

2XZ Series Two- Stage Direct-Drive Rotary Vane Vacuum Pump

2XZ双级直联旋片式真空泵



2XZ-0.25



2XZ-0.5/2XZ-1



2XZ-4



2XZ-2



2XZ-6



2XZ-8



2XZ-15

01 PRESENTATION

2XZ series is the oil rotary vane vacuum pump.it is used for pumping the gas from a certain container,it can be used alone, or as the backing pump of the other kinds of pumps, such as booster pump, diffusion pump, molecular pump etc.

该系列真空泵是用来对密封容器抽除气体的基本设备。它可单独使用，也可以用于增压泵、扩散泵分子泵的前级泵、维持泵、钛泵的预抽泵用。

02 FEATURE

- Light weight and low noise with small size
体积小、重量轻、噪音低
- Equipped with gas ballast valve, can extract a small amount of water vapor
设有气镇阀，可抽除少量水蒸气
- High ultimate vacuum degree
极限真空度高
- Built-in forced oil pump, adequate lubrication, reliable performance
内装强制油泵、润滑充分、性能可靠
- Equipped with an automatic anti-oil-return double safety device
设有自动防返油双重保险装置
- Continuous operation at an inlet pressure of 1.33×10^3 Pa
保持进气压强 1.33×10^3 Pa，仍可连续运转
- Available with small diameter adapter, KF connection
可配小口径转换接头，KF接口

03 APPLICATION

- Vacuum metallurgy 真空冶金
- Vacuum Coating 真空镀膜
- Distillation 蒸馏
- Solar-grade polysilicon and monocrystalline silicon 太阳能多晶硅、单晶硅
- Food Packaging 食品包装
- Aeronautical technology 航空科技领域
- Semiconductor 半导体
- Electronic 电子
- Refrigeration 制冷
- Chemical Engineering 化工
- Medical treatment 医疗

04 OPTIONAL ACCESSORIES

Additional charges apply



Inlet Filter(KF40)
进气口收集器(KF40)



Inlet Filter(KF25)
进气口收集器(KF25)



Oil Mist Filter(KF25)
油雾过滤器(KF25)



Oil Mist Filter(KF40)
油雾过滤器(KF40)



Anti-reflux oil device (KF25)
防返油装置 (KF25)

05 TECHNICAL SPECIFICATION

Model 型号	2XZ-0.25	2XZ-0.5	2XZ-1	2XZ-2	2XZ-4	2XZ-6C	2XZ-8C	2XZ-15C
Pumping speed (L/s) 抽速	0.25	0.5	1	2	4	6	8	15
Ultimate pressure 极限压力(Pa)	≤ 6×10^{-1}	≤ 6×10^{-2}	≤ 6×10^{-2}	≤ 6×10^{-2}	≤ 6×10^{-2}	≤ 6×10^{-2}	≤ 6×10^{-2}	≤ 6×10^{-2}
Partial Pressure 分压强 Total Pressure 全压强	≤6.5	≤1.33	≤1.33	≤1.33	≤1.33	≤1.33	≤1.33	≤1.33
Rotary speed(rpm) 转速	1400	1400	1400	1400	1400	1400	1400	1400
Power supply (kw) 电机功率	0.12	0.18	0.25	0.37	0.55	1.1	1.1	1.5
Voltage(V) 电压	220	220/380	220/380	220/380	220/380	220/380	380	380
Inlet diameter (mm) 进气口直径	φ15	φ20(KF16)	φ20(KF16)	φ30(KF25)	φ30(KF25)	KF25	KF40	KF40
Noise (dBA) 噪音	63	65	65	65	66	68	70	70
Oil capacity (L) 油箱容量	0.5	0.6	0.7	1	1.2	2	3	4
Dimensions (mm) 尺寸	403*130*240	447*168*260	469*168*260	514*168*282	565*168*282	565*200*342	650*240*430	700*240*430
G.W/N.W (kg) 毛重/净重	16/15	17/16	18/17	22/20	24/22	55/48	72/60	86/75

NOTE : 2XZ-2/2XZ-4 Without gas ballast

Noise value test standard: Refer to GB/T21271-2026