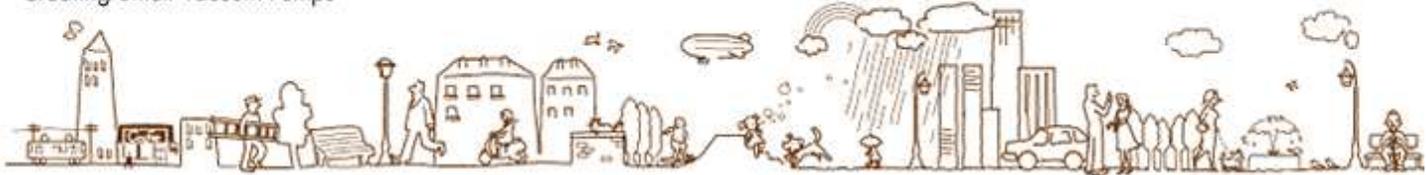


ULVAC KIKO Inc.
Creating Small Vacuum Pumps

ULVAC



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Direct Drive Oil-Sealed Rotary Vacuum Pumps **GHD-101**

Two-stage / with cord, and switch/with thermal protector



Features

- Wide range voltage motor and correspond to CE, cTUVus.
- Magnet coupling for no oil leakage from shaft seal and realized longer lifetime.
- Integrated check valve below the inlet port for backflow prevention.

Applications

- Helium leak detector.
- Analytical equipment.(GC/MS,ICP/MS,LC/MS)
- Laboratory experiment.

Specifications

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	Unit	50Hz	60Hz
Actual Pumping Speed	L/min	100	120
Ultimate pressure	Pa	0.67 (G.V. closed) 6.7 (G.V. open)	
Motor		Single phase, 100V	
Full load current	A	5.5	6.3
Oil capacity	mL	1000	
Recommended oil		R-2	
Weight	kg	22.0	
Inlet, outlet pipe diameter	mm	KF-25	
Ambient temperature	°C	7 – 40	
Overall dimensions	mm	150(W) x 413.5(L) x 234.5(H)	

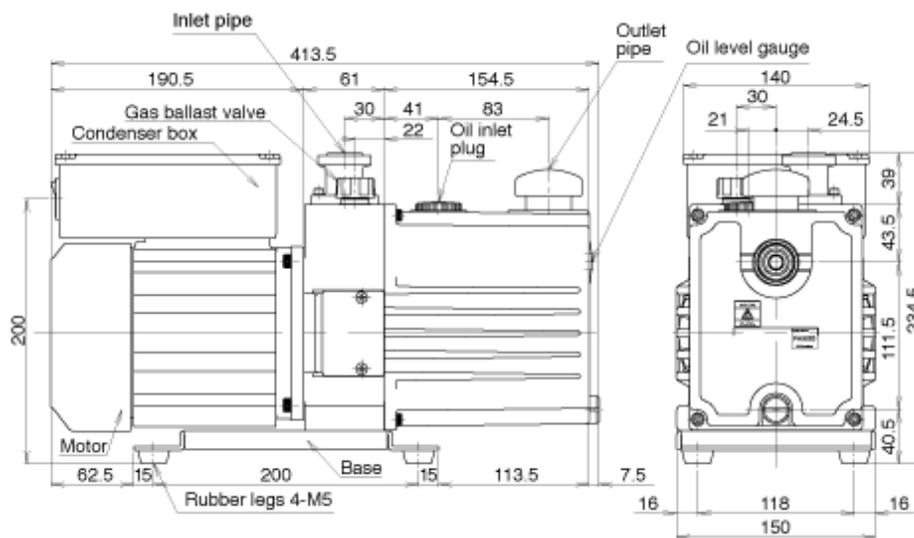
*Ultimate pressure is measured by Pirani gauge.

