BioLAB

PRODUCT CATALOG

LIQUID SUCTION VACUUM PUMP BVAP-301

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LIQUID SUCTION VACUUM PUMP BVAP-301

VACUUM PUMP

Low noise, high efficiency:
1. Two-stage vacuum pump control technology with lower noise, higher vacuum, higher pumping efficiency, for the vacuum drying time is around 2-4 mins.
Clean and reliable:
1. Double anti-return oil structure to more reliably protect the vacuum system from oil pollution after shutdown.
2. It adopts imported German oil seal and seals with fluororubber material to improve corrosion
resistance and prevent oil leakage.
3. Adopting the aviation technology bushing treatment process, the life of the exhaust valve piece reaches 10 billion times.
4. It adopts high-quality materials such as vacuum pump oil imported from Japan,

SPECIFICATIONS

Model	BVAP-301
Displacement speed (50Hz m3/h(L/s))	4(1.1)
Displacement speed (60Hz m3/h(L/s))	4.8(1.3)
Ultimate partial pressure gas ballast close	5x10 - 2Pa
Ultimate total pressure gas ballast close	5x10 - 1Pa
Ultimate total pressure gas ballast open	10 Pa
Power supply	Single/Three-Ph
Power rating	0.4/0.37kW
Level of protection	IP44
Intake and exhaust	KF16/25
Oil capacity	0.6 - 1.0 L
Motor speed (50/60Hz)	1440/1720 rpm
Ambient temperature	10 - 40°C
Noise level (50Hz)	≤ 52dB
Weight	19 kg
Dimension (LxWxH) mm	440x144x217
Alt Name	Vacuum Pump

FEATURES

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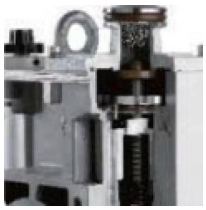
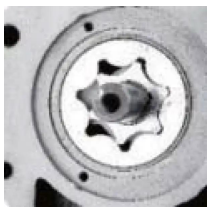
resistance and prevent oil leakage.
3. Adopting the aviation technology bushing treatment process, the life of the exhaust valve piece reaches 10 billion times.
4. It adopts high-quality materials such as vacuum pump oil imported from Japan, which makes the operation more reliable and has a longer service life.

Gas ballast



Auto antisuck back valve



Gear pump

Integrated pump body structure

MORE INFO

Capacity(L)	Degree of vacuum	model	Type	Flow of Vacuum pump	Time
24	133Pa	VRD8	two-stage pump	2L/S	1min
51	133Pa	VRD8	two-stage pump	2L/S	1min
91	133Pa	VRD16	two-stage pump	4L/S	2min
125	133Pa	VRD16	two-stage pump	4L/S	3min
216	133Pa	VRD24	two-stage pump	6L/S	4min

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