



Outline

This is a vacuum pump that evacuates by the eccentric motion of the spiral wall (orbiting scroll) facing the fixed spiral wall (fixed scroll).

Features and Cautions on use

- Double wrap type scroll pump which consists of 1 orbiting and 2 fixed scrolls.
- Operation from atmospheric pressure is possible.
- High ultimate pressure level is attainable.
- Low vibration and noise.
- Maintenance cycle can be controlled by hour meter.

Specification

Item	Unit	50Hz	60Hz
Actual Pumping Speed	L/min	400	480
Ultimate Pressure	Pa	1	
Motor Output	W	600	
Weight	kg	44	
Inlet, Outlet port diameter	mm	KF-40/KF-25	
Ambient temperature	°C	5~40	
Overall dimensions	mm	290(W) × 443(L) × 397(H)	
RoHS applied		●	

The above mass is for single-phase specification. The weight of the three-phase specification is 38.0 kg.

The above maximum dimensions are for single-phase specification. The maximum dimensions of the three-phase specification are 292(W)X372(L)X397(H).

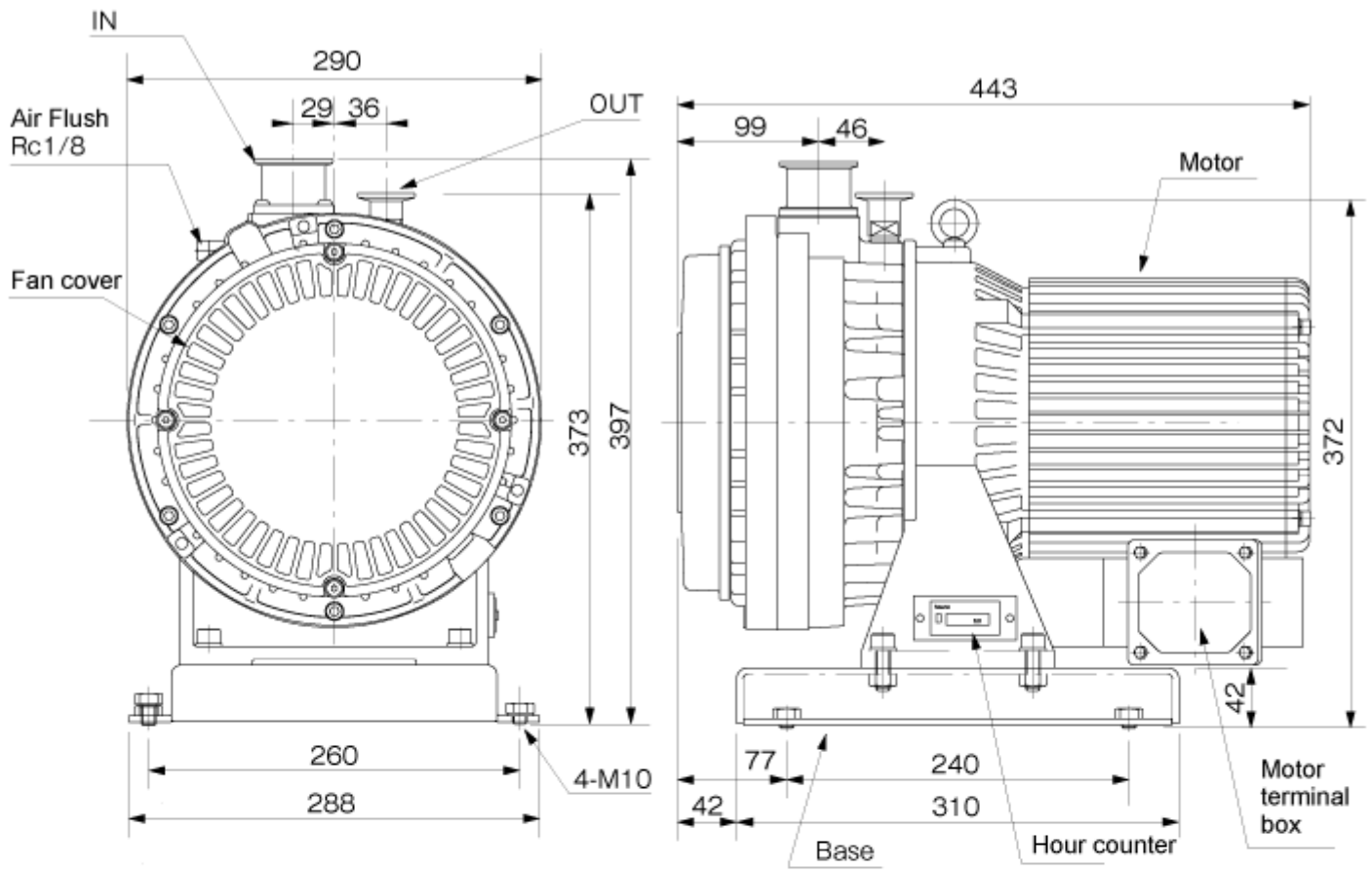
Power Supply/Voltage

Voltage	Certificate	Remarks
Single phase, 100V/115V/200V/230V	CE, cTUV	
Three phase, 200V/208V/230V/380V/400V/415V/460V	CE, cTUV	

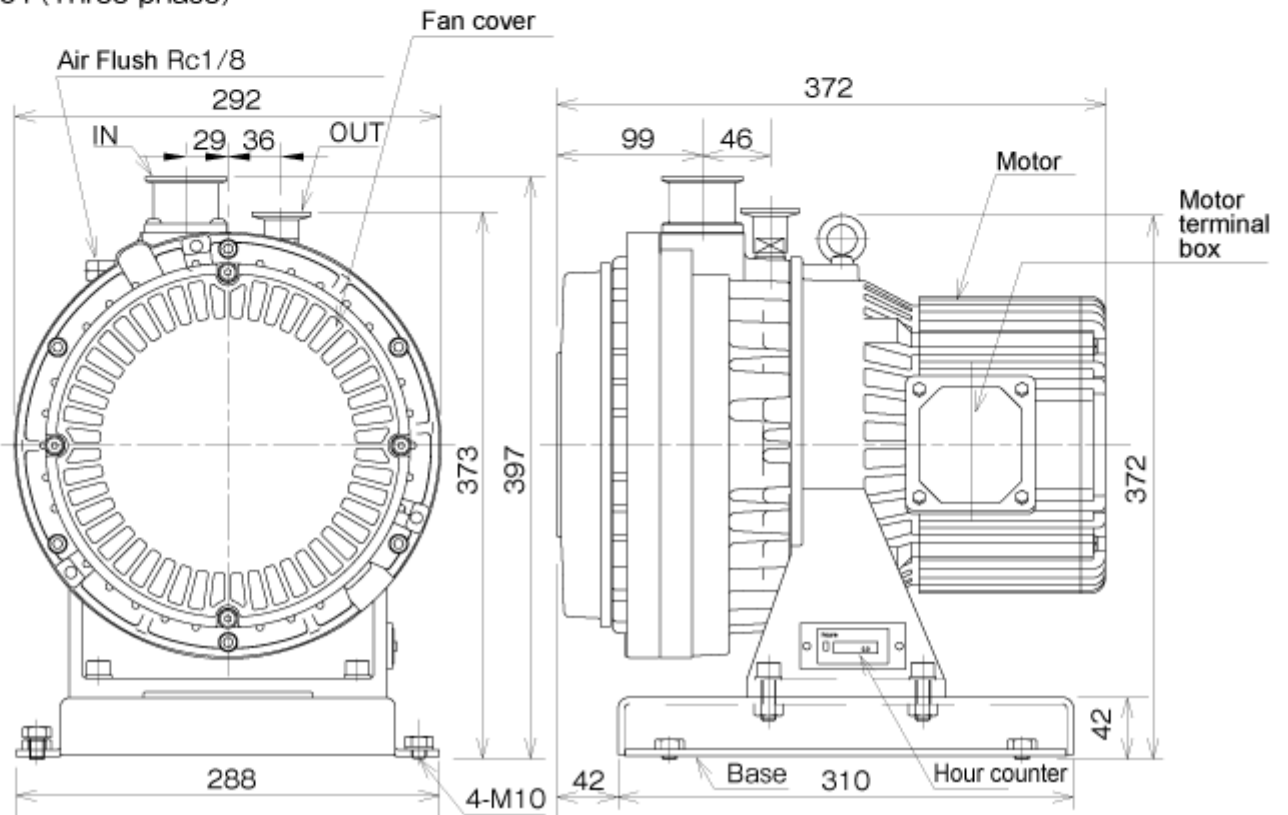
■TUV Certification: A high-quality product that complies with European standards as assessed by an international third party that conducts product safety testing and certification.

