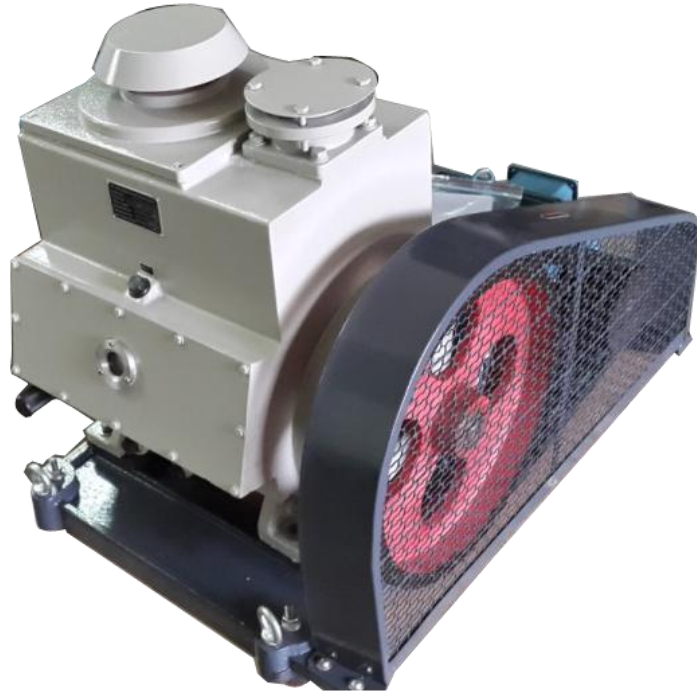


## 2X-A Series Two stage Rotary Vane Vacuum Pump (Belt-type)



### **Introduction:**

2X-A series vacuum pump is two stage structure. The operation performance consists of two parts, high-pressure stage and low-pressure stage. The technical parameter of the pump is  $6 \times 10^{-2}$  Pa. According to the user's operation requirements, and this pump is used as a backing pump of vacuum booster pump. Since the booster pump increased suction force, accompanied with the continuous suction of backing pump, the equipment will obtain higher vacuum percentage.

### **Advantages:**

1. Wide range of free-air capacities to match specific applications.
2. Positive pressure oil system ensures proper lubrication and prevents oil starvation under high gas loads.
3. Fast acting inlet valve protects internal components against oil and air contamination if the pump stops while under vacuum.
4. Gas ballast valve limits internal condensation; Lets you use pump when condensable vapors are present.

### **Application:**

It is applicable to vacuum coating, vacuum heat treatment, vacuum smelting, vacuum tube, bulb, chemicals, packing, forming, health and medical appliances, laboratory, vacuum drying machines and vacuum filtering.

### Technical Specification:

| Model                  | 2X-4A                   | 2X-8A                   | 2X-15A                  | 2X-30A                  | 2X-70A                  | 2X-100A                 |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Pumping speed (L/s)    | 4                       | 8                       | 15                      | 30                      | 70                      | 100                     |
| Ultimate Pressure (pa) | $\leq 6 \times 10^{-2}$ | $\leq 6 \times 10^{-2}$ | $\leq 6 \times 10^{-2}$ | $\leq 6 \times 10^{-2}$ | $\leq 6 \times 10^{-2}$ | $\leq 6 \times 10^{-2}$ |
| Motor power(kw)        | 0.55                    | 1.1                     | 2.2                     | 3                       | 5.5                     | 7.5                     |
| rotary speed(r/min)    | 450                     | 320                     | 320                     | 450                     | 420                     | 360                     |
| Cooling Type           | Natural cooling         |                         |                         | Water cooling           |                         |                         |
| Noise level DB(A)      | $\leq 65$               | $\leq 70$               | $\leq 70$               | $\leq 70$               | $\leq 75$               | $\leq 90$               |
| Inlet diameter(mm)     | 25                      | 40                      | 50                      | 65                      | 80                      | 90                      |
| Outlet diameter(mm)    | 30                      | 50                      | 80                      | 85                      | 100                     | 125                     |
| Oil capacity(L)        | 1                       | 2                       | 2.8                     | 3                       | 4.2                     | 5                       |
| Solenoid valve         | DDC-JQ25                | DDC-JQ40                | DDC-JQ40                | DDC-JQ65                | DDC-JQ80                | DDC-JQ100               |
| Dimensions (mm)        | 540×335×380             | 790×430×540             | 790×530×540             | 810×480×560             | 910×650×700             | 1130×740×690            |
| Cooling speed(L/min)   | /                       | /                       | /                       | >1L/min                 | >2L/min                 | >2L/min                 |
| Weight(Kg)             | 60/50                   | 158/148                 | 202/190                 | 230/216                 | 338/320                 | 400/370                 |