

ZEROVAC ASV-100

Single-Stage Oil-Sealed Rotary Vane Vacuum Pump



ASV-100 • 100 m³/h • 2.2 kW • 0.5 mbar

■ SINGLE-STAGE DESIGN

- Oil-sealed rotary vane operating principle
- 100 / 120 m³/h nominal pumping speed (50 / 60 Hz)
- 2.5 L oil capacity

■ STABLE VACUUM PERFORMANCE

- Ultimate pressure: 0.5 mbar
- 2.2 kW motor power
- 10-40 °C ambient temperature

■ COMPACT FOOTPRINT

- 703×406×286 mm compact overall dimensions
- 70 kg total weight
- 1¼" inlet / exhaust connection

Applications

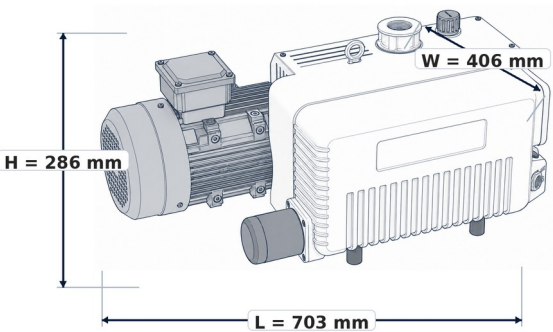
- Vacuum packaging machines
- Vacuum conveying and handling
- General industrial vacuum processes
- Small and medium-sized vacuum chambers
- Degassing processes
- Moulding and forming
- Laboratory vacuum systems
- Refrigeration and air-conditioning service applications
- Service and test systems

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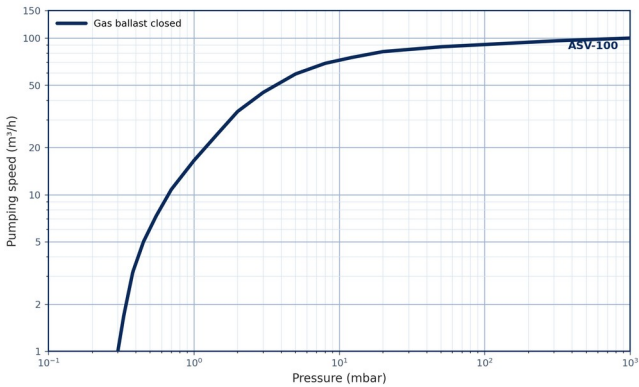
General Dimensions



Schematic illustration • All dimensions in mm

The dimensional illustration is schematic. The performance curve shows typical behavior under reference operating conditions; actual values may vary with process and ambient conditions.

Performance Curve



Technical Data

50 / 60 Hz

Specification	ZEROVAC ASV-100
Pump Type	Single-stage oil-sealed rotary vane
Nominal Pumping Speed - 50 Hz	100 m³/h
Nominal Pumping Speed - 60 Hz	120 m³/h
Ultimate Pressure	0.5 mbar
Motor Power	2.2 kW
Inlet / Exhaust Connection	1¼"
Oil Capacity	2.5 L
Motor Speed - 50 / 60 Hz	1440 / 1720 rpm
Ambient Temperature	10-40 °C
Noise Level	<62 dB
Dimensions (L×W×H)	703×406×286 mm
Weight	70 kg

Note: Pumping speed and motor speed values are specified for the indicated mains frequency.

FOR MORE INFORMATION

Contact our sales team for technical support, product selection, or a tailored quotation.

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