Outline Drawing

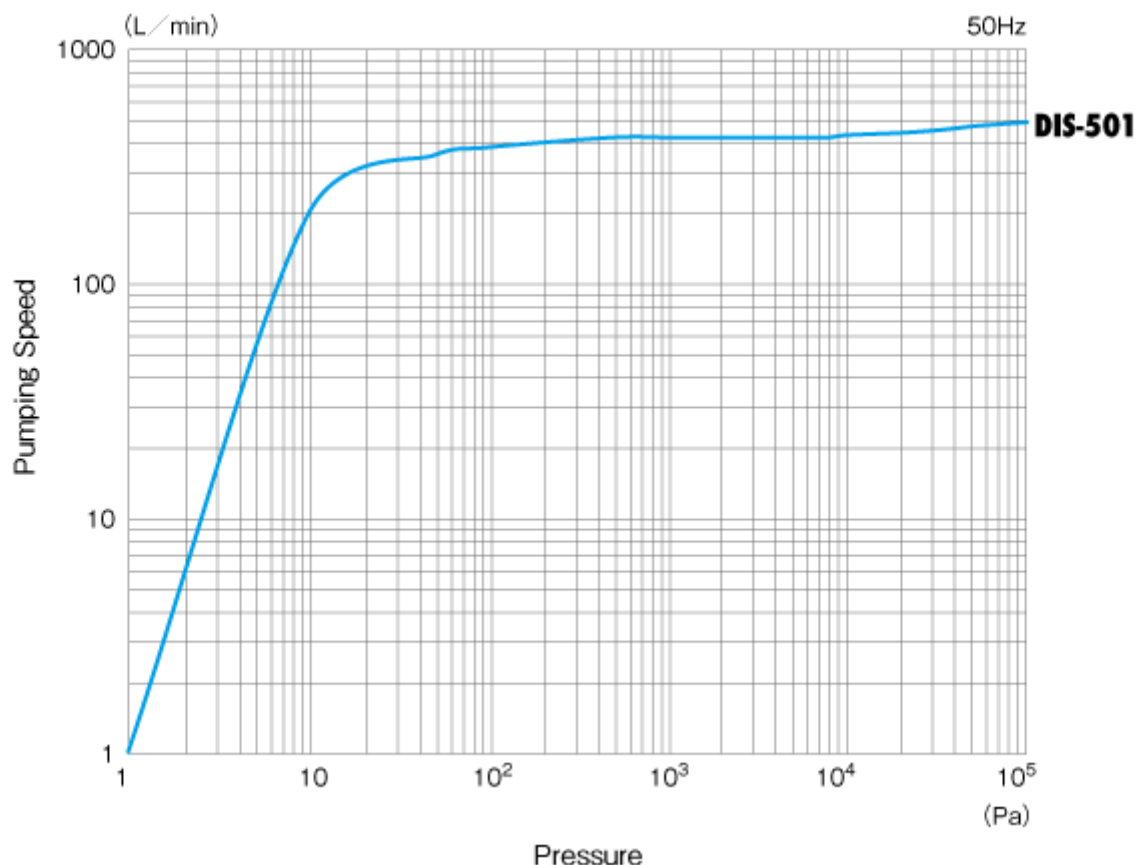
■DIS-501 (Single phase)



■DIS-501 (Three phase)



Pumping Speed Curves



Remarks

- If the pump evacuates the powder or the product, it might be damaged. Please use the inlet filter etc.
- Do not evacuate gas which is hazardous to humans or explosive, flammable, or corrosive. If done, it can cause failure by gas, explosion or ignite.
- It is a pump only in the room. Please do not set it up in the place, that rain and water splash, and outdoors.
- The model name label on the surface of the product shows design pumping speed.

Applied optional part items

No.	Category name	Series	Name
1	Vacuum pump Suction and Exhaust Filter	SGT Series	SGT-100
2	Vacuum pump Suction and Exhaust Filter	SGT Series	SGT-200

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