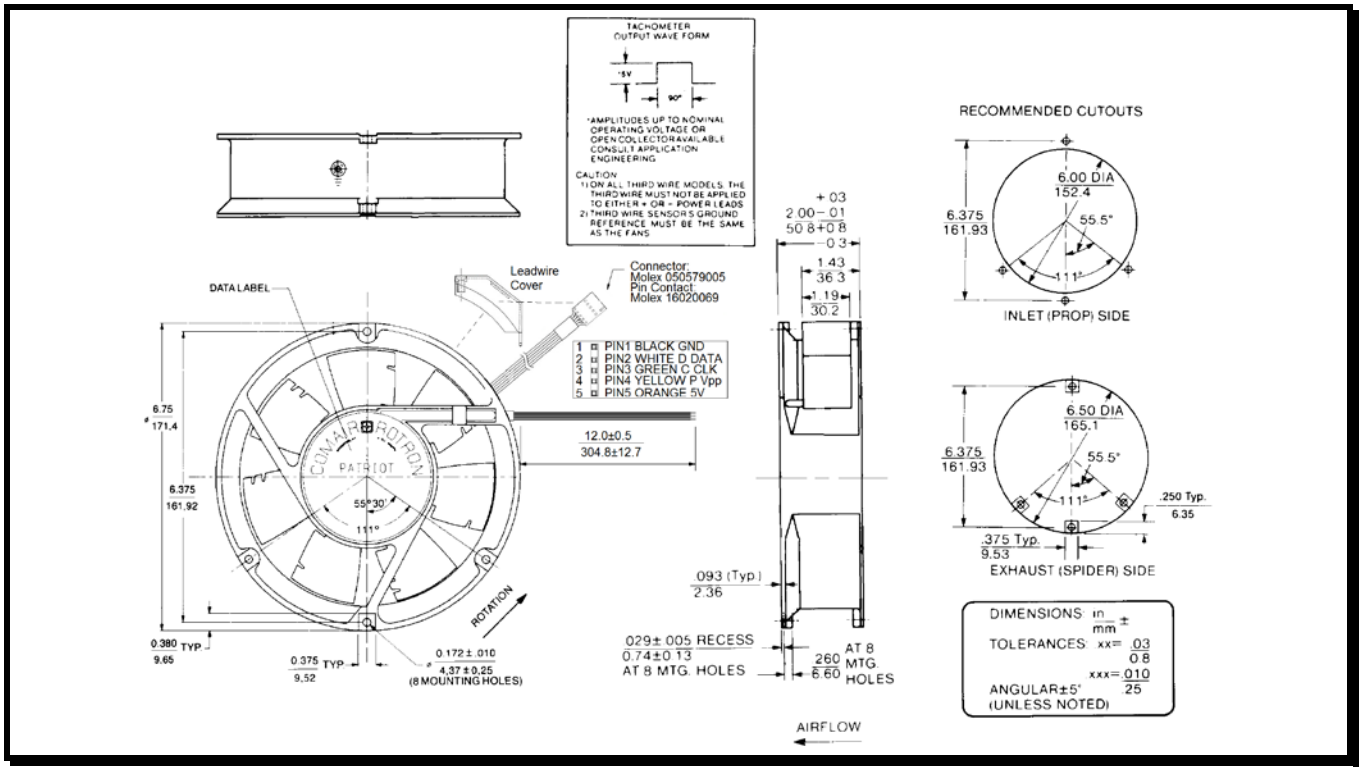
SPECIFICATIONS

(RoHS Compliant)

Model Number: PQD48Z3A2
Part Number: 19039696A

March 08, 2016

Mechanical Drawing:



Motor:

Nominal Voltage	= 48 vdc
Operating Voltage Range	= 24 – 72 vdc
Nominal Running Current	= .720 amps
Locked Rotor Current	= 1.250 amps
Running Power	= 35 watts
Average Speed	= 4450 rpm
Bearings	= Ball
Air Flow	= 300 CFM
Static Pressure	= 1.30” of Water
Acoustic	= 60.2 dBA

Construction:

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

Agency Approvals:

UL, cUL, CE, UL 507

Life Expectancy:

This fan is designed for continuous duty life of 50,000 hours at 40°C.

