

Diaphragm Type Dry Vacuum Pump DAP Series

Features

Diaphragm type pump creates vacuum by reciprocating movement of rubber diaphragms.

Pump structure creates an Oil-free environment and maintenance easy.

DAP series is the smallest diaphragm pump from our product ranges and offers pumping speed at 6L and 12 L/min at 50Hz.

Applications

- Vacuum chucks, wafer and tip handling devices.
- Vacuum tweezers, medical appliances.
- Printing equipment.
- Automatic packing machines.
- Optical appliances.
- Sterilizer.



DAP-6D



DAP-12S

Specifications

Model		DAP-6D		DAP-12S	
	Unit	50Hz	60Hz	50Hz	60Hz
Actual pumping speed	L/min	6	7	12	14
	m ³ /h	0.36	0.42	0.72	0.84
	CFM	0.21	0.25	0.42	0.49
Ultimate pressure	Pa (kPa)	6.65 × 10 ³ (-94.7)		24.0 × 10 ³ (-77.3)	
	Torr	49.9		180	
	mbar	66.5		240	
Motor		Single phase, 220 – 230V, 10W, 4P, Capacitor run		Single phase, 220 – 230V, 10W, 4P, Capacitor run	
Full load current	A	0.25		0.25	
Weight	kg	1.9		1.9	
Inlet, outlet pipe diameter	mm	(Rc 1/8)		(Rc 1/8)	
Ambient temperature	°C	0 – 40		0 – 40	
	°F	32 – 104		32 – 104	
Overall dimensions	mm	93(W) × 163(L) × 100.6(H)		93(W) × 163(L) × 100.6(H)	

Corresponding voltage and Certificate

Model	Voltage	CE Marked	TUV Marked	cTUVus Marked
DAP-6D	Single phase, 100V	—	—	—
	Single phase, 200V	—	—	—
	Single phase, 220 – 230V	—	—	—
DAP-12S	Single phase, 100V	—	—	—
	Single phase, 200V	—	—	—
	Single phase, 220 – 230V	—	—	—

— : Not Available, ✓ : Available

Pumping speed curves

