

Direct Drive Oil-Sealed Rotary Vacuum Pump (High Speed Type) GHD Series

Features

ULVAC KIKO's GHD Series of direct drive, oil-sealed rotary vacuum pumps offers premium features including: anti-suck back valve, gas ballast valve, forced oil lubrication and thermal protection. GHD Series pumps also offer compact size and low noise/low vibration operation for built-in and desktop applications.

Applications

- Scientific and chemical experiments, analyzing appliances, laser related facilities.
- High-vacuum pumping systems.
- Backing systems for electron microscopes.
- Leak detector.

Direct Drive Oil-Sealed Rotary Vacuum Pump (High Speed Type)

GHD-030

Actual Pumping Speed



With built-in thermal protector

Direct Drive Oil-Sealed Rotary Vacuum Pump (High Speed Type)

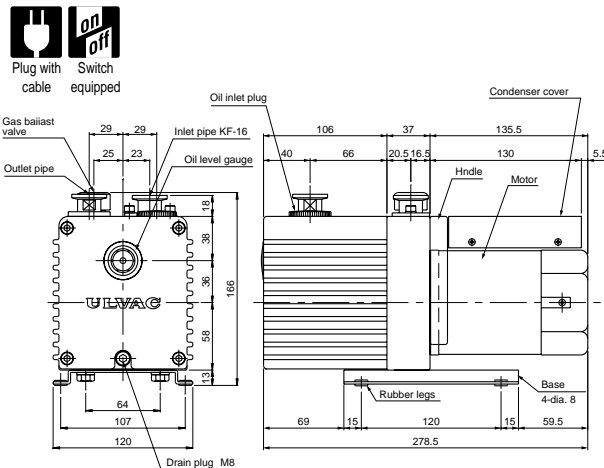
GHD-060

Actual Pumping Speed

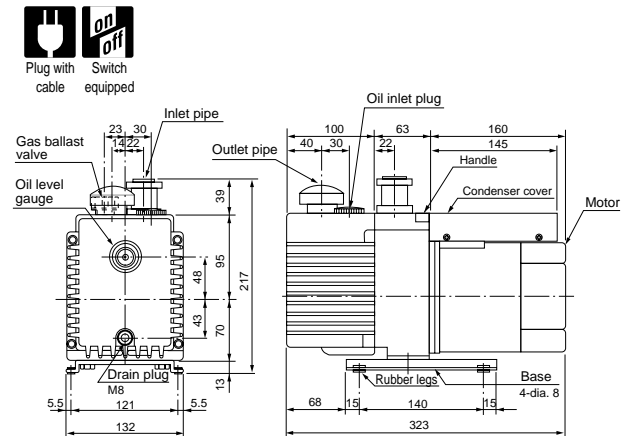


With built-in thermal protector

External Dimension Diagram (unit: mm)



External Dimension Diagram (unit: mm)



Specifications

	Unit	50Hz	60Hz
Actual Pumping Speed	L/min.	30	36
Ultimate pressure	Pa	G.V. Closed 6.7×10^{-2} (6.7×10^{-1})	
		G.V. Open (6.7)	
Motor		Single phase, 100V, 150W, 2 poles, capacitor run	
Full load current	A	2.2	2.4
Oil capacity	mL	600	
Recommended oil		R-2	
Weight	kg	8.7	
Inlet pipe dimensions		KF-16	
Ambient operation temp. range	°C	7 ~ 40	
Overall dimensions	mm	120(W) x 278.5(L) x 166(H)	

Specifications

	Unit	50Hz	60Hz
Actual Pumping Speed	L/min.	120	144
Ultimate pressure	Pa	G.V. Closed 6.7×10^{-2} (6.7×10^{-1})	
		G.V. Open 6.7	
Motor		Single phase, 100V, 300W, 2 poles, capacitor run	
Full load current	A	5.5	5.0
Oil capacity	mL	600	
Recommended oil		R-2	
Weight	kg	17	
Inlet pipe dimensions		KF-25	
Ambient operation temp. range	°C	7 ~ 40	
Overall dimensions	mm	132(W) x 367(L) x 217(H)	

• GHD Series

Model	Actual Pumping Speed (L/min)	Ultimate pressure (Pa)	Power required	Weight(kg)	Inlet pipe dimensions	Overall dimensions W x L x H (mm)
* ○ ● GHD-030	50Hz 30	G. V. closed 6.7×10^{-2}	Single phase	8.7	KF16	120.0 x 275.0 x 166.0
	60Hz 36	G. V. open 6.7	100V(50/60Hz)			
* ○ ● GHD-060	50Hz 60	G. V. closed 6.7×10^{-2}	Single phase	14.0	KF25	132.0 x 317.0 x 217.0
	60Hz 72	G. V. open 6.7	100V(50/60Hz)			
* ○ ● GHD-120	50Hz 120	G. V. closed 6.7×10^{-2}	Single phase	17.0	KF25	132.0 x 367.0 x 217.0
	60Hz 144	G. V. open 6.7	100V(50/60Hz)			

* : Thermal protector equipped. ○ : Back flow prevention mechanism equipped
 ● : Gas ballast valve equipped. * : CE applicable models available (Please consult us for price.)

Direct Drive Oil-Sealed Rotary Vacuum Pump (High Speed Type)

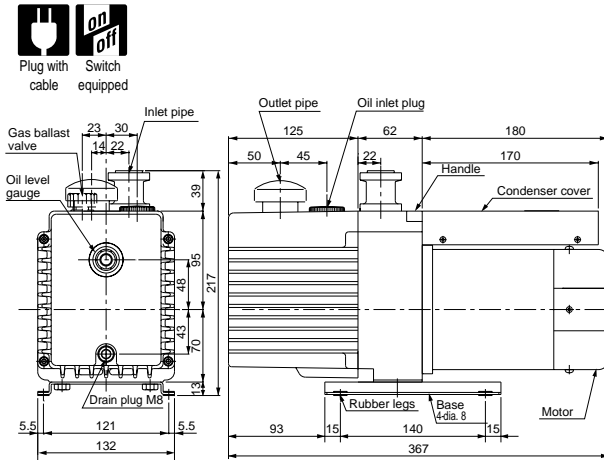
GHD-120

Actual Pumping Speed



With built-in thermal protector

External Dimension Diagram (unit: mm)



Specifications

	Unit	50Hz	60Hz
Actual Pumping Speed	L/min.	120	144
Ultimate pressure	Pa	G.V. Closed 6.7×10^{-2} (6.7×10^{-1})	
		G.V. Open 6.7	
Motor		Single phase, 100V, 300W, 2 poles, capacitor run	
Full load current	A	5.5	5.0
Oil capacity	mL	600	
Recommended oil		R-2	
Weight	kg	17	
Inlet pipe dimensions		KF-25	
Ambient operation temp. range	°C	7 ~ 40	
Overall dimensions	mm	132(W) x 367(L) x 217(H)	

Pumping Speed Curve

GHD Series

