

Outline

This is a vacuum pump that evacuates by reciprocating the piston in the cylinder. Simple structure and easy handling.

Features and Cautions on use

- Rocking piston type vacuum pump creates vacuum by reciprocal motion of cup packing inside the cylinder.

Specification

Item	Unit	50Hz	60Hz
Actual Pumping Speed	L/min	300	330
Ultimate Pressure	Pa	8.0×10^3	
	kPa	-93.3 ^{#1}	
Motor Output	W	400	
Weight	kg	20	
Inlet, Outlet port diameter	mm	O.D. $\phi 16 \times$ I.D. $\phi 12$ (Rc 1/2)	
Ambient temperature	℃	0~40	
Overall dimensions	mm	315(W) \times 443(L) \times 231(H)	
RoHS applied		●	

#1: Gauge pressure

Power Supply/Voltage

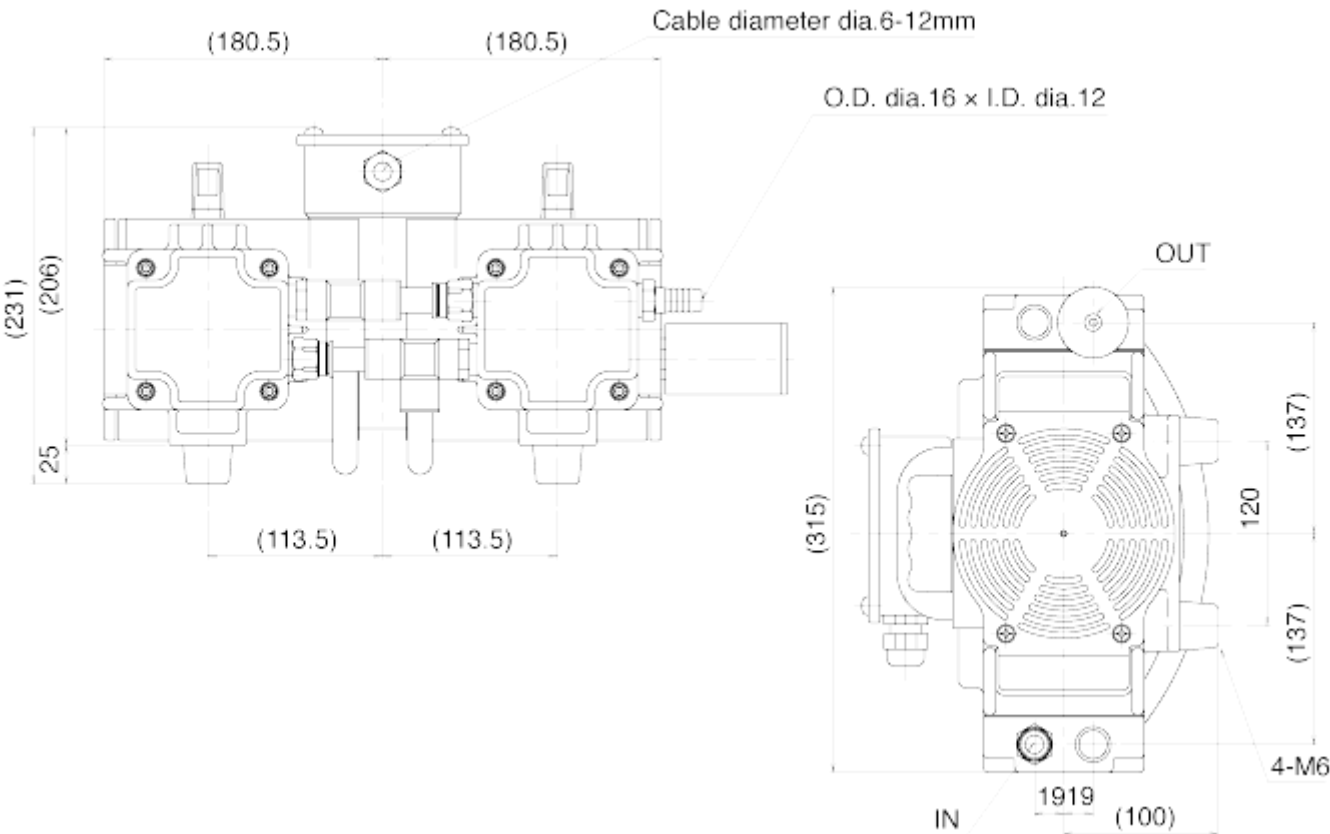
Voltage	Certificate	Remarks
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Three phase, 200-230V

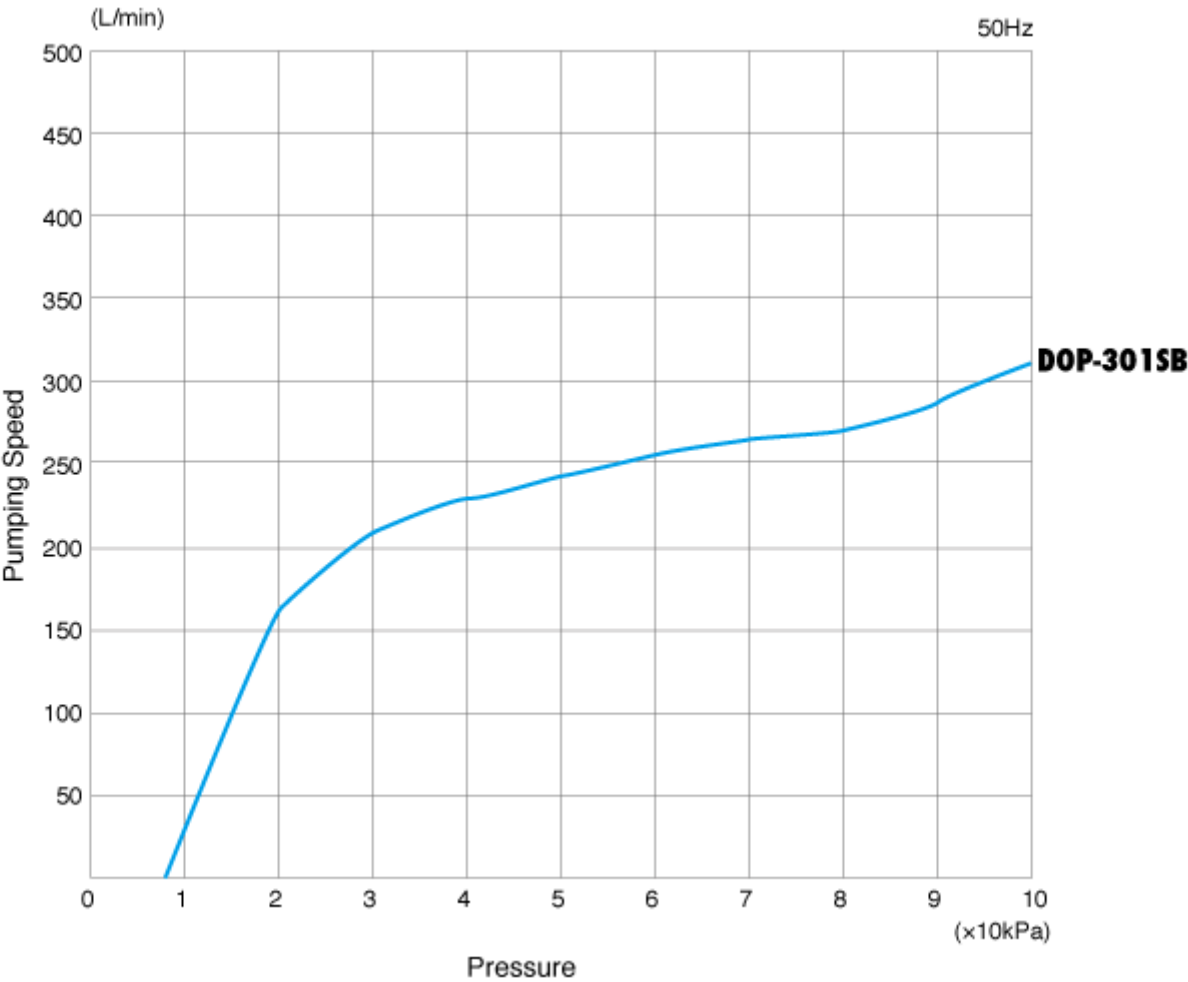
CE, TUV, cTUVus

■TUV Certification: A high-quality product that complies with European standards as assessed by an international third party that conducts product safety testing and certification.

Outline Drawing



Pumping Speed Curves



Remarks

- The pump is stopped when the lord is operated, and the pump can't be operated just after that. In this case, please return the atmospheric pressure the inside of the pump.
- The pump will not often operate normally if it is used with corrosive gases, organic solvents, liquids, or condensed gases (eg steam). The pump will not often operate normally if it is used with gases containing particles or dust etc.
- Cup packing that is the sliding material of the pump will be worn out by operating, and microscopic particles result from wear of component. Moreover, wear is promoted because the sliding material is weak in moisture, and the pump life decreases if the vacuum gas is moisture. Please suck neither moisture nor condensed gas (steam etc.).
- It is a pump only in the room. Please do not set it up in the place, that rain and water splash, and outdoors.

Applied optional part items

No.	Category name	Series	Name
1	Maintenance Kit	Maintenance Kit Series	Maintenace Kit for DOP-300S/SA/301SA/SB/SVB
2	Anti-vibration Rubber	Anti-vibration Rubber	Anti-vibration rubber (KA-20)
3	Anti-vibration Rubber	Anti-vibration Rubber	Anti-vibration rubber (KA-25)

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