

HullVac pump corporation

HVC180 Double Stage 180 CFM Rotary Piston Vacuum Pump



The Next Generation

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

Why Upgrade Now?

Double Stage Design – Second stage enhances capacity below 250 microns and allows full gas ballast operation while maintaining micron range blank off.

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

Low Vibration – Three chamber design provides exceptional balance. Pump operates with minimal vibration sitting on any flat surface.

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.

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

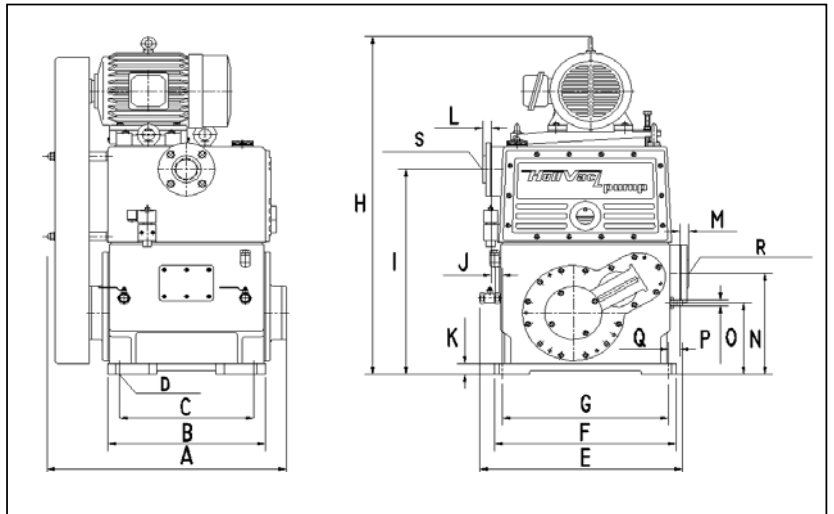
Caged Hinge Bars – One piece construction enhances wear life and reduces operating noise.

HVC180 Specifications

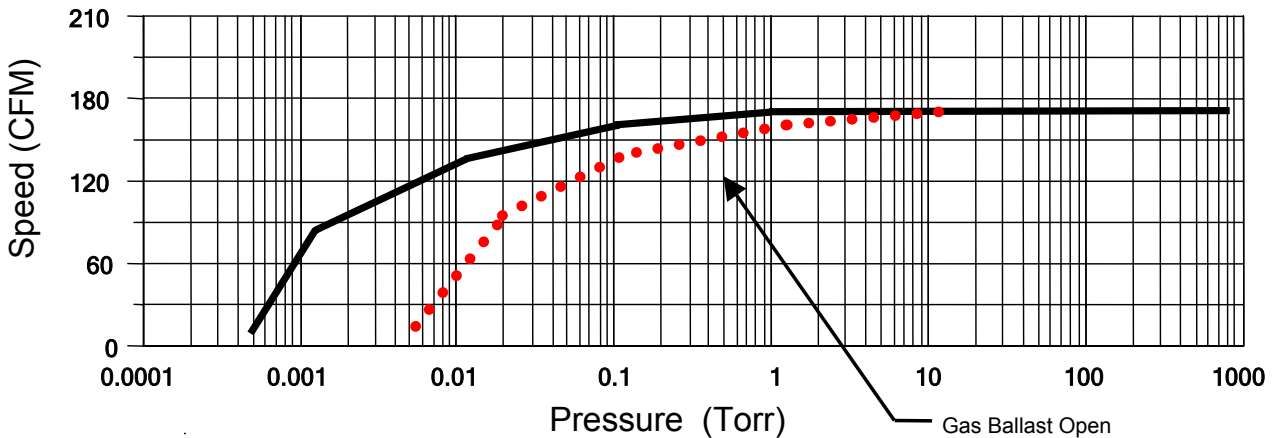
Free Air Displacement	180 CFM	Rotation Speed	570 RPM
Vacuum Stages	2	Oil Capacity	6.5 Gallons
Ultimate Pressure (trapped Gauge)	0.0005 Torr	Weight	1400 LBS
Ultimate Pressure Gas Ballast	0.005 Torr	Inlet Connection	3" ANSI Flange
Motor Power	10 HP	Outlet Connection	2.5" NPT
Voltage	208/230/460	Max Cooling Water 70 F	2 Gal/Min

Dimensions (In Inches)

A	29.45	J	1.38
B	19.37	K	1.42
C	16.54	L,M	1.06
D	(4) 0.78 DIA	N	13.31
E	25.04	O	9.45
F	22.36	P	0.79
G	20.39	Q	1.46
H	44.69	R	3" ANSI
I	27.13	S	2.5" NPT



Performance



73 Steamwhistle Drive
 Ivyland, PA 18974-1451
 215-355-3995 Fax 215-355-3994
www.hullvacpumps.com info@hullvacpumps.com
pump corporation