2422FT (60□ x 56L)

NMB TurboFan
PATENT PENDING

General Specifications

Motor Protection:
Auto Restart/Polarity Protection/Hot Swap: Available

Insulation Resistance:
min 10M Ω by DC500V Megger

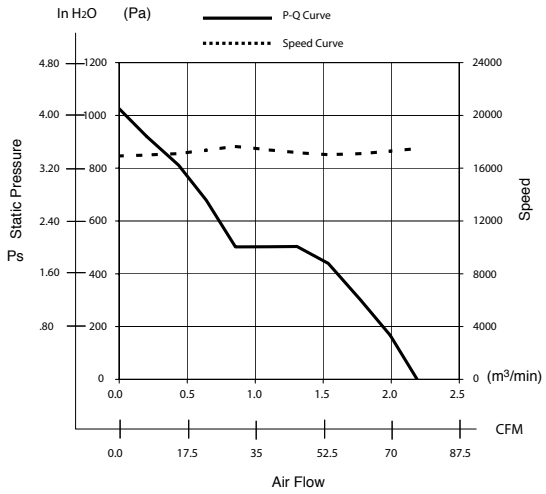
Dielectric Withstand Voltage: AC 700V 1s

Allowable Ambient Temperature Range:
-10°C ~ +60°C (Operating)
-40°C ~ +60°C (Storage)
(non-condensing environment)

Expected Life

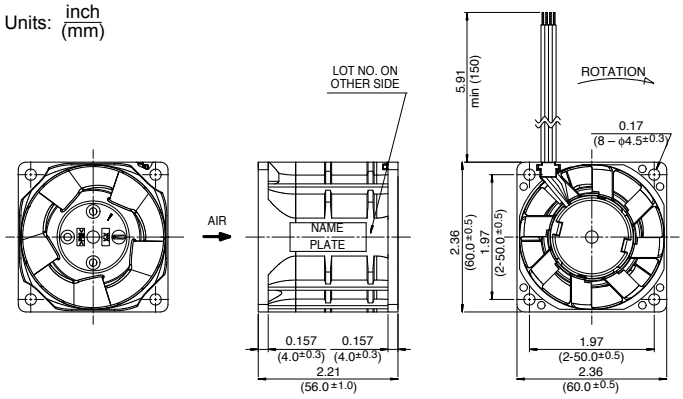
Failure Rate: 10%
40°C 60,000 Hours

Characteristic Curves

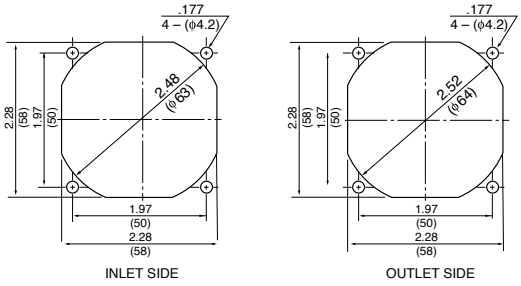


Outline

Units: inch (mm)



Panel Cut-outs



Material

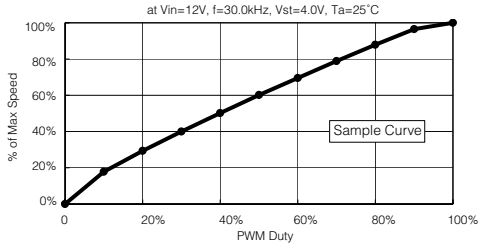
Casing : Plastic (Black) 94V-0
Impeller : Plastic (Black) 94V-0
Bearing : Ball Bearing
Lead Wire : UL3385, AWG24, +Red, -Black
Tach Sig. : White PWM Control : Brown

PWM Control Voltage

Vst = 0V ~ 0.3V	Low Speed Duty 0% = Low Speed
Vst = 3.5V ~ 4.5V	High Speed Duty 100% = Full Speed
Vst = Open	High Speed Duty 100% = Full Speed

I_{PWM} = max 1.2mA
(At Ta = 25°C, rated voltage + 12VDC and f=30.0 kHz)

Reference PWM Duty vs Speed Curve



Specifications

MODEL	Product No.	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
		(V)	(V)	(A)*1	(W)*1	(min-1)*1	CFM*1	(m3/min)*1	in H2O	(Pa)*1	(dB)*1	(g)
2422FT-D4W-B86-	EXX	12	10.8 ~ 13.2	2.65	31.80	17,500	77.3	2.19	4.11	1025.0	66.0	162

Rotation: Clockwise Airflow Outlet: Air Out Over Struts *1: Average Values in Free Air