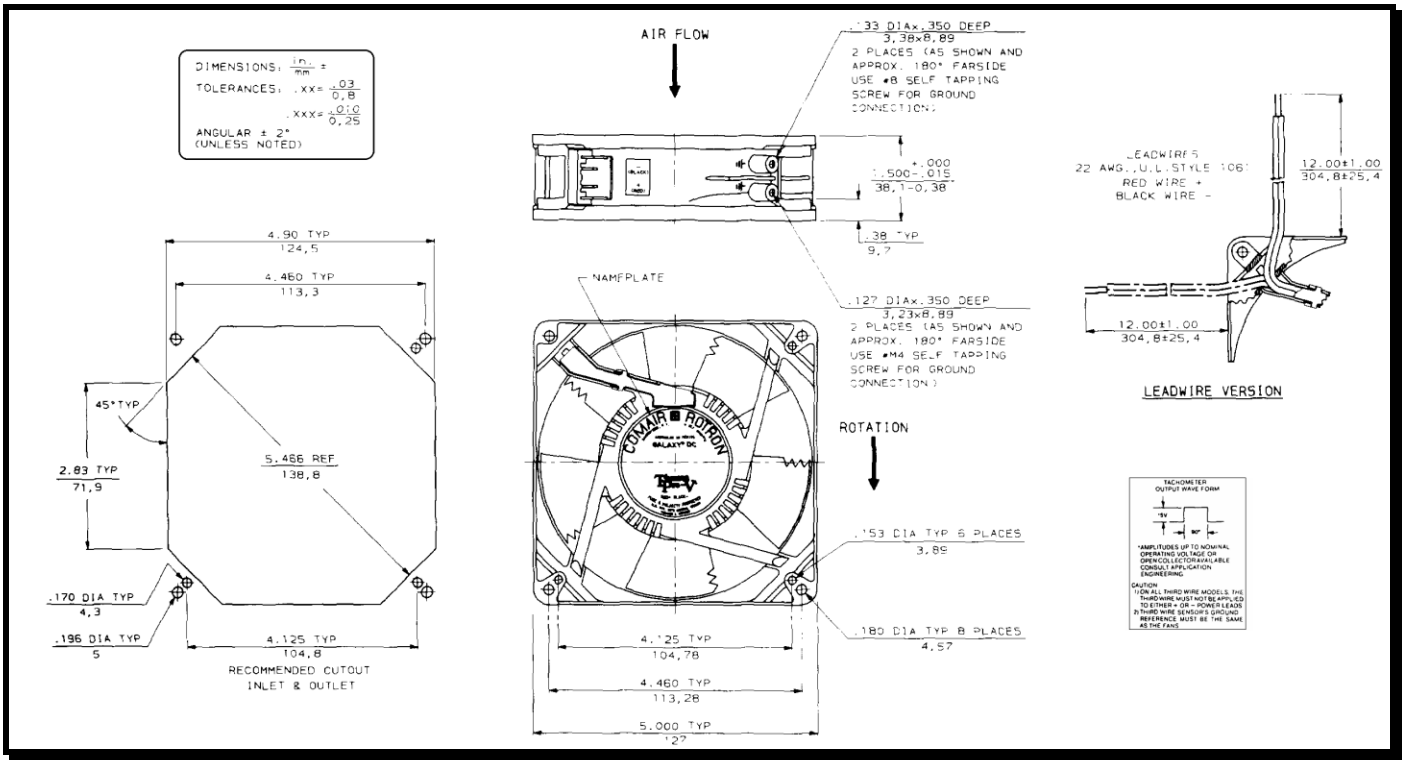
SPECIFICATIONS

RoHS Compliant

Model Number: GLD12B3E2X-E3 Rev：00

Part Number: 17001170A Jun. 12 2018

Mechanical Drawing:



Motor:

Nominal Voltage	= 12V DC
Operating Voltage Range	= 8 – 16V DC
Nominal Running Current	= 1.30 Amps
Max. Locked Rotor Current	= 3.00 Amps
Running Power	= 15.6 Watts
Average Speed	= 3300 RPM
Bearings	= Ball
Air Flow	= 150 CFM
Acoustic	= 53.6 dB(A)

Construction:

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

Life Expectancy:

This fan is designed for continuous duty life of 60,000 hours at 70°C (L10).

