

## 2XZ-C Series Direct Drive Rotary Vane Vacuum Pump



### **Introduction:**

2XZ-C series double stage rotary vane vacuum pump is a star model for its stable performance and compact structure. It can also be the fore pump of high vacuum or super high vacuum system.

### **Advantages:**

1. Compact structure, light weight, low noise, easy operation, stable performance.
2. Equipped with gas ballast valve to pump gas combined with a little water vapor.
3. Can be used both as single pump and as fore pump in high vacuum system.
4. With anti-oil-return device to guarantee a clean vacuum.
- 5.

### **Application:**

It is widely used in refrigeration equipment, medical treatment, chemicals and laboratory

of hospitals & universities, vacuum smelting, vacuum coating, monocrystal silicon, polysilicon, distilling industry, food packaging, aerospace technology, semiconductor, electronics, etc.

**Technical Specification:**

| Models                 |        | 2XZ-1C    | 2XZ-2C  | 2XZ-4C   | 2XZ-6C   | 2XZ-8C   | 2XZ-15C | 2XZ-25C |
|------------------------|--------|-----------|---------|----------|----------|----------|---------|---------|
| Speed (L/s)<br>/ (CFM) | 50HZ   | 1 / 2     | 2 / 4   | 4 / 8    | 6 / 13   | 8 / 17   | 15 / 32 | 25 / 53 |
|                        | 60HZ   | 1.2 / 2.5 | 2.4 / 5 | 4.8 / 10 | 7.2 / 15 | 9.6 / 20 | 18 / 38 | 30 / 64 |
| Ultimate pressure (Pa) |        | 1         | 1       | 1        | 1        | 1        | 1       | 1       |
| Rotary<br>speed (rpm)  | 50HZ   | 1400      | 1400    | 1400     | 1400     | 1400     | 1400    | 1400    |
|                        | 60HZ   | 1720      | 1720    | 1720     | 1720     | 1720     | 1720    | 1720    |
| Motor power(Kw)        |        | 0.25      | 0.37    | 0.55     | 0.75     | 1.1      | 1.5     | 3.0     |
| Working voltage(v)     |        | 220/380   | 220/380 | 220/380  | 380      | 380      | 380     | 380     |
| Inlet<br>Diam(mm)      | I.D.   | Φ18       | Φ25     | Φ25      | KF-25    | KF-40    | KF-40   | KF-40   |
|                        | O.D.   | KF-18     | KF-25   | KF-25    |          |          |         |         |
| Dimensions(mm)         | Length | 480       | 480     | 520      | 550      | 608      | 676     | 830     |
|                        | Width  | 145       | 150     | 150      | 174      | 220      | 220     | 275     |
|                        | Height | 240       | 250     | 250      | 279      | 346      | 346     | 440     |
| Noise dB (A)           |        | 65        | 65      | 65       | 60       | 65       | 65      | 68      |
| Oil capacity (L)       |        | 0.7       | 1       | 1.2      | 1.5      | 2.5      | 3       | 6.5     |
| N.W. (kg)              |        | 17        | 22      | 24       | 31       | 52       | 60      | 90      |

