

Double Stage Oil-Sealed Rotary Piston Vacuum Pump



Rotary piston vacuum pump is a sort of vacuum production equipment suitable for pumping ordinary gases and a little condensable gases (for example, water vapor) with a gas ballast used. It can be used alone or as a front pump of other high vacuum pumps, but it is not suitable for pumping from one container to another as a conveying pump. When removing excessive oxygen, explosive, corrosive to ferrous metals, chemical reaction to vacuum oil, water, dust and other gases, devices should be attached.

Oil sealed rotary piston vacuum pumps have managed to maintain their popularity in many industries, especially those requiring the evacuation of large manually loaded vacuum chambers. Due to their rugged design and large internal clearances, piston pumps have the unique ability to ingest debris and continue to operate. In addition, their simple design makes it possible for on-site maintenance from valve deck changes to full overhaul.

Application: vacuum smelting, vacuum drying, vacuum impregnation and other vacuum operations.

Model	Ultimate Pressure		Pumping Speed (L/s)	Inlet Diam. (mm)	Outlet Diam. (mm)	Motor Power (kW)	Cooling Water Consumption (kg/h)	Weight (kg)
	Pa	Torr						
2H-30A	6×10^{-2}	4.5×10^{-4}	30	63	50	4	135	304
2H-70A	6×10^{-2}	4.5×10^{-4}	70	80	63	7.5	400	650
2H-120A	6×10^{-2}	4.5×10^{-4}	120	100	80	11	600	850
2H-150A	6×10^{-2}	4.5×10^{-4}	150	125	100	15	600	950
2H-160A	6×10^{-2}	4.5×10^{-4}	160	100	80	15	800	950

Oil: 100# mechanical vacuum pump oil (choose 68# or 80# if environment temperature $< 10^{\circ}\text{C}$, choose 150# if environment temperature $> 35^{\circ}\text{C}$)

Single Stage Oil-Sealed Rotary Piston Vacuum Pump



Model	Ultimate Pressure(Pa)	Pumping Speed (L/s)	Inlet Diam. (mm)	Outlet Diam. (mm)	Motor Power (kW)	Cooling Water Consumption (L/h)	Pump rotary speed (RPM)
	partial pressure						
H-150	1	150	100	80	15	700	450
H-300	1	300	200	100	30	1320	450
HG80F	1	80	80	80	5.5	600	450
HG160F	1	160	160	90	11	700	450
HG190F	1	190	150	90	15	700	450

G-improved model,F-extra oil tank

Oil:100# mechanical vacuum pump oil(choose 68# or 80# if environment temperature $<10^{\circ}\text{C}$,choose 150# if environment temperature $>35^{\circ}\text{C}$)