

## 2XZ-B Rotary Vane Vacuum Pump



### Characteristics:

1. 2XZ Series pump is two-stage oil sealed rotary vane vacuum pump and is a new concept out of routine of conventional design to satisfy customers needs for achieving high vacuum, great throughput, easy installation, operation and maintenance.
2. It is designed for all the high to low vacuum application such as for laboratory, Semiconductor industry, analytical instruments, light bulbs, fluorescent lights, distillation, freeze drying and all the other vacuum application works.
3. The operational principal of the pump is based on that the pump and motor are connected by flexible coupling and as the motor rotates so does pump rotor. As the rotor rotates, two vanes in rotor vane groove turn and making contact with the internal surface of the cylinder due to centrifugal force. The gas drawn through dirt trap in the intake passes the oil anti-suckback valve and streams into the pump cylinder. As rotating vanes and is confined between the vanes and moving towards the exhaust valve.
4. As the front vane passing the exhaust channel, the gas is being compressed and fully compressed gas opens the exhaust valve and exhausted through exhaust port. For lubrication and tight sealing, oil is supplied to the cylinder inside and vanes, rotor vane groove and vanes, and other moving area.

### Main Technical Parameters:

Model	Ultimate Pressure (Pa)	Pumping Speed (L/S)	Rotary Speed (RPS)	Intel Diam (mm)	Motor Power (kw)	Weight (kg)	Dimensions (mm)
2XZ-4B	$6 \times 10^{-2}$	4	1440	Φ25	0.55	30	512×196×332
2XZ-6B	$6 \times 10^{-2}$	6	1440	Φ25	0.75	40	542×196×332
2XZ-8B	$6 \times 10^{-2}$	8	1440	Φ40	1.1	70	646×236×390
2XZ-15B	$6 \times 10^{-2}$	15	1440	Φ40	1.5	80	706×236×390
2XZ-25B	$6 \times 10^{-2}$	25	1440	Φ50	3	94	786×276×470