

POV275 Two-Stage Rotary Vane Vacuum Pump

Two-Stage Rotary Vane Vacuum Pumps

Laboratory, coating, semiconductor, vacuum drying and high-vacuum support.



275 m³/h
(50Hz)

Pumping speed

0.005 mbar

Ultimate pressure

7.5 kW

Motor power

Technical specifications

Specification	Value
Pumping speed 50Hz	275 m ³ /h
Pumping speed 60Hz	306 m ³ /h
Motor power	7.5 kW, 3-phase, 4-pole
Weight	255 kg, including motor
Motor speed 50Hz	1440 r/min
Motor speed 60Hz	1720 r/min
Ultimate pressure, gas ballast closed	5 × 10 ⁻¹ Pa (0.005 mbar)
Ultimate pressure, gas ballast open	1.0 Pa (0.01 mbar)
Maximum outlet pressure	0.05 MPa gauge
Maximum water vapor inlet pressure	1.2 × 10 ³ Pa (12 mbar)
Water vapor capacity	2.5 kg/h
Inlet size	VG80
Outlet size	VG60
Oil capacity upper limit	28 L
Oil capacity lower limit	23 L
Cooling water requirement	2 L/min at 20°C water

Typical applications

High-capacity two-stage rotary vane vacuum pump for industrial high-vacuum support.

Quotation checklist

Please confirm quantity, destination country, voltage/frequency, packaging requirement and working condition before quotation.

Specifications are for model selection reference. Final configuration should be confirmed before order.

WhatsApp

+86 153 0277 8685

Sales

sales@pinyavacuum.com

Email

info@pinyavacuum.com

Website

pinyavacuum.com