

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

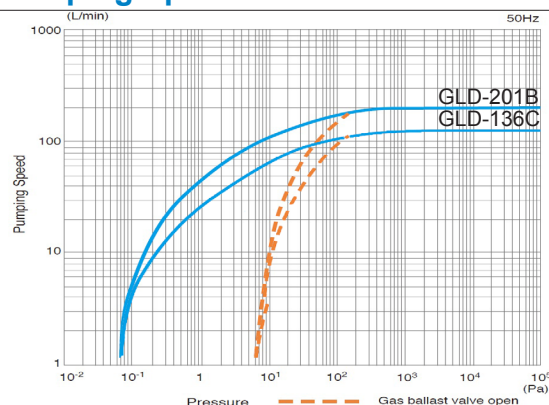
■ Specifications

Model		GLD-136C for ADP Series		GLD-201B for DP Series	
		Unit	50Hz	60Hz	50Hz
Actual pumping speed	L/min		135	162	200
	m ³ /h		8.1	9.72	12.00
	CFM		4.77	5.72	7.06
Ultimate pressure	Pa		G.V. Closed : 0.67 G.V. Open : 6.7		G.V. Closed : 0.67 G.V. Open : 6.7
	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) 3.5 (200-240V)	5.8 (100-120V) 2.9 (200-240V)	8.2 (100-120V) 4.1 (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)

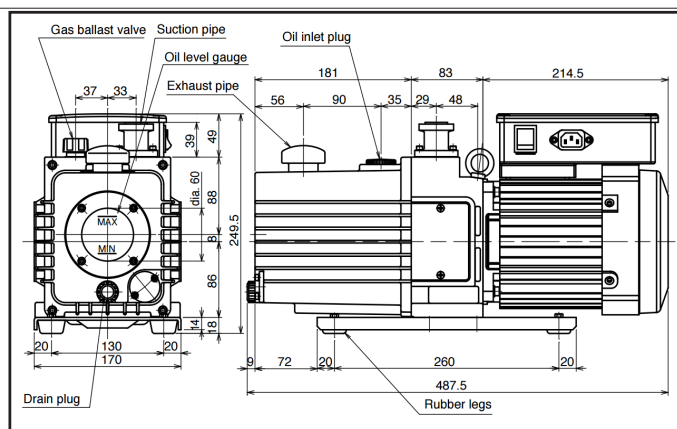
■ Corresponding Voltage and Certificate

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	●	●	●

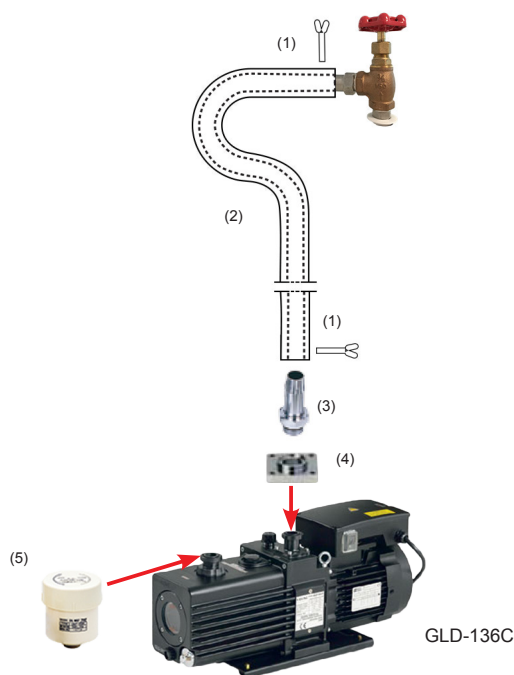
Pumping Speed Curves



GLD-136C for ADP Series

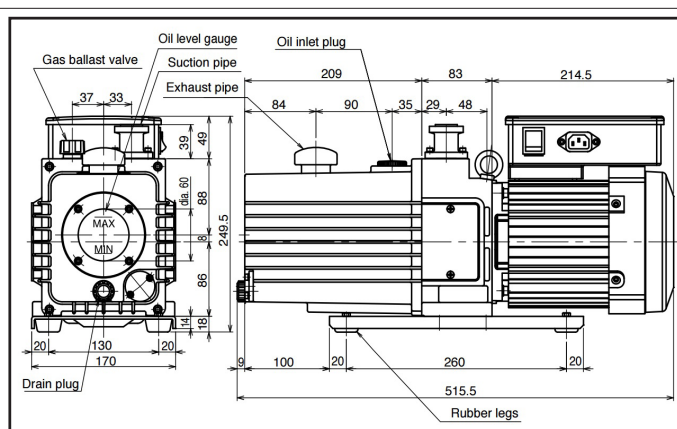


ADP Series Oven (Hose Connection)

