G Series

Direct Drive Oil-Sealed Rotary Vacuum Pumps

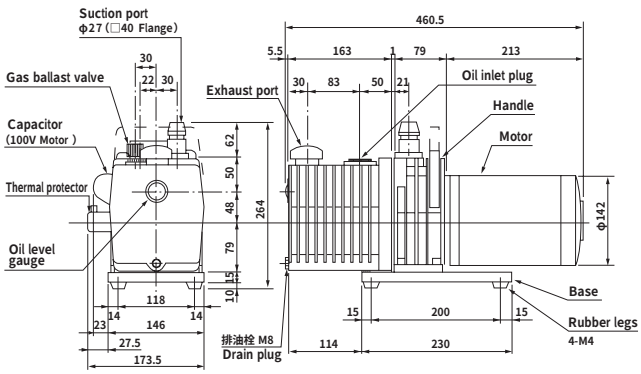
Standard type

G-100D

With built-in gas ballast valve / thermal protector

Outline drawing

*Standard type drawing



Specifications

		Unit	50Hz	60Hz
Actual pumping speed		L/min.	100	120
Ultimate pressure	G.V. Closed	Pa	6.7×10^{-2}	
	G.V. Open		6.7	
Motor			Single phase, 220V, 400W, 4 poles, capacitor starting	
Full load current		A	1.1	1.2
Oil capacity		mL	800	
Recommended oil			SMR-100	
Weight		kg	22.4	
Inlet port diameter		mm	O.D. dia.27 x I.D. dia.20	
Admissible temp range		°C	7 – 40	
Dimensions		mm	173.5(W) x 460.5(L) x 264(H)	

Optional voltage

Voltage	Applicable Volt	CE Marked	cTUVus Marked
Single phase, 100V	Standard	—	—
Single phase, 200V	●	—	—
Single phase, 220V	●	—	—
Three phase, 200V	●	—	—

GHD Series

Direct Drive Oil-Sealed Rotary Vacuum Pumps

High Speed type

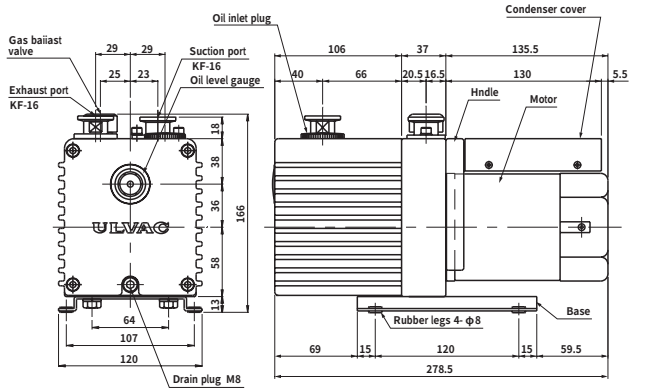
GHD-030

RoHS compliant

With built-in thermal protector

Outline drawing

*Standard type drawing



Specifications

		Unit	50Hz	60Hz
Actual pumping speed		L/min.	30	36
Ultimate pressure	G.V. Closed	Pa	6.7×10^{-2}	
	G.V. Open		6.7	
Motor			Single phase, 220V ,150W , 2 poles, capacitor run	
Full load current		A	1.1	1.2
Oil capacity		mL	600	
Recommended oil			R-2	
Weight		kg	8.7	
Inlet port diameter		mm	KF-16	
Admissible temp range		°C	7 – 40	
Dimensions		mm	120(W) x 278.5(L) x 166(H)	

Optional voltage

Voltage	Applicable Volt	CE Marked	cTUVus Marked
Single phase, 100V	Standard	—	—
Single phase, 110V, 115V	●	—	—
Single phase, 200V, 220V	●	—	—
Single phase, 230V	●	—	—

Ultimate pressure is measured with Macleod gauge.