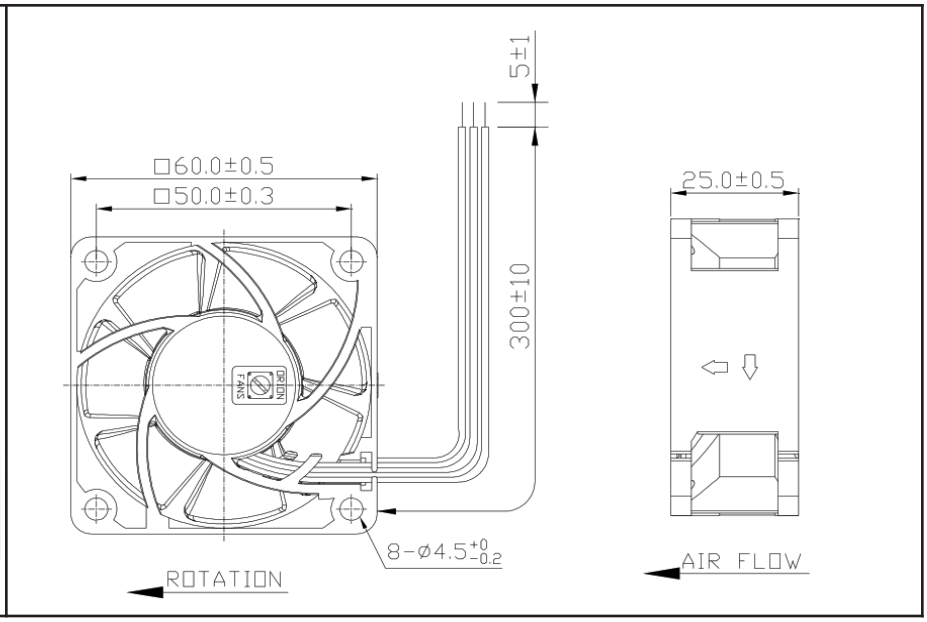
OD6025-24HB02A

DC Fan - 24V

60x25mm (2.36”x 1.0”)



Frame & Impeller	PBT, UL94V-O plastic
Connection	3X Lead wires 24AWG Red+, Black-, Yellow Alarm
Motor	Brushless DC, auto restart, polarity protected
Bearing System	Dual Ball bearing
Insulation Resistance	10M ohm between leadwire and frame (500VDC)
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp

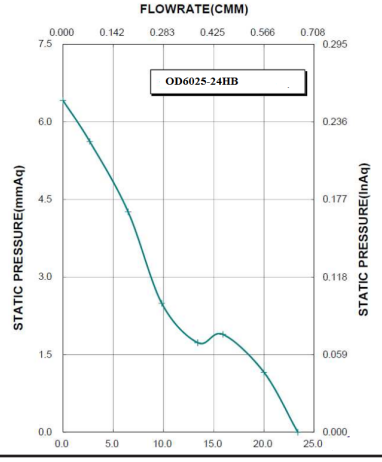
Options:
Alarm - Open Collector

Life Expectancy (L10)
Ball - 70,000 hrs (40C)

Operating Temperature
Ball: -10C ~ +70C
Storage Temperature
-40C ~ +80C

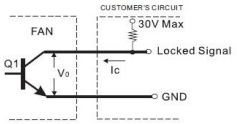
Weight: ~ 0.15 lbs

m1 Rev C



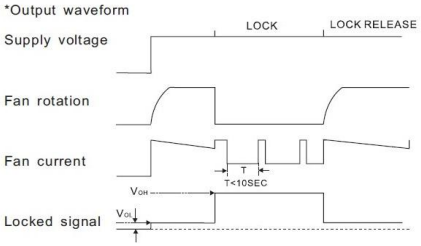
Model Number	OD6025-24HB02A
Part Number	163141231
Rated Voltage	24 VDC
Rated Current	0.12 A
Input Power	2.88 W
Rated Speed (RPM)	4500
Airflow (CFM)	24
Noise Level (dB)	33
Max. Static Pressure	0.25 ”H_2O

Output of locked signal
*Output type.....Open collector type
*Electrical design suggestion:
(External signal function design is decided by customer)



*Transistor Q1 at "ON" position
Collector current.....I_C=10mA Max
Saturation Voltage.....V_{OL}=1.0V Max
(Between Collector and Emitter at I_C=10mA)
*Transistor Q1 at "OFF" position
Release Voltage.....V_{OH}=30V Max

*Output waveform



Knight Electronics, Inc.
10557 Metric Drive
Dallas, Texas 75243
214-340-0265

RoHS Compliant

Orion Fans