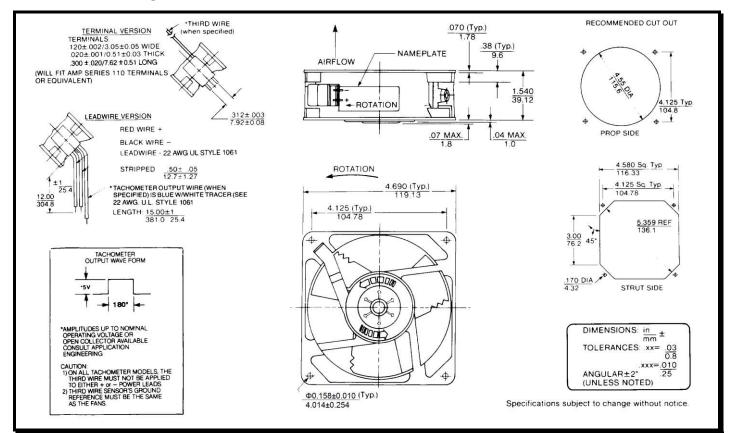
# **SPECIFICATIONS**

Model Number: Part Number: MDD24K1E2X-E3 17001166A Version:00 Jun. 12, 2018



#### **Mechanical Drawing:**



### Motor:

- Nominal Voltage Operating Voltage Range Nominal Running Current Locked Rotor Current Running Power Average Speed Bearings Air Flow Acoustic
- = 24 vdc = 16 - 32vdc = 0.34 amps = 0.75 amps = 8.2 watts = 3650 rpm = Ball = 125 CFM = 53.5 dBA

#### **Construction:**

Venturi: Die-Cast Aluminum, Black Propeller: Plastic, Black, UL 94V-0

## Life Expectancy:

This fan is designed for continuous duty life of 55,000 hours at 70°C.

## **Termination:**

12"±1"(304.8±25.4mm) 22AWG UL1061 Leadwires Red = Power(+) Black = Return(-) Blue/White = Tach output Yellow = PWM control

## **Additional Features:**

Brushless DC Motor Automatic Restart Capability Electronic Locked Rotor Protection Polarity Protected Operating Temperature: -10°C to 70°C Storage Temperature: -40°C to 85°C Environmental Protection: Type 3(IP68)

#### **Tachometer:**

Output: Open Collector Ic: 20 mA max. Vcc: 32 Vdc max. Pulses per Revolution: 2 Isolated: No

#### **Speed Control:**

PWM: 200 ~ 2 KHz, Open Collector <10% Duty: Off 10%~95% Duty: Linear Ramp >95% Duty or Open Lead Wire: Full Speed

## Agencies:

UL, CUL, CE

## **PQ Curve:**

