

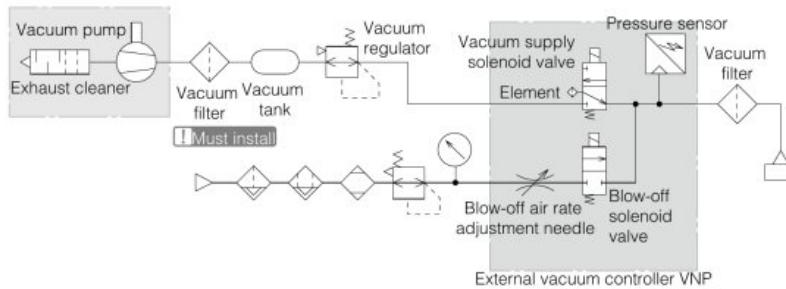
- Rotary vacuum pump realizing low driving noise, low vibration, low heat generation, low dust generation and long life.

Rotary vacuum pump RPV06 Series

Characteristics

- Contribute to energy saving
The top level high efficiency in the industry is realized for the pumping speed per motor power 1(W).
→ 1.0/1.2 [pumping speed (ℓ/min)/motor power (W)] (50/60Hz)
- Light weight and compact
Space saving is realized by adoption of the special rotor form.
Max weight: about 10.5Kgs. Max. dimension: 125 x 397.6 x 181mm (width x depth x height)*
* Max. weight and max. dimension are of 120L type RPV064-120V200.
- Low heat generation
Low generation of heat is realized by adoption of forced air-cooling system.
- Low driving noise and vibration
Low noise operation and low vibration are realized by full balancing design for rotary part.
Silent : $\leq 58\text{dB}$ / $\leq 63\text{dB}$ (50Hz/60Hz)
Vibration : About 1/10 of equivalent other brand models. (*)
* Our investigation. Same level as air conditioner or quiet car.
- Long life
Maintenance free for nearly 30,000 hours operation.
(* Under our operating conditions. The product life varies depending on the operation conditions and the inhaled gas (moisture or dust), etc)
High durability is realized by adopting of super engineering plastic, which is excellent in self-lubricity and wear resistance, and special surface treatment.
Providing minimum clearance between rotor and cylinder wall, realize the fundamentally contactless structure and minimization of sliding parts.
Adoption of magnet-coupling, no sliding seal required.
- Low generation of dust
Lubrication is unnecessary by adoption of the excellent clean vacuum grease for low dust and low volatile.
Low dust generation is realized by minimization of sliding parts.
Contamination to surrounding area is controlled.
- Contribute to environment, and Safe design
RoHS compliant and CE marking compliant. (Single-phase 100V with built-in power switch type is not compliant with CE marking.)
- Variety of options
Not only a pump but also push-in fittings and exhaust cleaners (exhaust mufflers) are prepared.

Schematic diagram (example) when using suction transport



* Compressed air is not necessary for suction transport by using the external vacuum controller VNP, which have direct operating valve for vacuum supply and blow-off solenoid valve. (Compressed air is necessary for blow-off.) Therefore, the consumption amount of compressed air can be remarkably reduced.

⚠ The rotary vacuum pump is a precision equipment. Do not let moisture, debris and dust flow into the pump by always installing a vacuum filter to an upstream piping.