Additional Features:

Brushless DC Motor
Soft Start Inrush Current
Electronic Locked Rotor Protection
Polarity Protected
Automatic Restart Capability

Operating Temperature:	-40°C to 85°C
Storage Temperature:	-40°C to 85°C
Programmable:	PWM Input, 5 volt TTL
0% Duty:	Off
100% Duty:	4450 RPM

Tachometer Specifications:

Output:	5 volt TTL compatible
Ic:	5 mA. Typ.
Pulses per Revolution:	2
Isolated:	No

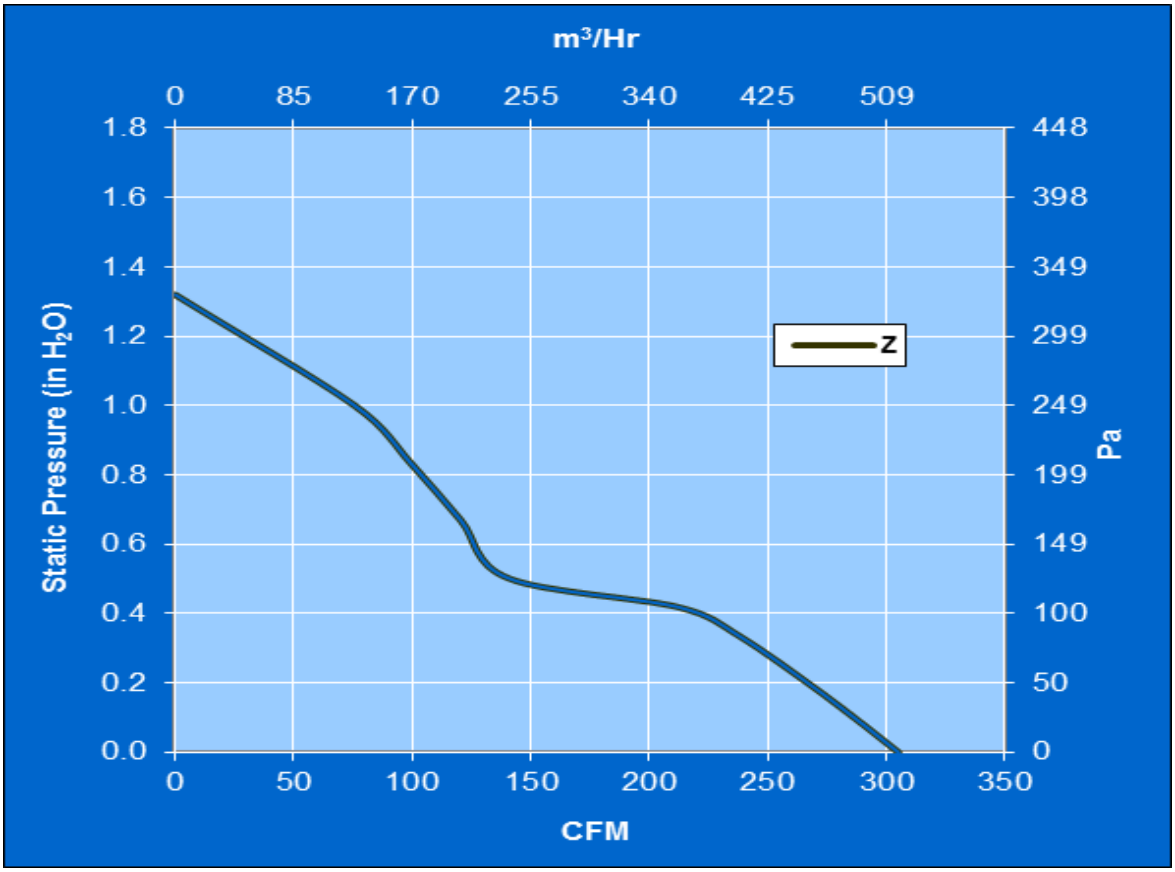
Termination:

12” Leadwires, 22 AWG, UL 1061

Red - Power (+)	Blue/White - Tachometer
Black - Return (-)	Yellow - Program Lead

2” Programmable harness,
Connector, Molex 050579005
Pin Contact, Moelx 16020069

PQ Curve:


m³/Hr
0
85
170
255
340
425
509
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Static Pressure (in H₂O)
448
398
349
299
249
199
149
100
50
0
Pa
Z
0
50
100
150
200
250
300
350
CFM

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