

**Oil-Sealed Rotary Vacuum Pumps**

**GCD Series**

**GCD-051X GCD-136X GCD-201X**

**Features**

GCD Series, direct drive, oil rotary vacuum pump is corrosion resistant for toxic and corrosive gases which is ideal for chemical, pharmaceutical applications. Surface of gas contacted parts are coated with hard plating. Three different sizes are available from 50L to 200L/min

**Applications**

- Semiconductor industry
- Chemical industry
- Post chemical-treatment drying
- Pharmaceutical industry



**GCD-051X**



**GCD-136X**



**GCD-201X**

**Specifications**

Model	Unit	GCD-051X		GCD-136X		GCD-201X	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Actual pumping speed	L/min	50	60	135	162	200	240
Ultimate pressure*	Pa	G.V. Closed : 0.67 G.V. Open : 6.7		G.V. Closed : 0.67 G.V. Open : 6.7		G.V. Closed : 0.67 G.V. Open : 6.7	
Motor		Single phase, 220 – 230V, 200W, 4P Split phase starting		Single phase, 220V, 400W, 4P Capacitor start & run		Shingle phase, 220V, 550W, 4P Capacitor start & run	
Full load current	A	2.4/2.5 (220/230V)	2.0	3.6	2.8	3.6	3.3
Oil capacity	mL	500 – 800		1,000		1,100	
Recommended oil		SO-M		SO-M		SO-M	
Weight	kg	14.1		25.4		29.4	
Inlet port diameter	mm	KF-25		KF-25		KF-25	
Ambient temperature	°C	7 – 40		7 – 40		7 – 40	
Overall dimensions	mm	165.5(W) × 419(L) × 222.7(H)		170(W) × 493(L) × 241.1(H)		170(W) × 541.5(L) × 241.1(H)	

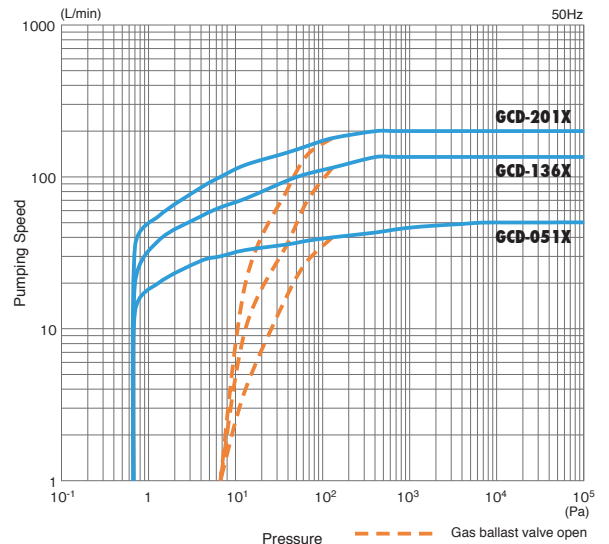
\* : Ultimate pressure is measured by Pirani gauge. (In case of macleod gauge, the rate is one digit smaller than this rate.)

**Corresponding voltage and Certificate**

Model	Voltage	Order Code	CE Marked	TUV Marked	cTUVus Marked
GCD-051X	Single phase, 100V	A41778000001	—	—	—
	Single phase, 200V	A41778100000	—	—	—
	Single phase, 220-230V	A41778200000	—	—	—
GCD-136X	Single phase, 100V	A41780000006	—	—	—
	Single phase, 200V	A41780000001	—	—	—
	Single phase, 220V	A41780000002	—	—	—
	Three phase, 200V	A41780000003	—	—	—
GCD-201X	Single phase, 100V	A41790000001	—	—	—
	Single phase, 200V	A41790000005	—	—	—
	Single phase, 220V	A41790000002	—	—	—
	Three phase, 200V	A41790000007	—	—	—

— : Not Available, ✓ : Available

**Pumping speed curves**



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