

Diaphragm Type Dry Vacuum Pumps

DTC Series

DTC-22 DTC-41 DTC-60

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 equipments
- Analytical/scientific equipments



Specifications

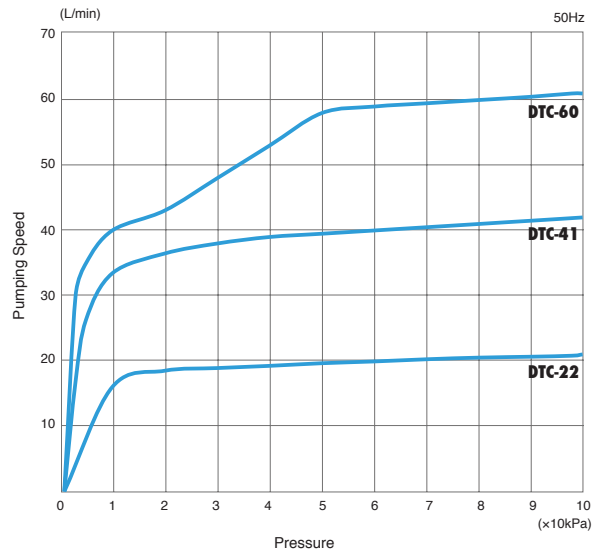
Model		DTC-22B		DTC-41		DTC-60	
	Unit	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Actual pumping speed	L/min	20	24	40	46	60	70
Ultimate pressure	Pa	1.0 × 10 ³		1.0 × 10 ³		1.0 × 10 ³	
Motor		Single phase, 220V, 50W, 4P, Capacitor run		Single phase, 220V, 100W, 4P, Capacitor run		Single phase, 220V, 200W, 4P, Capacitor run	
Full load current	A	0.6	0.72	1.1		2.0	2.1
Weight	kg	7.3		10.3		18.0	
Inlet, outlet pipe diameter	mm	O.D. dia.10 × I.D. dia.6 (G1/4)		O.D. dia.10 × I.D. dia.6 (G1/4)		O.D. dia.14 × I.D. dia.9 (G3/8)	
Ambient temperature	°C	0 – 40		0 – 40		0 – 40	
Overall dimensions	mm	142(W) × 288.5(L) × 202(H)		155(W) × 336.5(L) × 217(H)		158(W) × 340(L) × 242(H)	

Corresponding voltage and Certificate

Model	Voltage	Order Code	CE Marked	TUV Marked	cTUVus Marked
DTC-22	Single phase, 100V	A42001700000	—	—	—
DTC-22A	Single phase, 115V	A42001900001	✓	✓	✓
DTC-22	Single phase, 200V	A42001720000	—	—	—
DTC-22B	Single phase, 220V	A42002000001	✓	✓	✓
DTC-22C	Single phase, 230V	A42002100001	✓	✓	✓
DTC-41A	Single phase, 100V	A42730000004	✓	—	—
DTC-41	Single phase, 200V	A42738200000	—	—	—
	Single phase, 220V	A42738300000	—	—	—
DTC-41B	Single phase, 230V (50Hz)	A42730000005	✓	—	—
DTC-60	Single phase, 100V	A42668000000	—	—	—
	Single phase, 115V (60Hz)	A42668100000	—	—	—
	Single phase, 200V	A42668200000	—	—	—
	Single phase, 220V	A42668300000	—	—	—

— : Not Available, ✓ : Available

Pumping speed curves



* Further details can be found on our website. Outside drawing appears in Page 46.