

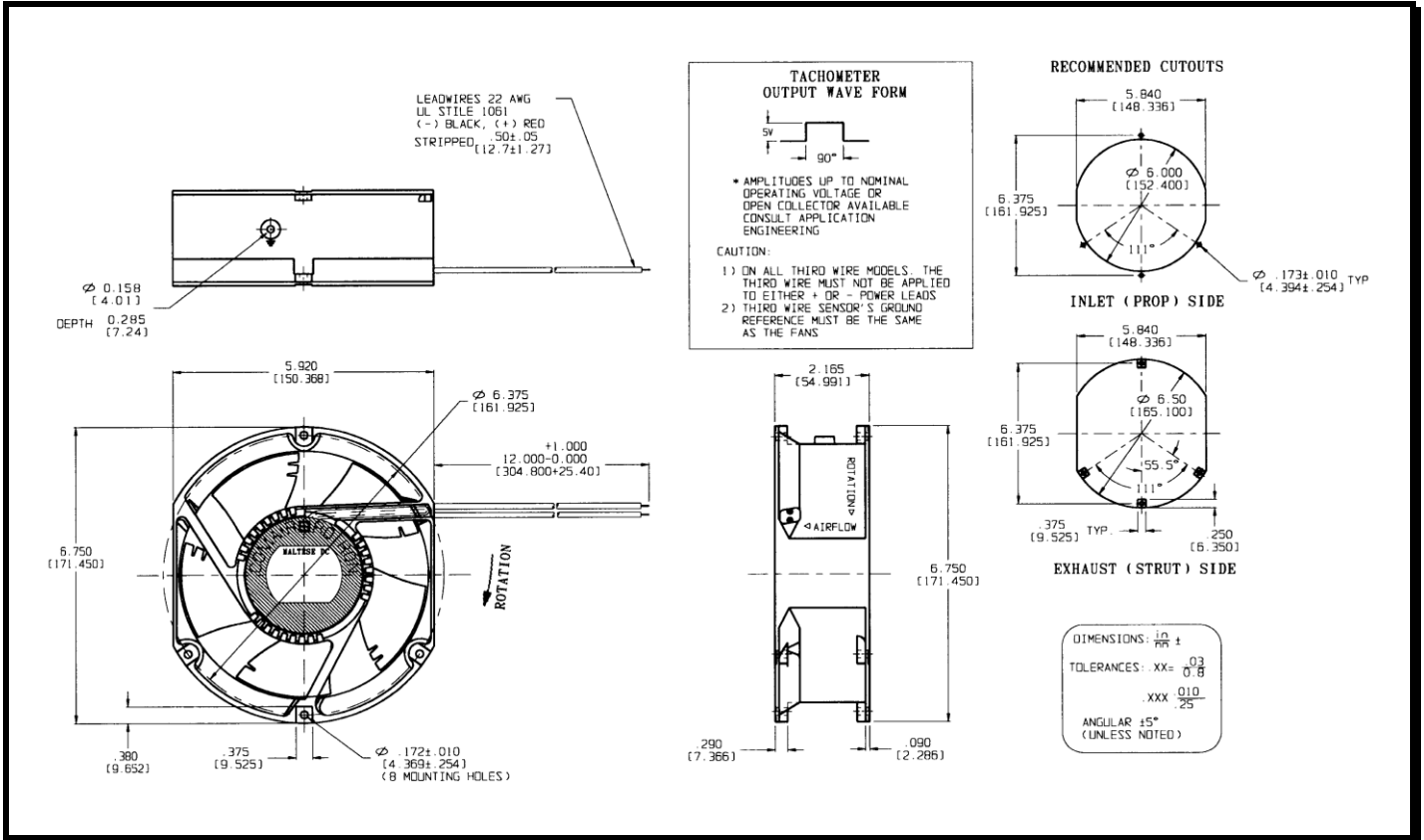
SPECIFICATIONS



Model Number: MT48B6NDNX
Part Number: 19031927A

Version: 02
Feb 26, 2021

Mechanical Drawing:



Motor:

Nominal Voltage = 48 Volts DC
 Operating Voltage Range = 24 to 56 Volts DC
 Nominal Running Current = 0.72 Amps
 Max. Locked Rotor Current = 1.300 Amps
 Running Power = 35 Watts
 Average Speed = 3400 RPM
 Bearings = Ball
 Air Flow = 300 CFM
 Acoustics = 57.1 dBA

Construction:

Venturi: Single piece diecast aluminum, black.
 Propeller: Polycarbonate, UL94V-0 rated, black.

Life Expectancy:

This fan is designed for continuous duty life of 76,000 hours at 40°C

Agency Certification:

UL,CE

Additional Features:

Brushless DC
 Electronic Locked Rotor Protected
 Polarity Protection
 Operating Temperature: -10 °C to +70 °C
 Storage Temperature: -40 °C to +85 °C

Fan Performance Sensor (FPS):

Output: Inverted Open Collector
 Ic: 80mA Max.
 Vc: 60VDC Max.
 Logic Level: Low on Pass, High on Fail
 Delay: 10+/-4 seconds
 Latching: No
 Isolated: No
 Trip Point: 1900 RPM

Termination:

24" Harness Assembly, 22AWG, UL Style 1061
 Molex connector: 03-06-2032
 Molex terminal : 02-06-2101
 PIN1: Red = (+) Fan Power
 PIN2: Black = (-) Fan Ground
 PIN3: Blue/White = FPS Output

PQ Curve:

