

# SV rotary vacuum pump

SV series single stage rotary vane vacuum pump is a kind of reliable, durable, economic and applicable range of vacuum equipment.

In the circular pump body, it has an air suction valve and exhaust valve (stator). Three vanes are equipped with an eccentric rotor slot in the rotor, the vane blades divided the pump chamber into three parts. The volume of the pump chamber keep changing periodically as the rotation of the rotor to finish the process of gas suction, compression and elimination, so that the suction the gas/air from the inlet hole.

Model	Pump speed (m3/h)		Ultimate vacuum (Pa)	Motor Power (KW)	Inlet Diam (inch)	Rotary speed (rpm)	Oil Capacity (L)	G.W (kg)	Noise dB (A)	Dimensions (mm)
	50HZ	60HZ								
SV-010	10	12	150	0.55	G1/2	1400	0.5	20	64	405*253*210
SV-020	20	24	150	0.75	G1/2	2800	0.5	20	64	405*253*210
SV-025	25	30	150	0.9	G1/2	2800	0.5	20	64	405*253*210
SV-040	40	48	50	1.5	G1 1/4	1400	1.0	48	67	660*300*270
SV-063	63	75	50	2.2	G1 1/4	1400	2.0	81	68	695*420*295
SV-100	100	120	50	3.0	G1 1/4	1400	2.0	85	72	735*420*295
SV-160	160	192	50	4.0	G2	1400	4.5	152	74	805*520*410
SV-200	200	240	50	5.5	G2	1400	4.5	159	76	825*520*410
SV-250	250	300	50	5.5	G2	1400	7.0	230	76	1000*550*410
SV-300	300	360	50	7.5	G2"	1400	7.0	236	76	1200*550*410
SV-630	630	750	10	15	DN100	960	35	620	75	1630*1300*980
SV-750	750	900	10	18.5	DN100	1150	35	640	76	1630*1300*980

## Application :

Food Industry, Vacuum Packaging, Material drying, Car industry, Furnances and plants, Chemical, Laser technology, Medical technology, Metallurgy, Power engineering, Space simulation, Vacuum coating, vacuum loading, Electronics, Semiconductor, Scientific research

## Advantage :

- High ultimate vacuum degree, less than 0.5 mbar
- High pumping speed
- Low operating noise, less than 66 dB(A)
- Good capability of pumping or eliminating water vapor
- When the inlet pressure  $1.33 \times 10^3$  Pa, it still can work continuously
- Environmental-friendly; Equipped with oil mist eliminator can remove 99.99% of the exhaust gas oil.
- Compact structure; scientific and reasonable design; convenient Installation