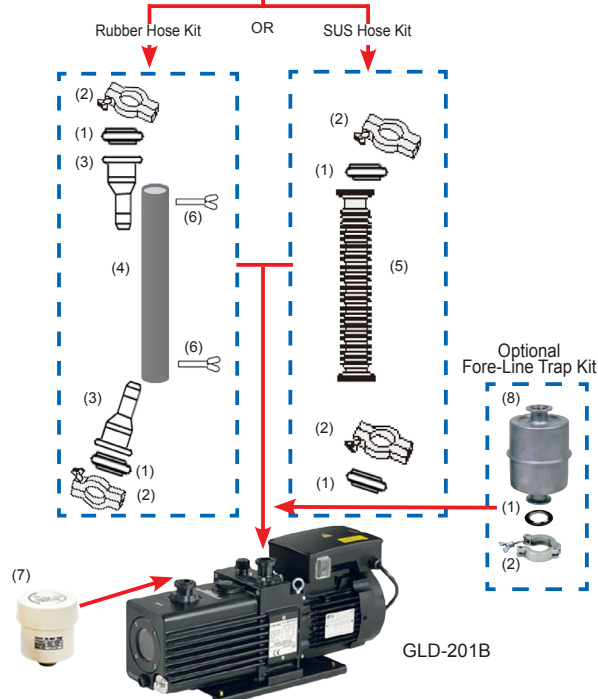


Description	
(1) Hose Clamp	
(2) Rubber Hose ID:16mm/1500mm	
(3) Hose Port Type Suction Pipe OD: 18mm x M20	
(4) 50mm Square Adapter for Suction Port	
(5) Oil Mist Trap	

GLD-201B for DP Series



DP Series Oven (NW25 Flange Connection)



Description	
(1) NW25 Centering O-Ring	
(2) NW25 Hinged Clamp	
(3) NW25 Hose Nozzle 21mm	
(4) Rubber Hose ID 21mm / 1500mm	
(5) SUS Flexible Hose KF25 x 1500mm	
(6) Hose Clamp	
(7) Oil Mist Trap	
(8) Fore-Line Trap	

Description	Product Code	Applicable products	Components
Rotary Vacuum Pump			
GLD136C with Rubber Hose Kit 115V	GLD136C115DPRKIT	ADP200C/210C/300C/310C Vacuum Oven Series	Vacuum pump, Oil mist trap, Hose clamp, Rubber hose, Suction pipe, Square adapter
GLD136C with Rubber Hose Kit 220V	GLD136C220DPRKIT		Vacuum pump, Oil mist trap, Hose clamp, Rubber hose, Suction pipe, Square adapter
GLD201B with Rubber Hose Kit 115V*	GLD201B115DPRKIT	DP43C/63C Vacuum Oven Series	Vacuum pump, Oil mist trap, Centering o-ring, Hinged clamp, Hose nozzle, Rubber hose, Hose clamp
GLD201B with SUS Hose Kit 115V*	GLD201B115DPSKIT		Vacuum pump, Oil mist trap, Centering o-ring, Hinged clamp, Hose nozzle, SUS flexible hose, Hose clamp
GLD201B with Rubber Hose Kit 220V*	GLD201B220DPRKIT		Vacuum pump, Oil mist trap, Centering o-ring, Hinged clamp, Hose nozzle, Rubber hose, Hose clamp
GLD201B with SUS Hose Kit 220V*	GLD201B220DPSKIT		Vacuum pump, Oil mist trap, Centering o-ring, Hinged clamp, Hose nozzle, SUS flexible hose, Hose clamp

* Optional Fore-Line Trap Kit not included in the kit above.