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
Solid State Circuitry
Electronic Locked Rotor Protected
Polarity Protection
Automatic Restart

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

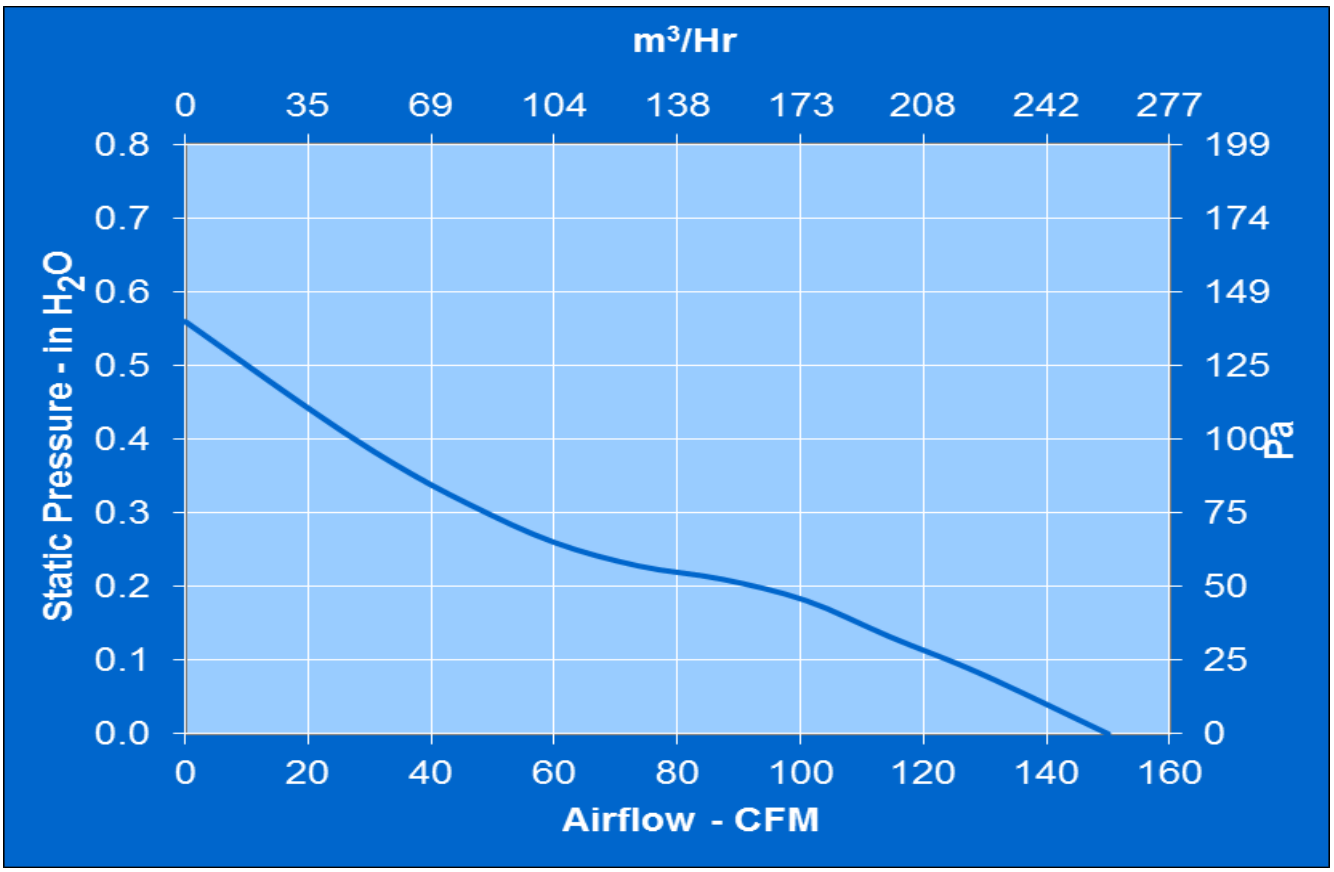
Speed Control:

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

Agency Approvals:

UL, CUL,CE

PQ Curve:


m³/Hr
0
35
69
104
138
173
208
242
277
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Static Pressure - in H2O
199
174
149
125
100
75
50
25
0
Pa
0
20
40
60
80
100
120
140
160
Airflow - CFM