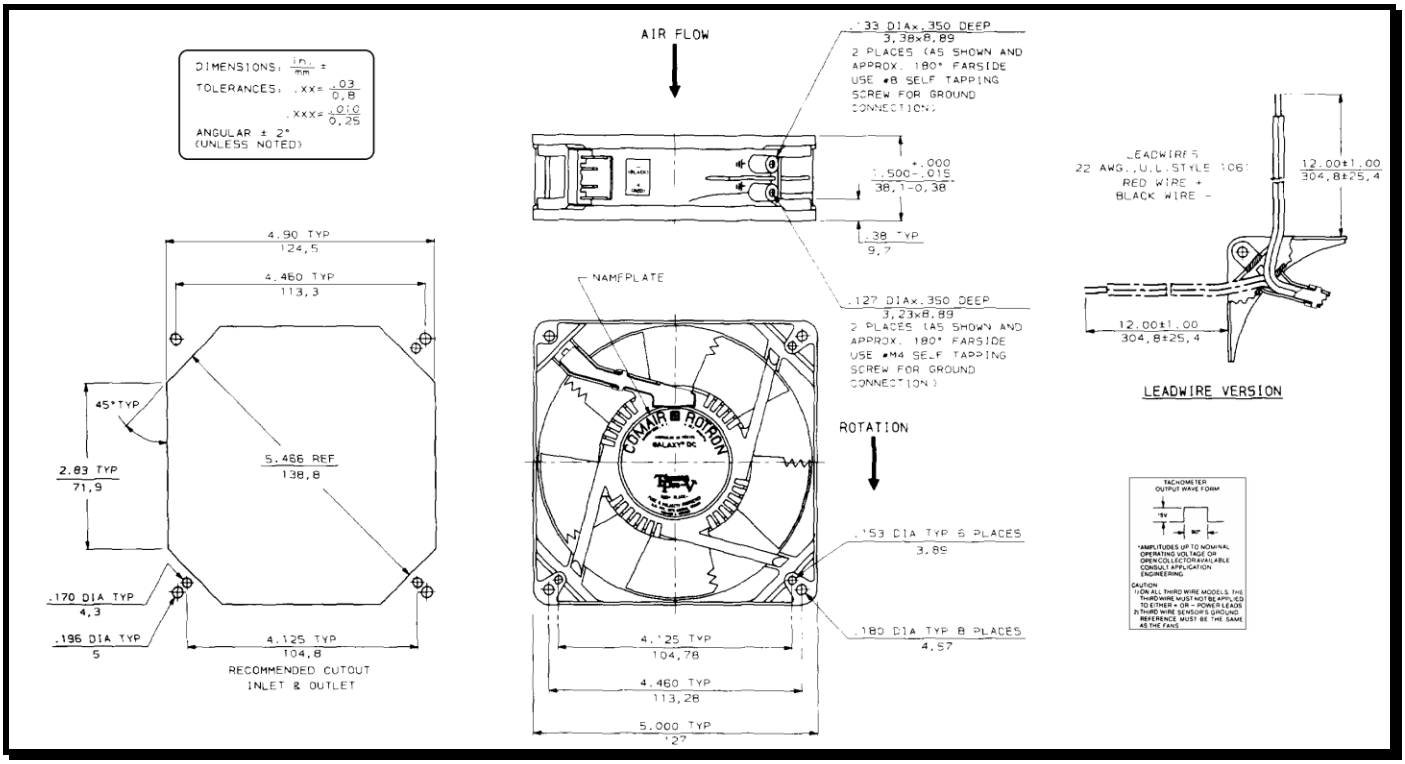
SPECIFICATIONS

RoHS Compliant

Model Number: GLD12Z3E2X-E3 Rev：00

Part Number: 17001176A Jun. 12 2018

Mechanical Drawing:



Motor:

Nominal Voltage	= 12V DC
Operating Voltage Range	= 8 – 16V DC
Nominal Running Current	= 2.63 Amps
Max. Locked Rotor Current	= 5.50 Amps
Running Power	= 31.6 Watts
Average Speed	= 4100 RPM
Bearings	= Ball
Air Flow	= 192 CFM
Acoustic	= 59.4 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

