

Oil-Sealed Rotary Vacuum Pump

GLD-136C/201B



GLD Series, Direct Drive Oil-Sealed

■ Features

- GLD series features high performance, low vibration and noise and several functions such as gas ballast valve, oil-back-flow prevention mechanism, and large sized oil level gauge. This series equips multi-voltage motor and correspondent to international standard

■ Applications

- Chemical, science experiment, analyzer and laser system
- Backing pumps for electronic microscope
- Semiconductor equipment, sputtering equipment, vacuum evaporation equipment
- Vacuum dryer, freeze dryer
- Db noise level 57 db(A) or less

■ Specifications

Model	Unit	GLD-136C for ADP Series		GLD-201B for DP Series	
		50Hz	60Hz	50Hz	60Hz
Actual pumping speed	L/min	135	162	200	240
	m ³ /h	8.1	9.72	12.00	14.40
	CFM	4.77	5.72	7.06	8.47
	Pa	G.V. Closed : 0.67 G.V. Open : 6.7		G.V. Closed : 0.67 G.V. Open : 6.7	
Ultimate pressure	Torr	G.V. Closed : 5.0×10^{-3} G.V. Open : 0.05		G.V. Closed : 5.0×10^{-3} G.V. Open : 0.05	
	mbar	G.V. Closed : 6.7×10^{-3} G.V. Open : 0.07		G.V. Closed : 6.7×10^{-3} G.V. Open : 0.07	
	Motor	Single phase, 400W, 4P, Multiple-range motor Capacitor start & run, 100-120V/200-240V		Single phase, 550W, 4P, Multiple-range motor Capacitor start & run, 100-120V/200-240V	
Full load current	A	6.8 (100-120V)	5.8 (100-120V)	8.2 (100-120V)	7.9 (100-120V)
		3.5 (200-240V)	2.9 (200-240V)	4.1 (200-240V)	3.9 (200-240V)
Oil capacity	mL	1000		1100	
Recommended oil		SMR-100		SMR-100	
Weight	kg	27.0		29.0	
Inlet port diameter	mm	KF-25		KF-25	
Ambient temperature	°C	7-40		7-40	
	°F	44.6 - 104		44.6 - 104	
Overall dimensions	mm	170(W) × 488(L) × 250(H)		170(W) × 516(L) × 250(H)	

■ Corresponding Voltage and Certificate

Model	Voltage	Applicable Volt	CE Marked	TUV Marked	cTUVus Marked
GLD-136C	Single phase, 100-120V	Standard	●	●	●
	Single phase, 200-240V	Standard	●	●	●
GLD-201B	Single phase, 100-120V	Standard	●	●	●
	Single phase, 200-240V	Standard	●	●	●

Pumping Speed Curves

