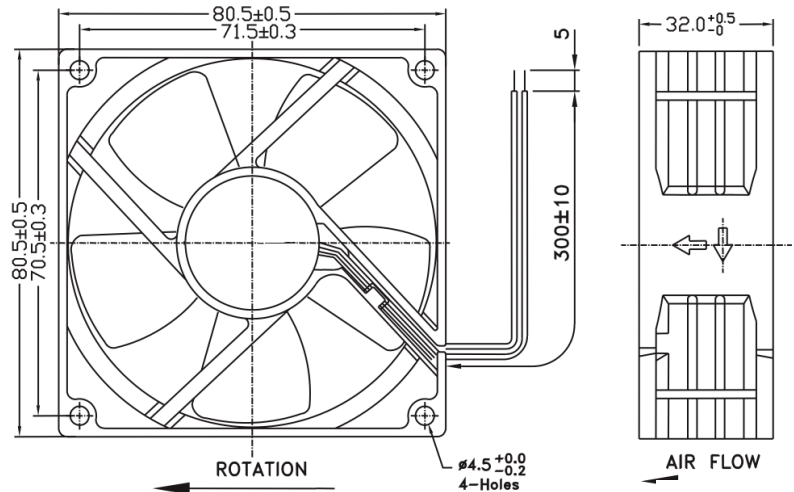


OD8032 Series



DC Fan - 12, 24, 48V
80x32mm (3.15"x 1.25")



Frame & Impeller	PBT, UL94V-O plastic	Available Options: Tachometer (FG) Alarm (RD) Thermal Speed Control (Thermistor) PWM Input (Manual Speed Control) Life Expectancy (L10) Ball Bearing 70,000 hours (L10 at 40C) Sleeve Bearing 35,000 hours (L10 at 40C) Operating Temperature Ball Bearing -20C ~ +70C Sleeve Bearing -10C ~ +50C	The graph shows Static Pressure (inches of water) on the y-axis (0.00 to 0.30) versus Airflow (CFM) on the x-axis (0 to 50). Three curves are shown for different models: H (High speed), M (Medium speed), and L (Low speed). The H curve starts at approximately 0.29 inches of water at 0 CFM and drops to 0 at 50 CFM. The M curve starts at approximately 0.24 inches of water at 0 CFM and drops to 0 at 50 CFM. The L curve starts at approximately 0.19 inches of water at 0 CFM and drops to 0 at 50 CFM.
Connection	2x Lead wires, UL1007, 24AWG		
Motor	Brushless DC, auto restart, polarity protected		
Bearing System	Dual Ball or Sleeve		
Insulation Resistance	10M ohm between leadwire and frame (500VDC)		
Dielectric Strength	1 second at 500 VAC, max leakage - 500 MicroAmp		
Storage Temperature	-30C ~ +90C		

Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts DC	Voltage Range	Nominal Amps	Max. Static Pressure (inH2O)
OD8032-12H*	3800	50	42	12	10.8~13.2	0.19	0.29
OD8032-12M*	3400	45	37	12	10.8~13.2	0.16	0.24
OD8032-12L*	3000	40	35	12	10.8~13.2	0.11	0.19
OD8032-24H*	3800	50	42	24	21.6~26.4	0.12	0.29
OD8032-24M*	3400	45	37	24	21.6~26.4	0.10	0.24
OD8032-24L*	3000	40	35	24	21.6~26.4	0.07	0.19
OD8032-48H*	3800	50	42	48	24~56	0.08	0.29
OD8032-48M*	3400	45	37	48	24~56	0.07	0.24
OD8032-48L*	3000	40	35	48	24~56	0.06	0.19

* Indicate "B" to specify Ball bearing or "S" to specify Sleeve bearing

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Orion Fans:

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