

HV320 Single Stage 320 CFM Rotary Piston Vacuum Pump



Why Upgrade Now?

Sealed Bearings – Bearing life is enhanced by isolating them from harmful process grit and solvents. No center wall bearing increases overall pump reliability.

Tough Valve Assemblies – Heavy duty studs, springs and wear plates are mounted to hardened steel seats designed to prevent broken springs from falling into the pumping chamber.

Metal Belt Guards – Steel construction enhances safety and durability.

Large Site Port – Three inch diameter glass site port with stainless steel bezel and o-ring seal makes checking oil level and condition easy.

Oil Flow Indicator – An oil stream splashes onto the site port ensuring easy verification even when oil is opaque.

Filtered Oil Supply – A large area screen filter prevents grit from circulating in the sealing fluid. A bypass valve lets oil flow if the screen clogs.

Redundant Shaft Seals – Redundant Viton shaft seals ride on hardened steel sleeves to guard against leakage.

Caged Hinge Bars – One piece construction enhances wear life.

The Next Generation

Get all the improvements in one durable, reliable, tough pump.

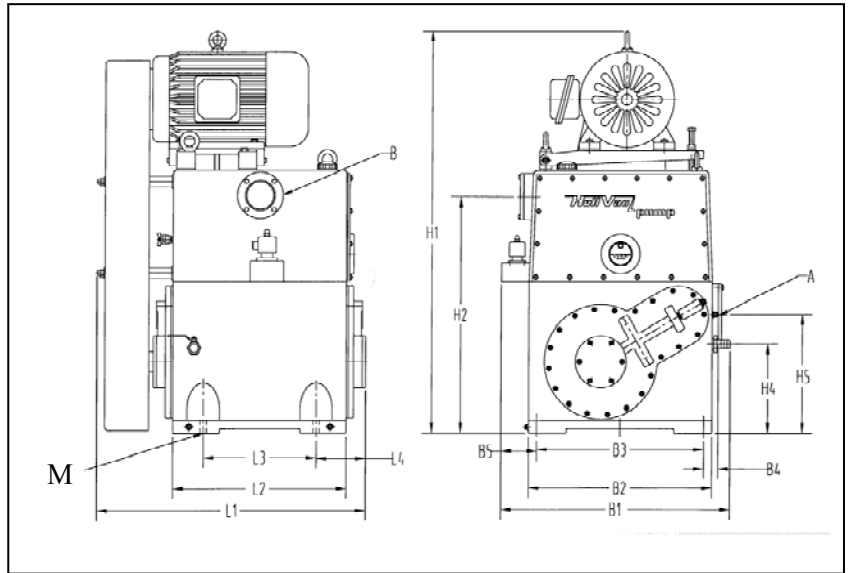
HV320 Specifications

Free Air Displacement	320 CFM	Rotation Speed	575 RPM
Vacuum Stages	1	Oil Capacity	9 Gallons
Ultimate Pressure (Trapped Gauge)	0.005 Torr	Weight	1800 LBS
Ultimate Pressure Gas Ballast	0.050 Torr	Inlet Connection	4" Flange
Motor Power	12 or 15 HP	Outlet Connection	3" Flange/3"NPT
Voltage	208/230/460	Max Cooling Water 65 F	3 Gal/Min

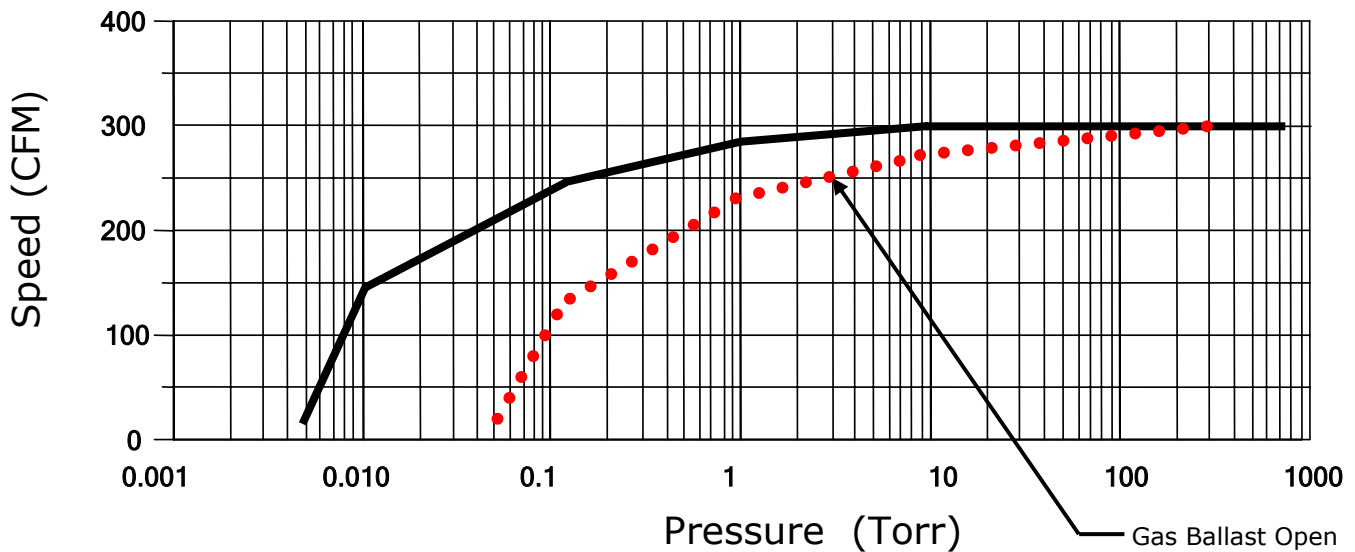
Dimensions

A	4" Flange	H1	50.08"
B	3"Flange/ 3"NPT	H2	29.13"
M	0.88 DIA 4 PLCS	H4	11.13
B1	27.76"	H5	14.96"
B2	22.76"	L1	30.12"
B3	20.79 "	L2	18.81"
B4	1.75	L3	11.81"
B5	4.33"	L4	6.18"

All dimensions in inches.



Performance



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