

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

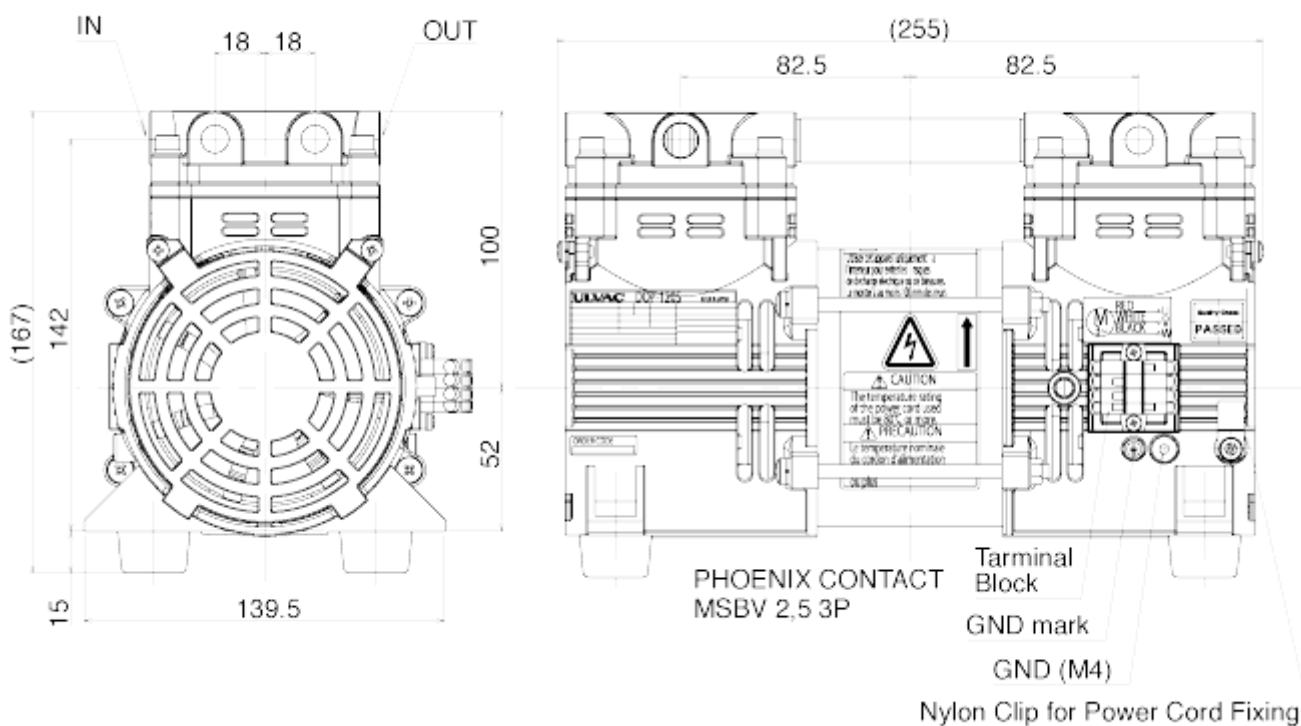
- Rocking piston type vacuum pump creates vacuum by reciprocal motion of cup packing inside the cylinder.

Specification

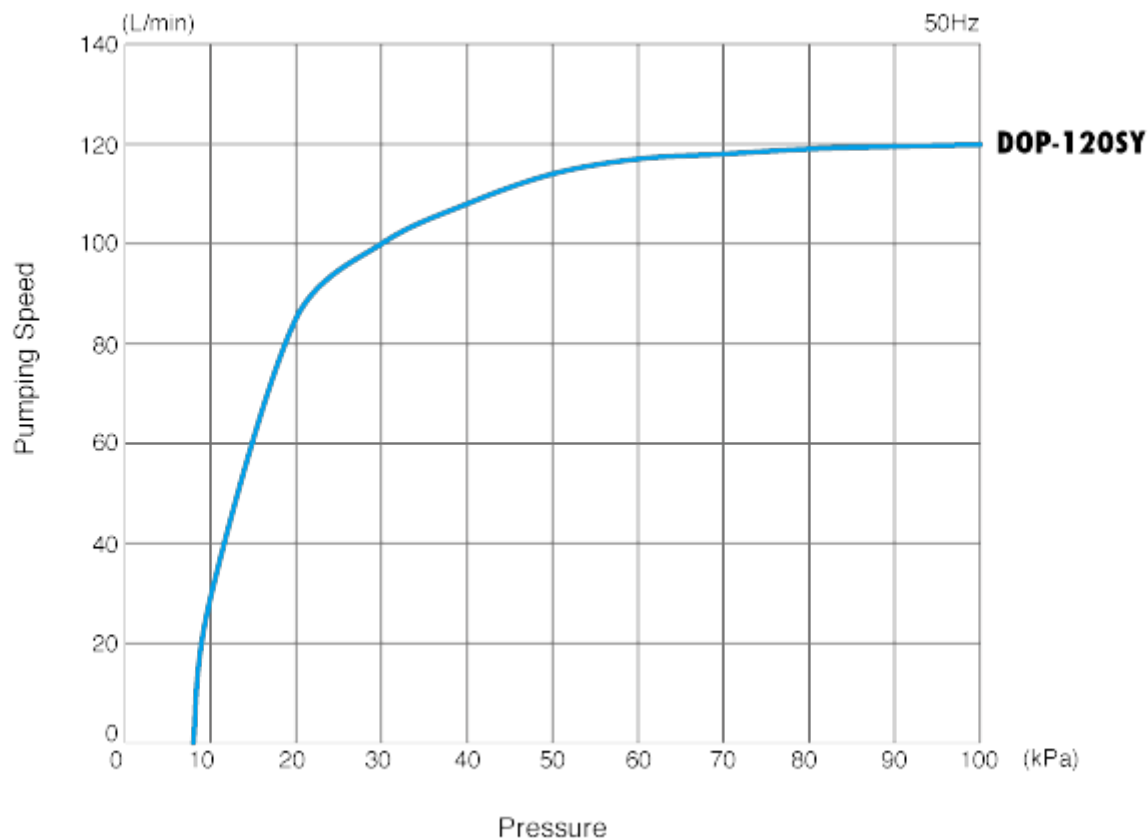
Item	Unit	50Hz	60Hz
Actual Pumping Speed	L/min	120	140
Ultimate Pressure	Pa	8.0×10 ³	
	kPa	-93.3 #1	
Motor Output	W	120	
Weight	kg	6.4	
Inlet, Outlet port diameter	mm	Rc1/4	
Ambient temperature	°C	7~40	
Overall dimensions	mm	139.5(W) × 255(L) × 167(H)	
RoHS applied		●	

#1: Gauge pressure

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.

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