

Oil-Sealed Rotary Vacuum Pumps

GHD Series

GHD-031 GHD-100

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



GHD-031B



GHD-100D

Specifications

Model	Unit	GHD-031B		GHD-100D	
		50Hz	60Hz	50Hz	60Hz
Actual pumping speed	L/min	30	36	100	120
Ultimate pressure*	Pa	0.67		G.V. Closed : 0.67 G.V. Open : 6.7	
Motor		Single phase, 200 – 240V, 100W, 2P, Capacitor run		Single phase, 220 – 240V	
Full load current	A	0.94 (200V) 0.84 (240V)	1.02 (200V) 1.03 (240V)	2.5	2.7
Oil capacity	mL	370		1,000	
Recommended oil		R-2		R-2	
Weight	kg	9.3		22.0	
Inlet port diameter	mm	KF-16		KF-25	
Ambient temperature	°C	7 – 40		7 – 40	
Overall dimensions	mm	120(W) × 288.5(L) × 163(H)		150(W) × 413.5(L) × 234.5(H)	

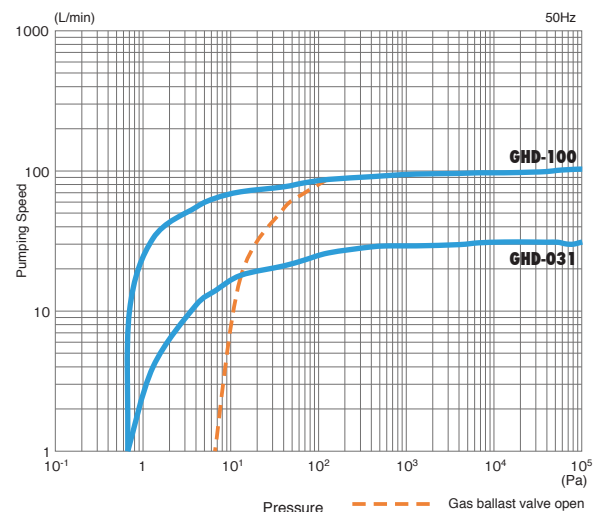
* : Ultimate pressure is measured by Pirani gauge.
(In case of macleod gauge, the rate is one digit smaller than this rate.)

Corresponding voltage and Certificate

Model	Voltage	Order Code	CE Marked	TUV Marked	cTUVus Marked
GHD-031A	Single phase, 100–120V	A41000311002	✓	✓	✓
GHD-031B	Single phase, 200–240V	A41000322002	✓	✓	✓
GHD-100A	Single phase, 100V	A41000354000	✓	✓	✓
GHD-100B	Single phase, 115–120V	A41000365000	✓	✓	✓
GHD-100C	Single phase, 200V	A41000375000	✓	✓	✓
GHD-100D	Single phase, 220–230V	A41000385000	✓	✓	✓

— : Not Available, ✓ : Available

Pumping speed curves



* Further details can be found on our website. Outside drawing appears in Page 49.