

# Diaphragm Type Dry Vacuum Pumps

## DTC-22A/DTC-22B



### Anti-Corrosion Type, DTC Series

#### ■ Features

- All contacted parts of the gas are made of PTFE and FPM
- Suitable for pumping out corrosive gas or organic solvent
- High vacuum down to 1000Pa
- Compact

#### ■ Applications

- Rotary evaporator
- Evaporating system
- Vacuum concentrator
- Vacuum filtration
- Exhaust of gas-transfer tube
- Vacuum drying systems
- Laser-gas circulation
- Centrifuge
- Medical/Pharmaceutical equipment
- Analysis/scientific equipment

### ■ Specifications

Model	Unit	DTC-22A		DTC-22B	
		50Hz	60Hz	50Hz	60Hz
Actual pumping speed	L/min	20		24	
	M <sup>3</sup> H	1.2		1.44	
	CFM	0.71		0.85	
Ultimate pressure	Pa (kPa)	1.0 × 10 <sup>3</sup> (-100.3)			
	Torr	7.50			
	mbar	10.0			
Motor	AC	115V		220V	
		Single phase, 50W, 4P, Capacitor run			
Noise value	dB(A)	54			
Full load current	A	1.2	1.32	0.6	0.72
Weight	kg	7.1			
Inlet port diameter	mm	O.D. dia.10 × I.D. dia.6 (G1/4)			
Ambient temperature	°C	0-40			
	°F	32-104			
Overall dimensions	mm	142(W) × 288.5(L) × 202(H)			

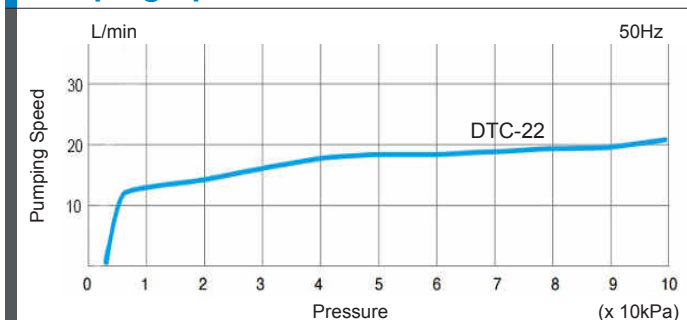
### ■ Vacuum Pump Guide

Assembly No.	Components	Applicable products
DTC22A115RERKIT (115V)	DTC-22A Dry Vacuum Pump 115V 5' of 8mm ID Rubber Hose Hose Clamp	RE-200/210/301/601/801 Rotary Evaporator
DTC22B220RERKIT (220V)	DTC-22B Dry Vacuum Pump 220V 5' of 8mm ID Rubber Hose Hose Clamp	

### ■ Corresponding Voltage and Certificate

Model	Voltage	CE Marked	TUV Marked	cTUVus Marked
DTC-22A	Single phase, 115V	●	●	●
DTC-22B	Single phase, 220V	●	●	●

### Pumping Speed Curves



### Outline Drawings

