

2XZF Series Two-Stage explosion-Proof Direct-Drive Rotary Vane Vacuum Pump

2XZF系列双级防爆直联旋片式真空泵



2XZF-1/2XZF-2



2XZF-4



2XZF-6



2XZF-8



2XZF-15

01 PRESENTATION

2XZF series is the ANTI-EXPLOSIVE vacuum pump, which is designed based on 2XZ series. Grade IIB, temperature class: T1-T4.

2XZF型系列防爆直联旋片式真空泵是原2XZ型基础上改制而成，防爆等级为IIB、温度组别为T1-T4组的易燃易爆气体场所所抽除气体的设备。

02 FEATURE

- Sign of anti-explosion is ExdIBT4
防爆标志: ExdIBT4
- Small volume, low weight and low noise
体积小、重量轻、噪音低
- Equipped with oil anti-suckback device
设有自动防返油双重保险装置
- Equipped with gas ballast valve to pump a little water vapor
设有气镇阀，可抽除少量水蒸气
- Dedicated for the anti-explosive, and homothermal drying oven (2XZF-2, 2XZF-4)
专配防爆恒温干燥箱 (2XZF-2, 2XZF-4)
- Adopt the isolation technology, very safe
本机采用隔爆、烧封、除静电、本安复合防爆技术处理，安全可靠

03 APPLICATION

- Petroleum 石油
- Chemical 化工
- Mine 矿井
- Medical 医药
- Gas station 加油站
- Liquefied petroleum gas station 液化气站
- Gas pipeline station 煤气管道站
- Aeronautics and astronautics 航空航天
- The military 军事部门

04 TECHNICAL SPECIFICATION

Model 型号	2XZF-0.5	2XZF-1	2XZF-2	2XZF-4	2XZF-6C	2XZF-8C	2XZF-15C
Pumping speed (L/s) 抽速	0.5	1	2	4	6	8	15
Ultimate pressure 极限压力 (Pa)	Partial Pressure 分压强		Total Pressure 全压强				
	$\leq 6 \times 10^{-2}$		$\leq 6 \times 10^{-2}$		$\leq 6 \times 10^{-2}$		$\leq 6 \times 10^{-2}$
	≤ 1.33		≤ 1.33		≤ 1.33		≤ 1.33
Rotary speed (rpm) 转速	1400	1400	1400	1400	1400	1400	1400
Power supply (kw) 电机功率	0.18	0.25	0.37	0.55	1.1	1.1	1.5
Voltage (V) 电压	380	380	380	380	380	380	380
Inlet diameter (mm) 进气口直径	φ20 (KF16)	φ20 (KF16)	φ30 (KF25)	φ30 (KF25)	KF25	KF40	KF40
Noise (dBA) 噪音	65	65	68	68	70	72	74
Oil capacity (L) 油箱容量	0.5	0.7	1	1.2	2	3	4
Dimensions (mm) 尺寸	447*168*260	469*168*260	514*168*282	610*260*340	580*260*430	660*260*430	740*260*430
G.W./N.W (kg) 毛重/净重	17/16	19/18	23/21	55/48	60/53	85/73	90/79

NOTE : 2XZ-2/2XZ-4 Without gas ballast
Noise value test standard: Refer to GB/T21271-2026