



Oil Lubricated Single Stage Vacuum Pump



Product Description

The SVP300 Oil Lubricated Single Stage Vacuum Pump is designed for reliable and efficient vacuum generation in laboratories and industrial applications. Its robust construction, low noise operation, and stable vacuum performance ensure long service life and dependable operation.

Features

- High vacuum performance with single-stage oil-lubricated design
- Robust industrial construction for continuous operation
- High pumping speed with excellent efficiency
- Low ultimate pressure for demanding applications
- Low noise and vibration operation
- Efficient air-cooled motor design
- IP55 protected motor for enhanced durability
- Reliable oil circulation and lubrication system
- Compact and space-saving design
- Suitable for laboratory and industrial applications
- Long service life with minimal maintenance

Application and Uses

- Vacuum drying processes
- Vacuum packaging systems
- Freeze drying (lyophilization) systems
- Vacuum furnaces and heat treatment
- Laboratory vacuum systems
- Research & development laboratories
- Chemical processing plants
- Pharmaceutical manufacturing
- Food processing industry
- Vacuum distillation processes
- Vacuum impregnation applications
- Vacuum coating systems



Technical Specifications

Parameter	Unit	SVP300
Nominal Speed	m ³ /hr	300
Ultimate Total Pressure (Gas Ballast Closed position)	mbar	8*10 ⁻²
Ultimate Total Pressure (Gas Ballast Open position)	mbar	0.7
Water Vapor Tolerance	mbar	6
Pump Rotational Speed at No Load condition	RPM	1440
Noise Level	d(BA)	70
Protection Class	—	IP-55F
Leak Rate	mbar.l/s	≤1.1*10 ⁻³
Motor Rating	kW	5.5
Weight with Motor (without oil filling)	KGS	174
Inlet – Outlet Connection	Inch	2”–2”
Oil level Max.	Liter	8.5 /11
Recommended Oil	Precise	PVO100 – Double Distilled vacuum Pump Oil
Motor Power	—	3Ph, 415V, 50Hz
Ambient Temperature	Deg C	12–40
Dimensions	L×W×H	916×570×429