2XZ-C Series Direct Drive Rotary Vane Vacuum Pump

Introduction:

This series of pumps are improved in the type of 2XZ. We adopt foreign advanced technology and experiences. It is used for pumping the water vapor in sealed vessels to make the vessels in a vacuum. It can also be as fore pump of high vacuum or super high vacuum system.

Advantages:

1. Equipped with gas ballast valve to pump a little water vapor.
2. Mounted with mandatory oil inlet pump, very lubricant, stable function.
3. Equipped with oil anti-suck back device.
4. Small volume, low weight and low noise.
5. High ultimate vacuum
6. While keeping the inlet pressure at $1.33X10^{3}$Pa,still can run continuously.
7. No oil leak, no spray, no pollution. The exhaust of 2XZ-6C,2XZ-8C,2XZ-15C and 2XZ-25C is assembled with oil mist collector.

Application:

It is widely used in refrigeration equipment, medical treatment, chemicals and laboratory or laboratory of universities and colleagues, vacuum smelting, vacuum coating, monocrystal silicon, polysilicon, distilling industry, food packaging, aerospace technology, semiconductor, electronics, etc..

Technical Specification:

Models		2XZ-2C	2XZ-4C	2XZ-6C	2XZ-8C	2XZ-15C	2XZ-25C
Pump speed (L/s) / (CFM)	50HZ	2 / 4	4 / 8	6 / 13	8 / 17	15 / 32	25 / 53
	60HZ	2.4 / 5	4.8 / 10	7.2 / 15	9.6 / 20	18 / 38	30 / 64
Ultimate pressure (Pa)	Partial pressure	6×10^{-2}	6×10^{-2}	6×10^{-2}	6×10^{-2}	6×10^{-2}	6×10^{-2}
	Total pressure	1	1	1	1	1	1
Rotary speed(r/min)	50HZ	1400	1400	1400	1400	1400	1400
	60HZ	1720	1720	1720	1720	1720	1720
Motor power(Kw)		0.37	0.55	0.75	1.1	1.5	3.0
Working voltage(v)		220/380	220/380	380	380	380	380
Inlet Diam(mm)	I.D.	Φ25	Φ25	KF-25	KF-40	KF-40	KF-40
	O.D.	KF-25	KF-25				
Dimensions(mm)	Length	480	520	545	602	692	830
	Width	150	150	172	216	216	275
	Height	282	282	285	319	319	440
Noise dB (A)		65	65	65	65	65	68
Oil capacity (L)		1	1.2	1.5	2.5	3	6.5
G.W./N.W. (kg)		22/20	24/22	31/36	52/59	60/67	96/90