Caution

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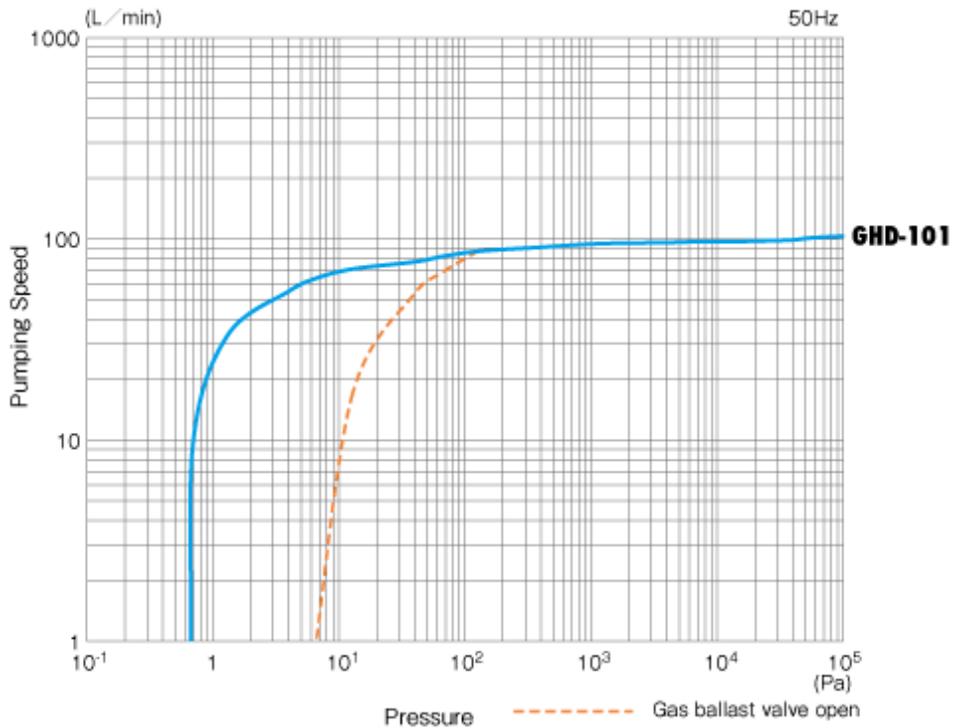
1. Oil is deteriorated with operating, and becomes the factor of performance shortage. A decrease and the dirt of oil are confirmed, and please regularly add and replace it.
2. If operation is performed at high pressure, oil mist is generated at the exhaust side.
3. There is a risk of explosion. Never block the outlet or operate the pump with equipment mounted at the outlet side that blocks the passage of gas.
Otherwise, the internal pump pressure increases causing the pump to explode, the oil level gauge to protrude or the motor to be overloaded.
4. This motor houses an automatic returning thermal protector, which may be activated in case of trouble. The motor will restart automatically when the temperature goes down.
If the thermal protector is activated, switch off the power immediately for safety reason.

Outline Drawing

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Pumping Speed Curves

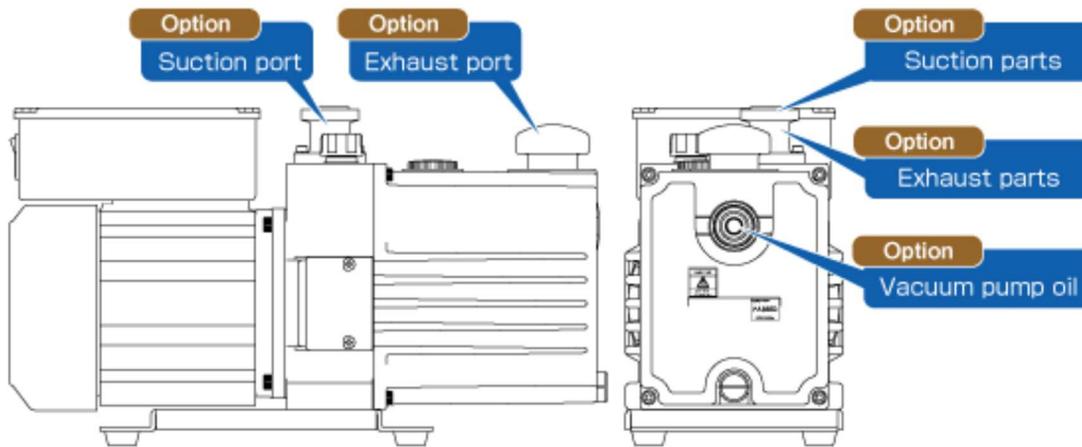
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Option

* You can see each option, if you click an option.

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Optional Voltage

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Voltage	Applicable Volt	CE Marked	TUV Marked	cTUVus Marked
Single phase, 100V	●	●	●	●
Single phase, 115-120V	●	●	●	●
Single phase, 200V	●	●	●	●
Single phase, 220-230V	●	●	●	●

Contact

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