

New SVP Series Single Stage Vacuum pumps

SVP10

SVP16

SVP30

SVP65

SVP100

SVP120

SVP200

SVP300



**NEW GENERATION
SINGLE STAGE OIL SEALED,
ROTARY VANE VACUUM
PUMPS TO GLOBAL
STANDARDS**



SVP Series vacuum pump is single stage, direct driven, oil-sealed and air cooled. A rotor with three vanes is positioned inside the pump cylinder and it is supported by means of two bearings. SVP series vacuum pump has an inbuilt gas ballast valve with easy accessibility; by this feature the condensable gases or vapours can be removed depending on different applications. SVP Series has one of the simplest and most reliable oil recirculating systems; the oil circulation in pump chamber for sealing, lubrication and cooling of the pump is recycled from the pump's oil reservoir.

FEATURES

- ❖ Robust and compact
- ❖ High pumping speed also at low pressures
- ❖ Gas Ballast valve fitted as standard with easy access
- ❖ Exhaust mist filter with inbuilt bypass valve
- ❖ Quiet operation
- ❖ Minimal vibration
- ❖ Integral anti-suck back valve
- ❖ Lower oil consumption
- ❖ Low space requirement, easy to install
- ❖ Air-cooled (no water cooling required)
- ❖ Exhaust mist filter for economical operation and protection
- ❖ Easy serviceability
- ❖ Built-in oil filtration with automotive type spin-on filter

INDUSTRY AND MARKET

- ❖ Automotive
- ❖ Laminator
- ❖ Leather
- ❖ Logistics
- ❖ Packaging
- ❖ Pharmaceutical
- ❖ Power
- ❖ Solar

TYPICAL APPLICATIONS

- ❖ Pick & Place
- ❖ Vacuum Filling
- ❖ Thermoforming
- ❖ Leather Drying
- ❖ Job Holding in CNC Machines
- ❖ Transformer/Capacitor vapour phase drying
- ❖ Resin Infusion & Impregnation
- ❖ Distillation, Drying & Filtration



TECHNICAL SPECIFICATION

Description	Unit	SVP10	SVP16	SVP30	SVP40	SVP60	SVP100	SVP200	SVP300
Nominal Speed	Cu.m/hr	10	17	30	40	65	100	200	300
Liter / Minute	LPM	166	280	500	660	1083	1700	3200	5001
Ultimate Total pressure (Gas ballast closed position)	mbar	$\leq 5.0 \times 10^{-1}$ (0.5)							
Ultimate Total pressure Gas ballast Open position	mbar	$\leq 1 \times 10^{-0}$ (1)					$\leq 2 \times 10^{-0}$ (2)	$\leq 2 \times 10^{-0}$ (2)	$\leq 2 \times 10^{-0}$ (2)
Pump Rotational speed at No load condition	RPM	1440	1440	1440	1440	1440	1440	1440	1440
Motor rating	KW / HP	0.55/0.75	0.75/1.0	1.5/2.0	1.5/2.0	2.2/3.0	2.2/3.0	5.5/7.5	7.5/10.0
Weight with motor	KGS	20	29	34	54	64	90	185	174
Inlet – Outlet connection	INCH	½" - ½"	1" x 1"	1 ¼" - 1 ¼"	1 ¼" - 1 ¼"	1 ¼" - 1 ¼"	1 ¼" - 1 ¼"	2" - 2"	2" - 2"
Oil level Max.	Liter	0.5	0.8	1	1	2.0	2	7	7
Recommended Oil	Precise Make	PVO100 - Double Distilled Vacuum Pump Oil.							
Motor Power		3Ph. 415V, 50Hz.							
Dimensions	LXWXH	410x231x161	440x265x240	620x197x214	549x353x282	667x420x298	672x420x305	916x570x429	916x570x429





If you have any enquiry please call us or email on below address:
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