

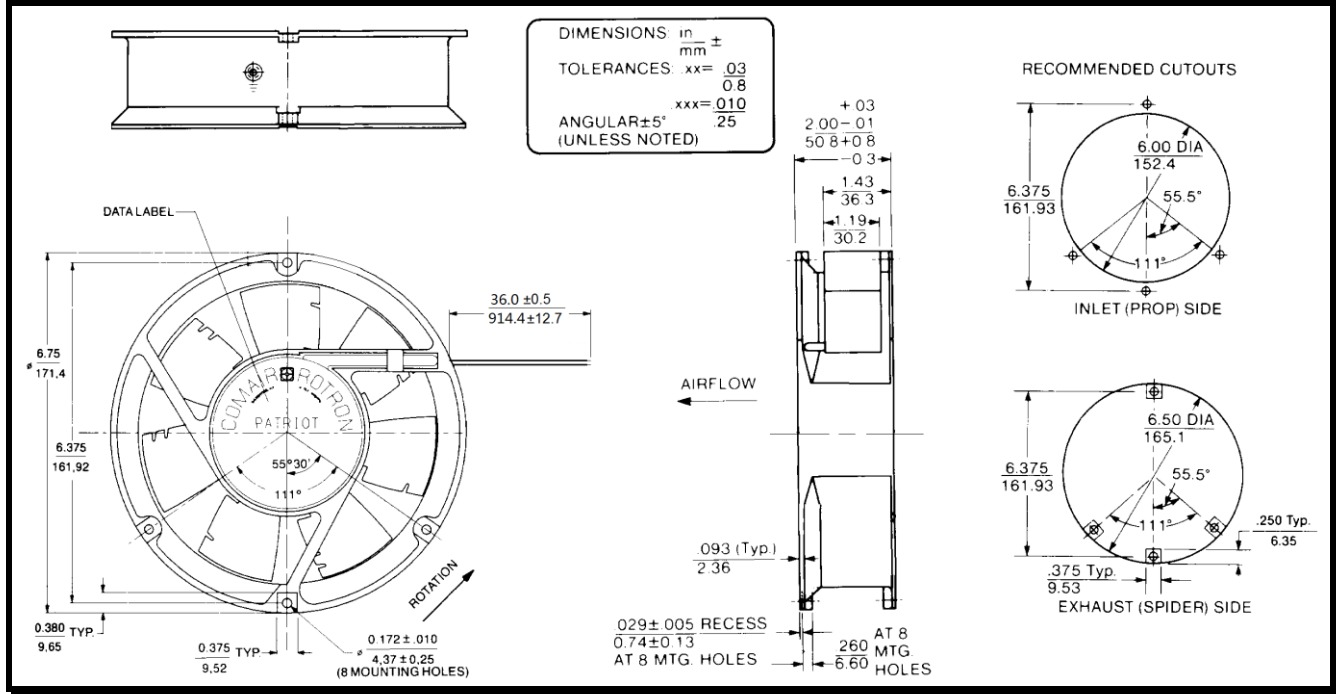
SPECIFICATIONS

Model Number: PQD24Z3E2X-E3
Part Number: 17001195A

Rev: 00
Jun 12, 2018



Mechanical Drawing:



Motor:

Nominal Voltage = 24 vdc
Operating Voltage Range = 16 – 32 vdc
Nominal Running Current = 1.30 amps
Locked Rotor Current = 3.00 amps
Running Power = 31.2 watts
Average Speed = 4500 rpm
Bearings = Ball
Air Flow = 305 CFM
Max. Static Pressure = 1.37" H₂O
Acoustic = 60.4 dBA

Construction:

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

Termination:

12" \pm 1" (304.8 \pm 25.4mm) 22AWG UL1061 Leadwires
Red = Power(+)
Black = Return(-)
Blue/White = Tach output
Yellow = PWM control

Additional Features:

Brushless DC Motor
Soft Start Inrush Current
Electronic Locked Rotor Protection
Polarity Protected
Automatic Restart Capability
Operating Temperature: -10°C to 70°C
Storage Temperature: -40°C to 85°C
Environmental Protection: Type 3(IP68)

TACHOMETER:

Output: Open Collector
I_c: 20 mA max.
V_{cc}: 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:

