



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	40	44
Ultimate Pressure	Pa	1.2×10 ³	
	kPa	-100.1 ^{#1}	
Motor Output	W	210	
Weight	kg	7	
Inlet, Outlet port diameter	mm	O.D. φ9×I.D. φ5 (Rc 1/4)	
Ambient temperature	°C	7~40	
Overall dimensions	mm	160(W) × 270(L) × 179(H)	
RoHS applied		●	

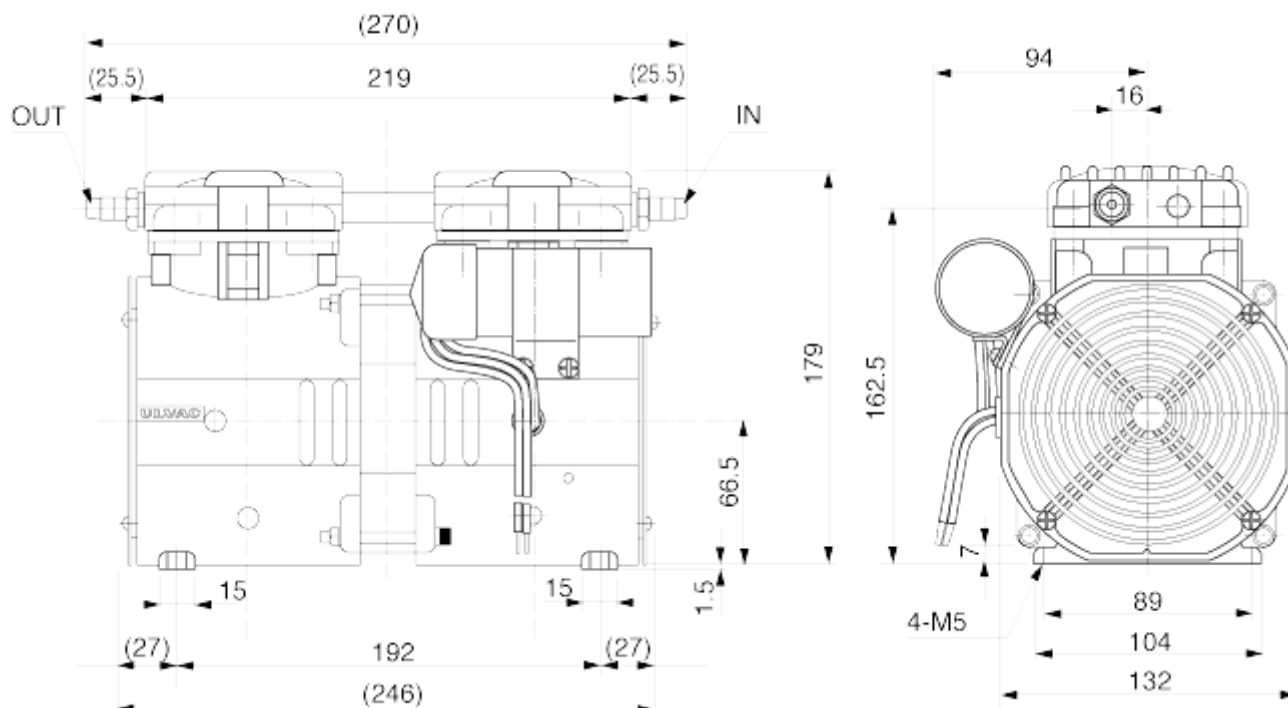
#1: Gauge pressure

Power Supply/Voltage

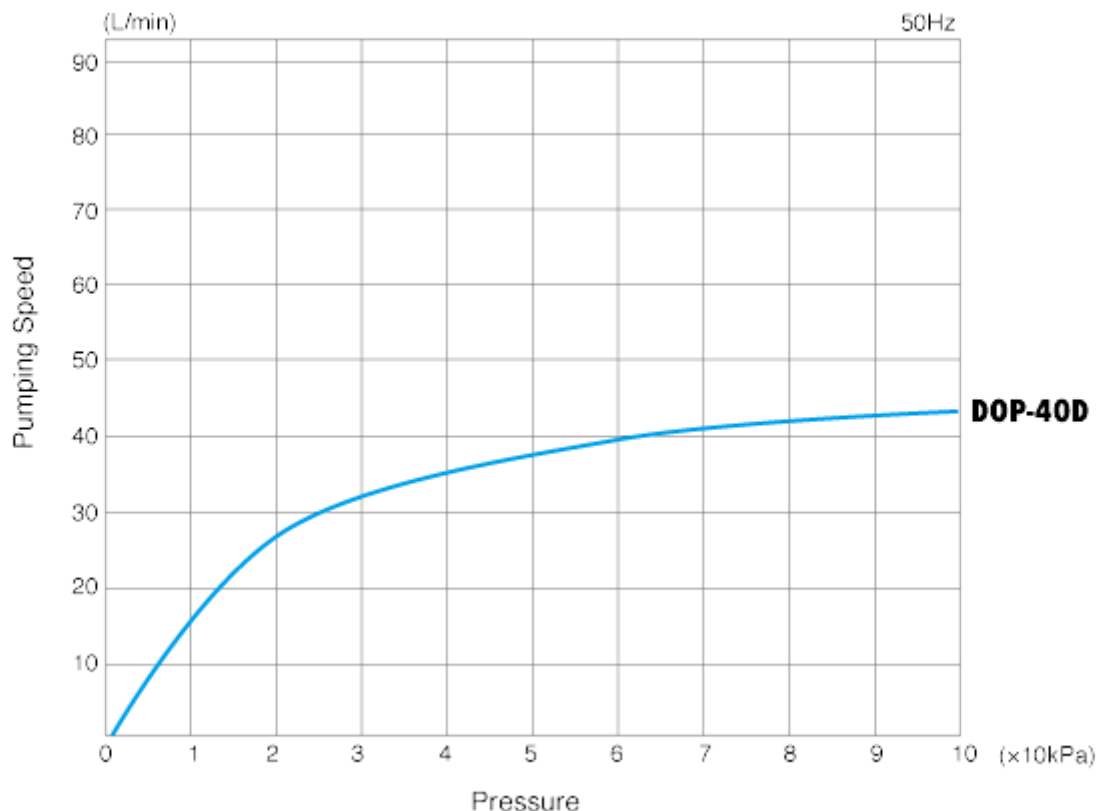
Voltage	Certificate	Remarks
Single phase, 100V	—	
Single phase, 115V	—	
Single phase, 200V	—	
Single phase, 220V	—	

■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 load 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.
- Anti-vibration rubber must be equipped when the pump is being fixed to the systems. The size of the screw for the anti-vibration rubber is M5 * P0.8. In addition, the length of the screws on pump side must be no longer than 10mm.

Applied optional part items

No.	Category name	Series	Name
1	Maintenance Kit	Maintenance Kit Series	Maintenance Kit for DOP-40D
2	Anti-vibration Rubber	Anti-vibration Rubber	Anti-vibration rubber (ME-15cut)

アルバック機工株式会社

〒881-0037
 宮崎県西都市大字茶臼原291-7
 TEL:(0983)42-1411(代)
 FAX:(0983)42-1422