

Winner Vacuum Packing Pvt Ltd.

124, Shrikrishna Industrial Estate, Opposite Dahisar Toll Plaza, Dahisar (E), Mumbai - 400 088 Maharashtra, India.
 Phone : +91-22- 40141174 / 75, 28960074 - Ext: 16 Mobile : +91-7718864978 Email : info@vacuumpumpindia.net

LIQUID RING VACUUM PUMP

2WBE3 SERIES

Introduction

The 2WBE3 liquid ring vacuum pumps and compressors are high efficient and energy saving products developed by our company on the basis of our scientific achievements and production experiences over the years and internationally advanced technique of similar products. They are also applicable for corrosive gases or corrosive liquid can be used as treatment fluid by modifying materials of parts.

The products are being widely used in fields of paper making chemistry, pharmacy, coal dressing, mineral, stoneware, and chemical fertilizer due to their outstanding and reliable performance and durability.



Main features:

1. 2WBE3 vacuum pump set the suction and discharge flanges both on the top and sides with the same diameter so onsite installations are more flexible and convenient.
2. The material of the impeller is welded with nodular iron or steel to ensure the high stability and increase the lifetime of the pump greatly during any hard conditions.
3. The pump body is made of steel or stainless steel plates to increase the lifetime of the pump.
4. The mechanical seals (option) adopt the imported parts to fully ensure the pump in the long-running process without leakage.
5. The gap, corrosion status, fouling situation can be easily observed by the big inspection port on both sides of the pump cover.
6. All bearings adopt the imported products in order to ensure precise orientation of impeller and high stability during the running.
7. The pulley (when the pump is driven by the belt) adopts standard high precise taper bushing pulley to keep the reliable running and increase its lifetime, also it is easy to dismantle.
8. The shaft sleeve as the most easily damaged part, our shaft sleeve is made of stainless steel to increase the lifetime of the pump five times than normal material.
9. Special separator built-on the pump can save the space and reduce the noise efficiently.
10. All the castings by the resin sands with great quality, no puttying. Keep the heat dissipation is the best.

Technical Data :

Model	Ultimate Vacuum hpa	Rotary Speed (rpm)	Pumping Speed (m ³ /hr)	Motor Power (kw)	Transmission Type	Pump Weight (kg)	Inlet Diam (mm)	Outlet Diam (mm)
2WBE3 400	160	300	70.0	75	Gear box/ belt	4050	300	300
		330	77.5	90				
		350	81.0	110				
		390	91.0	110				
		449	103.0	132				
		475	110.0	160				
		498	115.0	160				

pressure (mbar)	200	250	300	350	400	450	500	550	600	650	700	750	800
2WBE3-400	9.5	9.9	9.9	9.5	9	8.7	7.9	7.5	6.6	6	5.3	4.7	4.2
2WBE3-420	13	13.5	13.5	12.9	12.3	11.5	10.7	9.7	9	8.1	7.3	6.4	5.8
2WBE3-500	17.6	18.3	18.3	17.2	16.6	15.4	14.4	13.2	12.1	11	9.9	8.9	7.8
2WBE3-520	21.5	22.2	22.2	21.2	20.2	18.9	17.6	16.1	14.8	200	12	10.7	9.5
2WBE3-600	24.6	25.4	25.4	24.2	23	21.5	20.1	18.4	16.9	15.3	13.7	12.2	10.9
2WBE3-620	30	30.9	30.9	29.3	28	26.1	24.4	22.3	20.5	18.6	16.7	14.9	13.2
2WBE3-670	34.6	35.5	36.4	34.6	33	30.7	28.7	26.3	24.1	21.8	19.7	17.6	15.5
2WBE3-720	41.3	42.2	43.5	41.4	39.4	36.7	34.3	31.5	28.8	26.2	23.7	21.1	18.6

1. In the usual condition with standard temperature at 15° (its range from 0° to 65°); or at least its temperature is lower 10° than the boiling point.
 2. The above water consumption indicates the data under standard speed of the pump. For various speeds, the practical value in the chart should multiply the ratio between the practical speed and the standard speed.
 3. If it is necessary to raise the flow rate of the working liquid, the data in the above chart should be double.
-