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SINGLE STAGE ROTARY VANE VACUUM PUMP

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Product Overview

SV series is a type of typical oil-sealed rotary vane vacuum pump. The working principle is to utilize the oil sealing gap and lubricate the rotating blades to dissipate the heat generated during compression. The oil and the exhaled gas are separated by the exhaust filter. After pumping gases and vapors, it can evacuate the container or the vacuum system to a medium vacuum. SV series single-stage rotary vane pump, with its high pumping speed, stable vacuum degree, low noise and high durability, has become the ideal choice for medium and low vacuum applications. It is widely used for extracting air and other dry, non-toxic, non-corrosive and non-explosive gases.

Product Features

1. Fluorine rubber seals, Improved the anti-corrosion performance and prevent oil leakage problems.
2. Unique filter element design, reduces the emission of oil mist and extends the service life of the filter.
3. Integrated pump and motor design, with simple and compact structure.
4. High-precision machining center, ensuring reliability and high precision.
5. Innovative design with a small size and easy to carry
6. Built-in anti-oil return device, no oil return when stopping the machine.

Application

Food package, processing, canning, preservation	
Vacuum transportation and handling	Vacuum degassing and filling
Molding of composite material	Molding of rubber forming
Bacterial Filtration at the negative pressure station of the hospital	

Optional Accessories



Technical Specifications

Model		DS-040
Pumping Speed(m³/h)	50hz	40
Ultimate total Pressure (m bar)		0.1~0.5
Power supply (kw)		1.5
Rotary speed(rpm)		1400
Inlet plate (inch)		G1/4
Vapour allowed pressure (m bar)		40
Vapour pumping ability (kg/h)		0.6
Working temperature(°C)		80
Oil Capacity (L)		1
G.W(kg)		45
Noise (dBA)		≤65
Dimensions		650*280*265