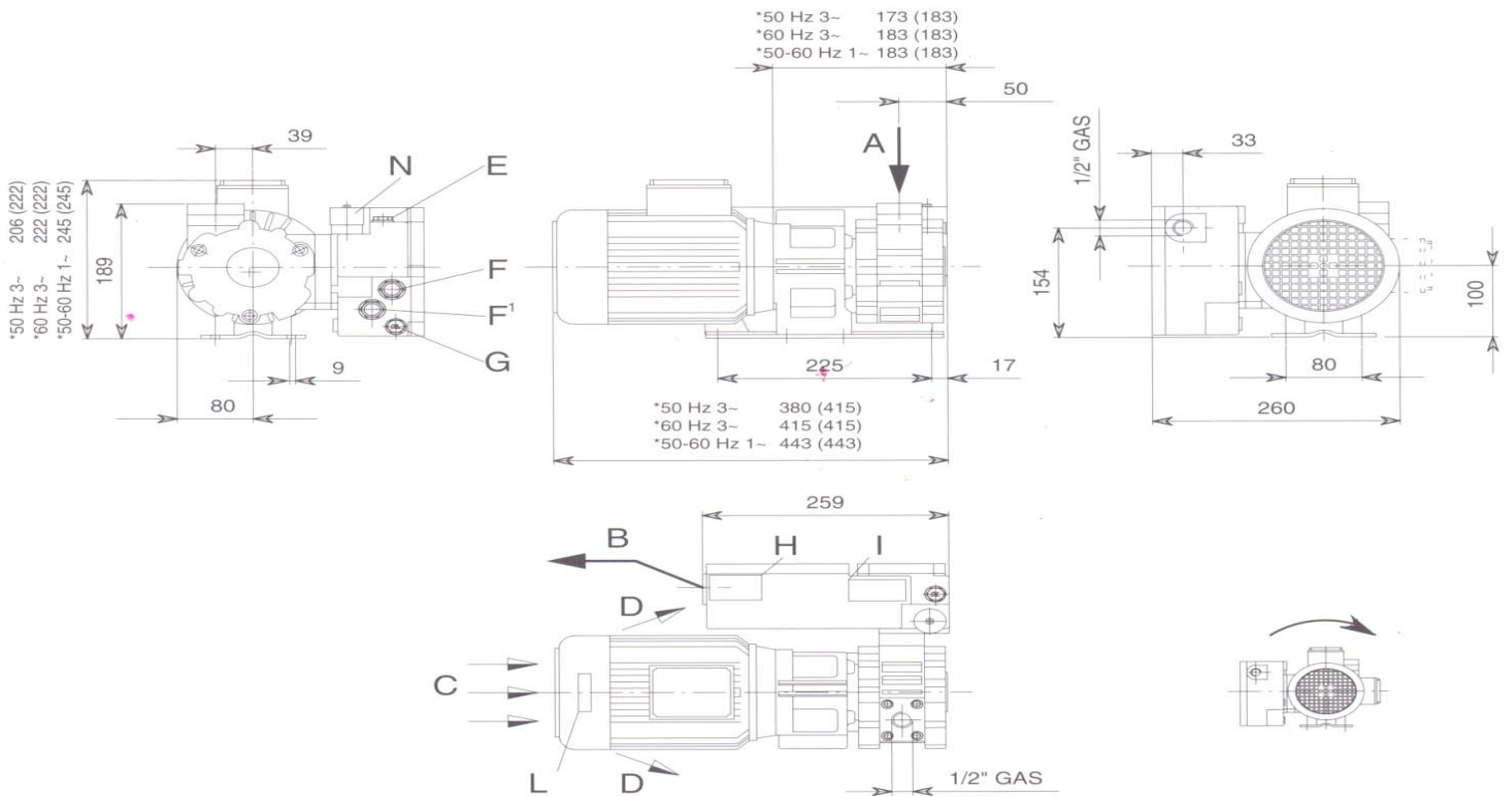


Applications:

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

Lab Systems
Vacuum Forming
Vacuum Holddown
Printing
Vacuum Laminations

PVL10 - PVL10/B (PVL15 - PVL15/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
- 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