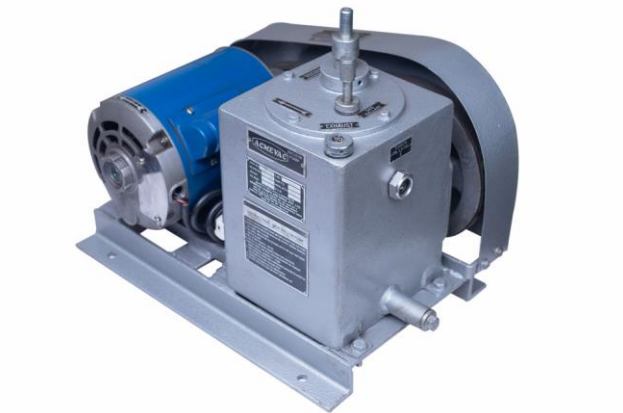


BELT DRIVE ROTARY HIGH VACUUM PUMPS

Overview

This series of vacuum pumps are rotary sliding vane, oil immersed type. The rotor, stator and end covers are made up of high nickel content cast iron and are machined to very fine tolerance. These pumps are ideal for handling dry and clean air. Gas ballast and belt guard are provided as standard equipment.



Features

- Exhaust valve is designed to eliminate "rapping" noise.
- Unique construction of the pump totally eliminates the sucking of air through the shaft seal.
- Pumps can also be operated with SAE-30 motor oil instead of vacuum oil.
- Water Cooling Arrangement can be provided if required at extra cost



Stage - Ultimate Vacuum (on Mcleod Gauge) 0.05 mm Hg. A

Model	Free Air Displacement(ltrs/min)	Motor (hp)	Oil Charge (ltrs.)
1SHVP-500	500	1.5	10
1SHVP-750	750	1.5	20
1SHVP-1000	1000	2	20
1SHVP-1500	1500	3	35
1SHVP-2000	2000	3	55
1SHVP-3000	3000	5	55
1SHVP-5000	5000	7.5	60
1SHVP-7000	7000	10	60

Double Stage - Ultimate Vacuum (on Mcleod Gauge) 0.005 mm Hg. A

Model	Free Air Displacement(ltrs/min)	Motor (hp)	Oil Charge (ltrs.)
2SHVP-500	500	2	14.5
2SHVP-750	750	2	24
2SHVP-1000	1000	3	24
2SHVP-1500	1500	5	35
2SHVP-2000	2000	5	60
2SHVP-3000	3000	7.5	68
2SHVP-5000	5000	10	75

- All flow and vacuum measurements are taken at the suction port of the pump
- +/- 10% tolerance on all readings unless specifically agreed in writing
- Motor above 1 HP are three phase
- Higher models of 5000 liters/min and above are available as "energy efficient" High Vacuum Pumping units

Note : Since improvements are implemented for better performance, designs and specifications are subject to change without prior notice