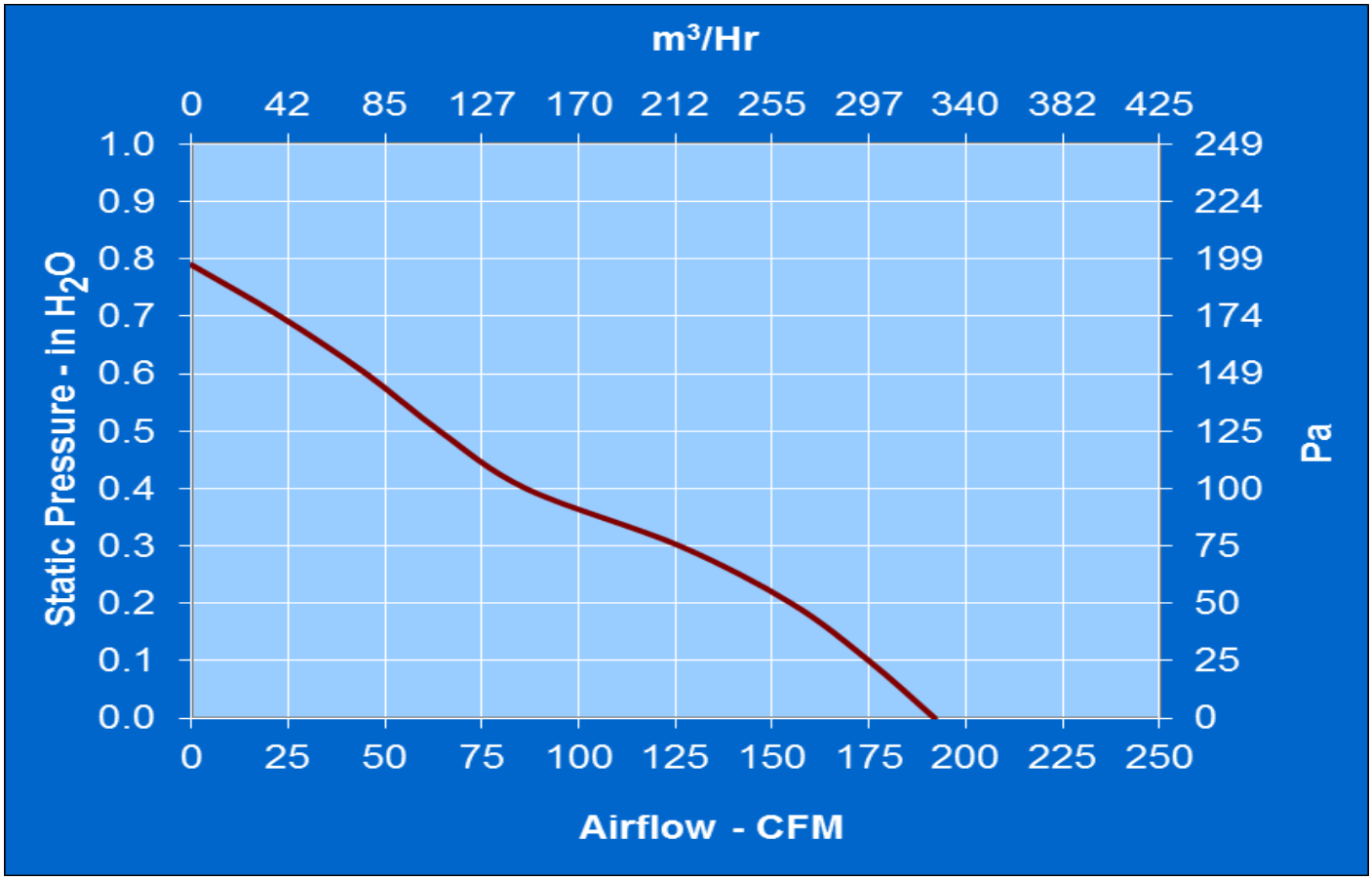
Speed Control:

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 42 85 127 170 212 255 297 340 382 425
1.0 0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0
Static Pressure - in H2O
249 224 199 174 149 125 100 75 50 25 0
Pa
0 25 50 75 100 125 150 175 200 225 250
Airflow - CFM

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