

PWM and Tach Output Brushless DC Fan **04056DA-12T (E-Type)**

NMB

General Specifications

Motor Type:

DC Brushless Three Phase 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 700V 1sec or 500V 1min

Allowable Ambient Temperature Range:

-10°C ~ + 60°C (Operating)

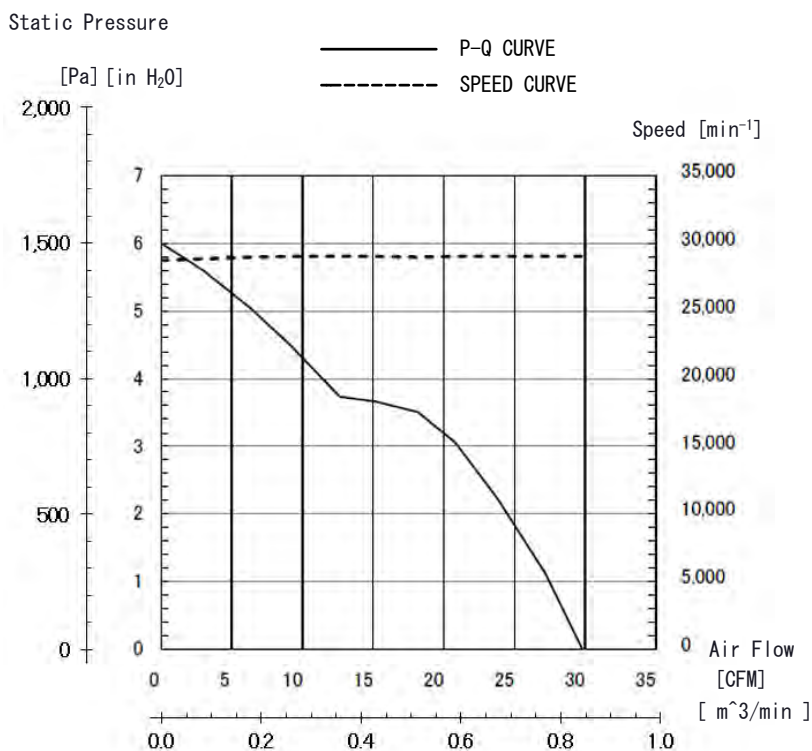
-40°C ~ + 70°C (Storage)

(non-condensing environment)



**For reference only. Please see fan outline for details.*

Characteristic Curves



Features

- High performance counter rotating fan with four wires and PWM with Tach signal
- Efficient motor technology, high torque, and aerodynamic impeller design
- Energy saving, low vibration, and increased life expectancy
- Available in 12 volts
- Outfitted with NMB precision machined ball bearings for long life

Life Expectancy L10

70,000 Hours at 40°C

**Fan life expectation is based on free air operation at 40°C, rated voltage, and indoor benign lab environment*

**1: Values in Free Air*

Specifications

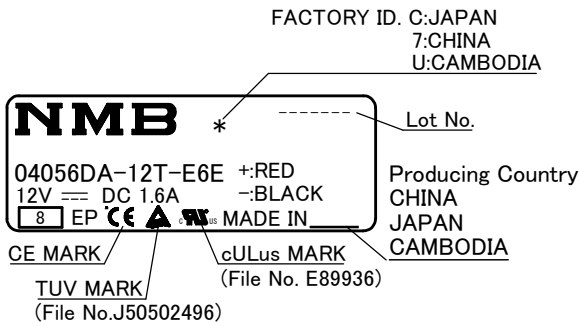
MODEL	Rating Voltage (V)	Operating Voltage (V)	Current (A) ^{*1}		Input Power (W) ^{*1}		Speed Inlet/Outlet (min ⁻¹) ^{*1}	Max. Air Flow		Max. Static Pressure		Noise (dB) ^{*1}	Mass (g)
			Avg	Max	Avg	Max		(CFM)	(m ³ /min)	(in H ₂ O)	(Pa)		
04056DA-12T-E6E-8	12	10.8 to 13.2	1.3	1.6	15.6	19.2	29,000	29.8	0.80	6.00	1495	60	66

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Outlines

(Name Plate)



Materials

Casing: Plastic (Black UL94V-0)

Impeller: Plastic (Black UL94V-0)

Bearing: Ball Bearing

Lead Wire: UL10368 AWG28 or Equivalent

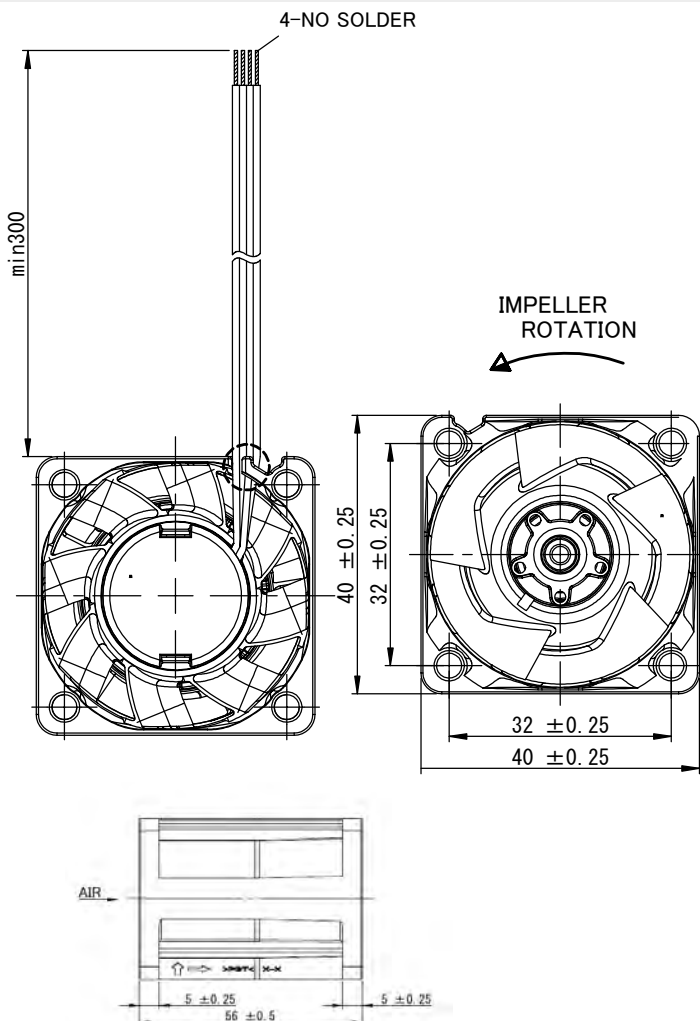
(+)/Red

(-)/Black

(TACH)/White

(PWM)/Brown

(Outline)



(Panel Out-line)

