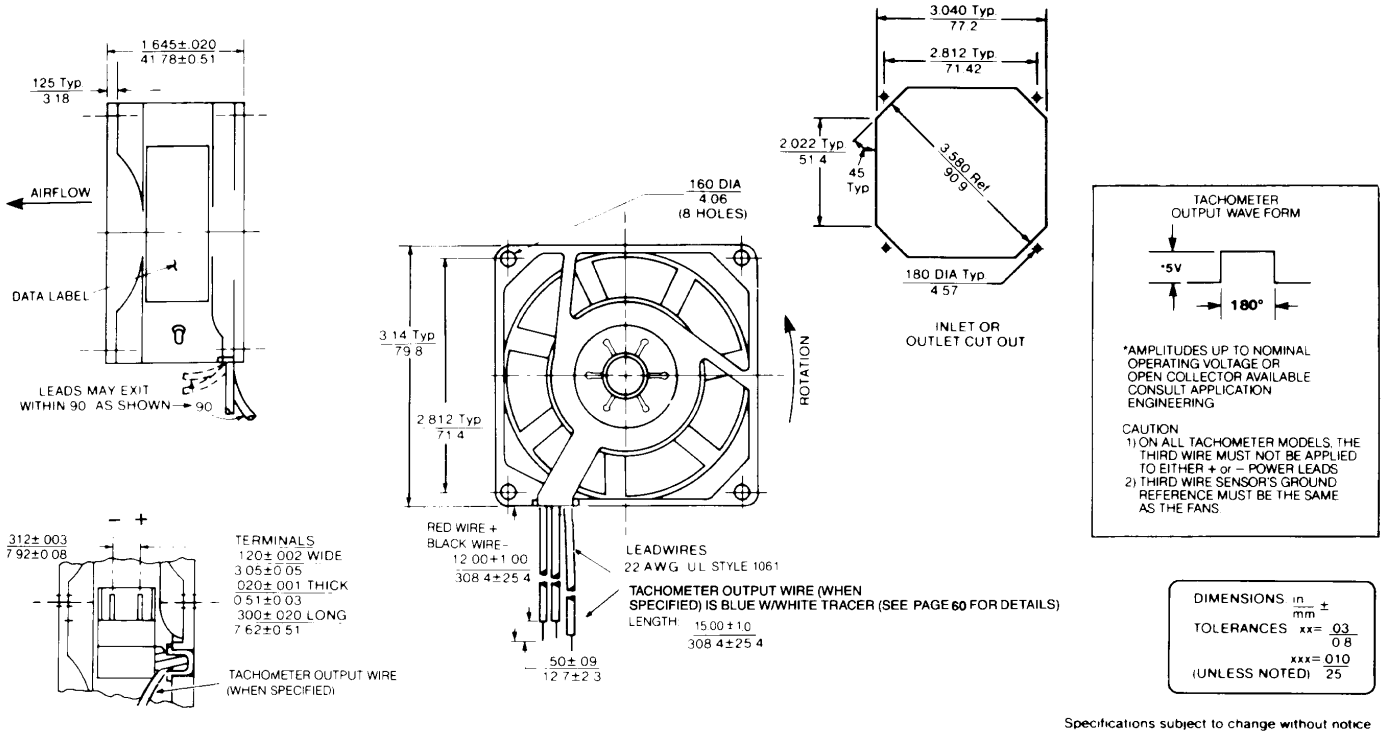
SPECIFICATIONS

(RoHS Compliant)

Model Number: SDD48B1E2X-E3 Version: 00

Part Number: 17001140A Jun 12, 2018

Mechanical Drawing:



Motor:

Nominal Voltage	= 48 vdc
Operating Voltage Range	= 36 – 60vdc
Nominal Running Current	= 0.060 amps
Locked Rotor Current	= 0.6 amps
Running Power	= 3.0 watts
Average Speed	= 3500
Bearings	= Ball
Air Flow	= 35 CFM
Acoustic	= 47.6 dBA

Construction:

Venturi: Single Piece Die-Cast Zinc Alloy, Black
Propeller: Plastic, Black, UL 94V-0

Life Expectancy:

This fan is designed for continuous duty life of 52,000 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: 60 Vdc max.
Pulses per Revolution: 2
Isolated: No

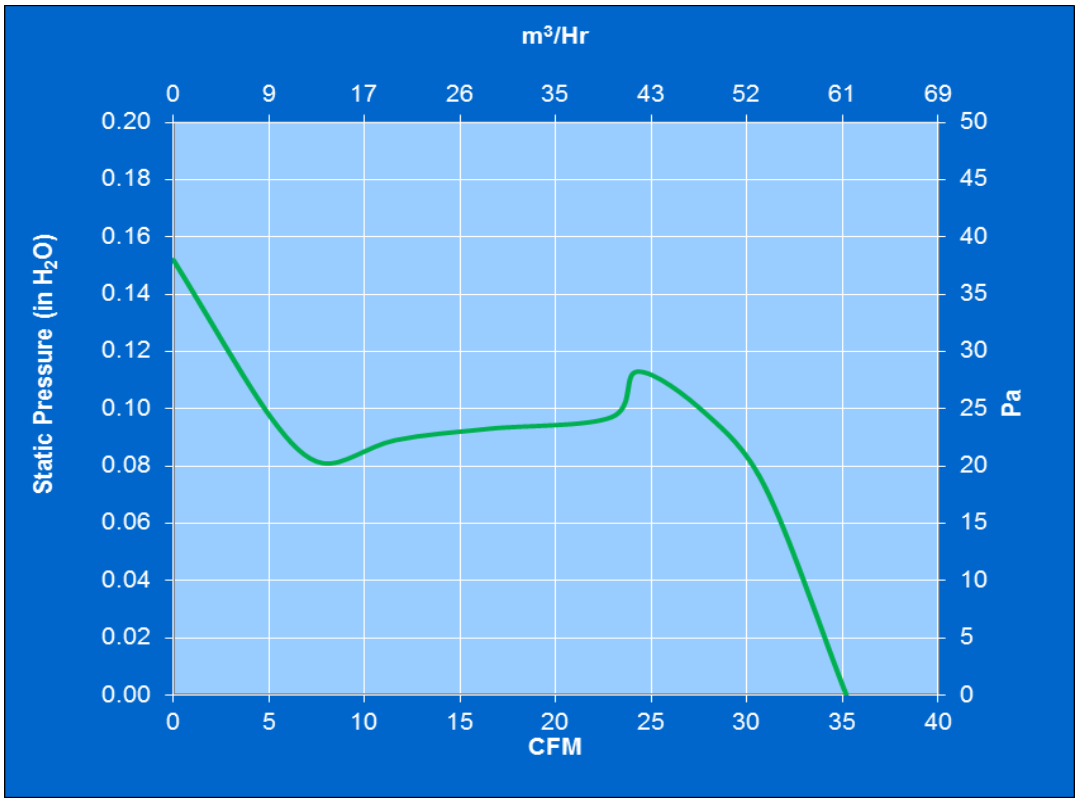
Speed Control:

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:


m³/Hr
0
9
17
26
35
43
52
61
69
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
Static Pressure (in H2O)
50
45
40
35
30
25
20
15
10
5
0
Pa
0
5
10
15
20
25
30
35
40
CFM

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