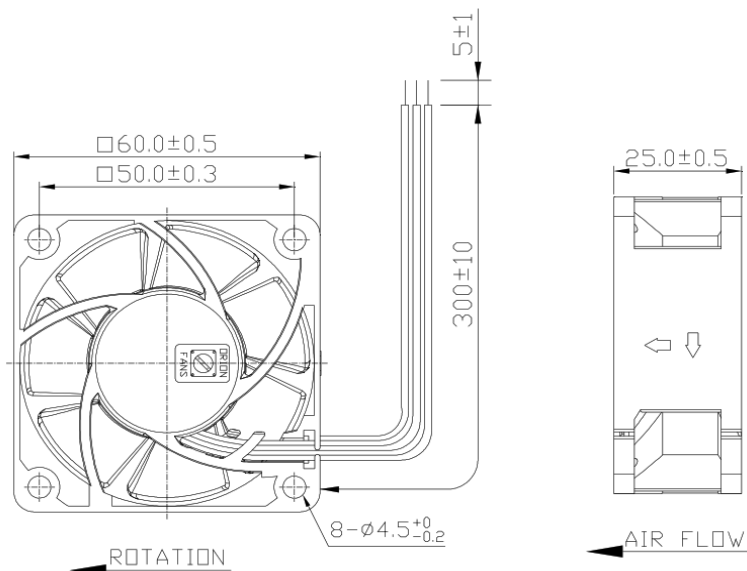


OD6025-24HB02A



DC Fan - 24V

60x25mm (2.36"x 1.0")



Frame & Impeller	PBT, UL94V-O plastic	Options: Alarm - Open Collector	FLOWRATE(CMM) Graph showing Static Pressure (mmAq) vs Flow Rate (CMM) for OD6025-24HB. The curve shows a peak flow rate of approximately 15 CMM at a static pressure of 0.059 mmAq.
Connection	3X Lead wires 24AWG Red+, Black-, Yellow Alarm		
Motor	Brushless DC, auto restart, polarity protected	Life Expectancy (L10) Ball - 70,000 hrs (40C)	
Bearing System	Dual Ball bearing	Operating Temperature Ball: -10C ~ +70C Storage Temperature -40C ~ +80C	
Insulation Resistance	10M ohm between leadwire and frame (500VDC)	Weight: ~ 0.15 lbs	
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp	m1 Rev C	

Model Number	OD6025-24HB02A	Output of locked signal *Output type.....Open collector type *Electrical design suggestion: (External signal function design is decided by customer) Circuit diagram showing the fan connected to a transistor (Q1) in an open collector configuration. The fan's positive lead is connected to the collector of Q1, and the negative lead is connected to the emitter. The collector is also connected to a 30V Max supply. The output of the collector is the "Locked Signal". *Transistor Q1 at "ON" position Collector current.....$I_c = 10\text{mA Max}$ Saturation Voltage.....$V_{ce} = 1.0\text{V Max}$ (Between Collector and Emitter at $I_c = 10\text{mA}$) *Transistor Q1 at "OFF" position Release Voltage.....$V_{on} = 30\text{V Max}$ *Output waveform Timing diagram showing the relationship between supply voltage, fan rotation, fan current, and the locked signal. The signal goes high when the fan is locked and low when it releases.
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 ₂ O	