

SPECIFICATIONS

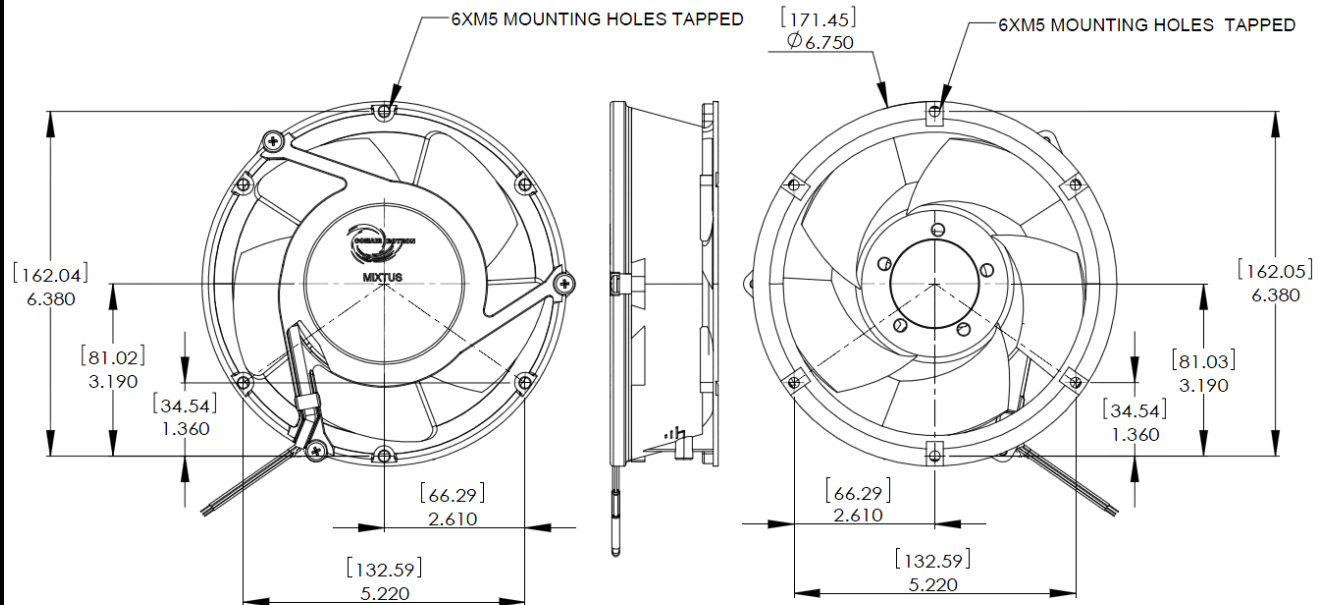
(RoHS Compliant)



Model Number: MFXE24Z3E2X-E2
Part Number: 17001592A

Rev: 01
Oct 16, 2020

Mechanical Drawing:



Motor:

Nominal Voltage = 24 vdc
 Operating Voltage Range = 16 - 32vdc
 Nominal Running Current = 3.1 amps
 Max. Locked Rotor Current = 3.9 amps
 Running Power = 74.4 watts
 Average Speed = 5400 rpm
 Bearings = Ball
 Air Flow = 400 CFM
 Acoustic = 69 dBA
 Weight = 1.0Kg

Construction:

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

Life Expectancy:

This fan is designed for continuous duty life of 75,000 hours at 40°C.

Termination:

12" length lead wires, 20AWG, UL 1007

Red = Power(+)
 Black = Ground(-)
 Blue = Tach output
 Yellow = Speed control

Agency Approvals:

UL, CUL, CE

Additional Features:

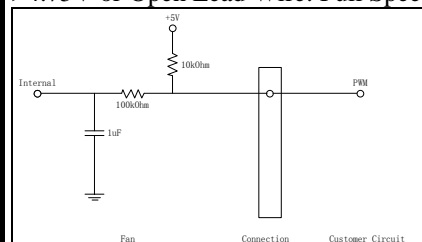
Brushless DC Motor
 Locked Rotor Protection
 Reverse Polarity Protected
 Automatic Restart Capability
 Operating Temperature: -20°C to 70°C
 Storage Temperature: -40°C to 85°C
 Enviroschild Type2

TACHOMETER:

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

Speed Control:

PWM: 200 ~ 20 KHz, Open Collector
 <10% Duty: Off ; 10%~95% Duty: Linear Ramp
 >95% Duty or Open Lead Wire: Full Speed
 OR 0-5V
 <0.5V : Off ; 0.5V~4.75V: Linear Ramp
 >4.75V or Open Lead Wire: Full Speed





Comair Rotron Specification Sheet

24V Mixed Flow P-Q Curve

