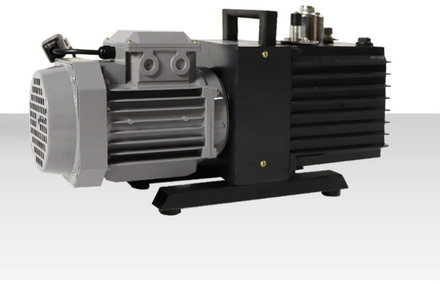
Rotary Vane Vacuum Pump

Better sealing property
Higher resistance to vapor
Stronger resistance to chemical attack
Lower noise, smaller volume



Dust and water sealing strong

Better resistant to steam

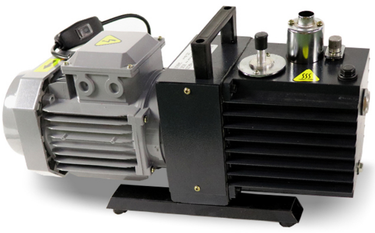
Built-in pressure Circulating system oil

Reduce vibration Low noise

Characteristics of Structure

We are not only professional manufacturer, but also the best solution provider!

1. Can observe oil window, prevent oil shortage
2. Integral cylinder type structure, high precision, high ultimate vacuum degree
3. Forced lubricating oil pump to ensure reliability



Product Introduction

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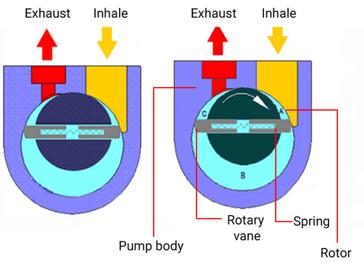
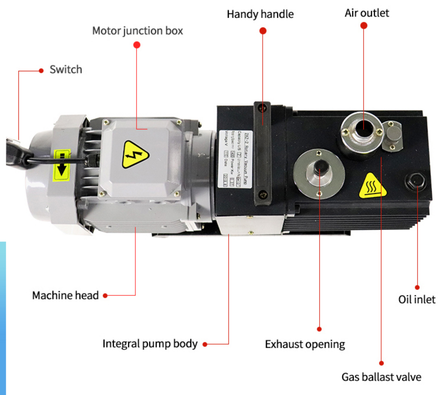
Schematic Diagram



Rotary vane pump is mainly composed of pump body, rotor, rotary vane, end cover, spring, etc. Installing a rotor in rotary vane pump cavity, the outer circumference of the rotor is tangent to the inner surface of the pump chamber and the rotor slot inner is fitted with two rotary vane with springs. When it is rotating, centrifugal force and the spring tension make the top of rotary vane keep contact with pump chamber wall, and the rotating rotor drives the rotary vane to slide along the inner wall of the pump cavity.



MODEL		2XZ-0.5	2XZ-1	2XZ-2	2XZ-4	2XZ-8	2XZ-15
Exhausting Speed (L/S)		0.5	1	2	4	8	15
Ult. Vacuum (Pa)	Without Gas Ballast	≤6×10⁻²					
	With Gas Ballast	≤6.5	≤1.33				
Rotary Speed (r/min)		1400				1410	
Working Voltage (V)		220	220/380				
Motor Power (kW)		0.18	0.25	0.37	0.55	1.1	1.5
Inlet Diameter (mm)		Φ16		Φ25		Φ40	
Temp. Rise of Pump Oil (℃)		≤40		≤45		≤65	≤70
Oil Capacity(L)		0.5	0.55	0.8	0.1	2.5	4
Noise (db)		≤60					
Vibration Reference Number (U)		≤80					

Product Display

High quality, high efficiency, low noise

Intelligent cooling fan

- Continuous cooling
- No fear of long-term heat dissipation

Visual oil Watch observation room

- Convenient observation
- Prevents oil shortage

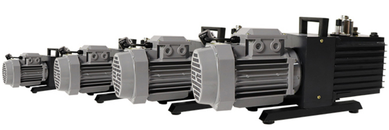
Personalized design

- Special air valve
- Prevent mixing
- Extension of time

Maintenance

1. Keep the pump clean to prevent debris from entering the pump
2. Maintain oil level
3. Improper storage, moisture or other functional substances into the pump to affect the ultimate vacuum, can be opened by the gas valve, observe the ultimate vacuum recovery, invalid for several hours, should replace the pump oil.
Oil change method: first open the pump for about 10 minutes to make the oil thinner, pump stop, drain the oil hole, and then open the air inlet for 1-2 minutes. During this time, a small amount of clean pump oil can be slowly added from the suction port. To replace the pump chamber memory oil.
4. Do not mix diesel, gasoline and other oils with large saturated vapor pressure to avoid lowering the ultimate vacuum. When removing the parts inside the pump, generally gauze can be wiped. When metal debris, sand or other harmful substances must be cleaned, they can be scrubbed with gasoline or the like and dried before being assembled.
5. If the pump needs to be disassembled for cleaning or overhaul, the disassembly and assembly steps must be taken to avoid damage to the machine.

Multiple Specifications



2XZ-1 | 2XZ-2 | 2XZ-4 | 2XZ-15