

PWM and Tach Output DC Fan with Potting

08025VE (D-Type)

NMB

General Specifications

Motor Type:

DC Brushless Motor

Motor Protection:

Auto Restart / Polarity Protection (Motor withstands reverse connection for positive and negative leads.)

Insulation Resistance:

10MΩ or over with a DC 500V Megger

Dielectric Withstand Voltage:

AC 500V 1min or AC 700V 1sec

Allowable Ambient Temperature Range:

-10°C ~ + 60°C (Operating)

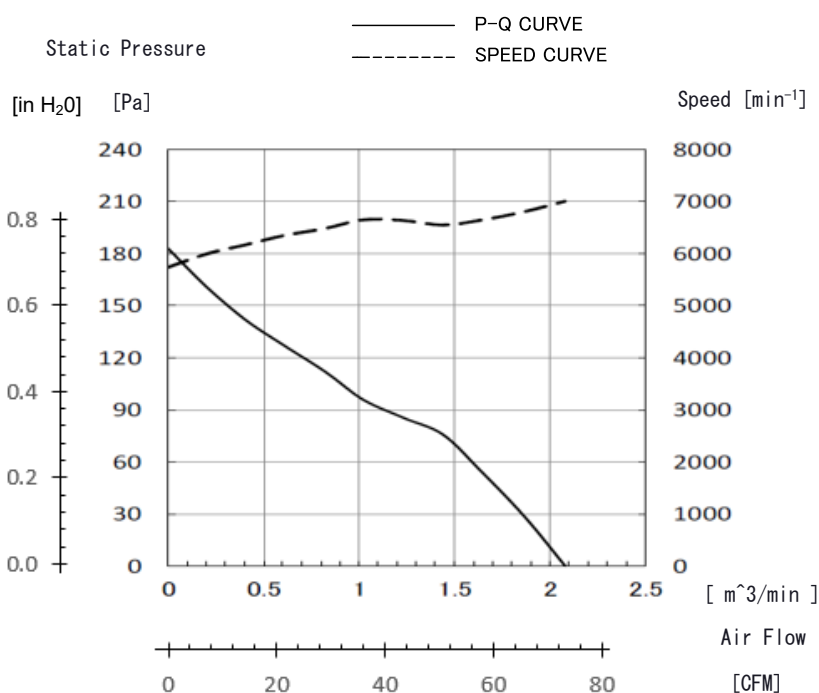
-40°C ~ + 70°C (Storage)

(non-condensing environment)



*For reference only. Please see fan outline for details

Characteristic Curves



Features

- DC axial fan with outstanding P-Q performance, PWM speed control, tach output and IP68 potting
- Vertically integrated manufacturing, with components made in-house
- IP68 potting offers highest level of protection from water/dust ingress
- Outfitted with NMB precision machined stainless steel ball bearings for long life
- Ideal for applications such as EV chargers, PV inverters, telecom cabinets, small cell 5G network and outdoor applications

Life Expectancy L10

40,000 Hours at 60 Celsius

*Fan life expectation is based on free air operation at 60°C, rated voltage, and indoor benign lab environment

*1: Values in Free Air

Specifications

MODEL	Rating Voltage (V)	Operating Voltage (V)	Current		Input Power		Speed Inlet/Outlet (RPM)	Max. Air Flow		Max. Static Pressure		Noise (dB) ^{*1}	Mass (g)
			Avg (A) ^{*1}	Max (A) ^{*1}	Avg (W) ^{*1}	Max (W) ^{*1}		(CFM)	(m ³ /min)	(in H ₂ O)	(Pa)		
08025VE-24P-CUD-2	24	14 to 24.6	0.28	0.36	6.72	8.68	7,000	73.1	2.07	.76	189.6	53	120

