



OD1232 Series

DC Fan - 12V, 24V, 48V
120 x 32mm (4.7.62 x 1.25in)

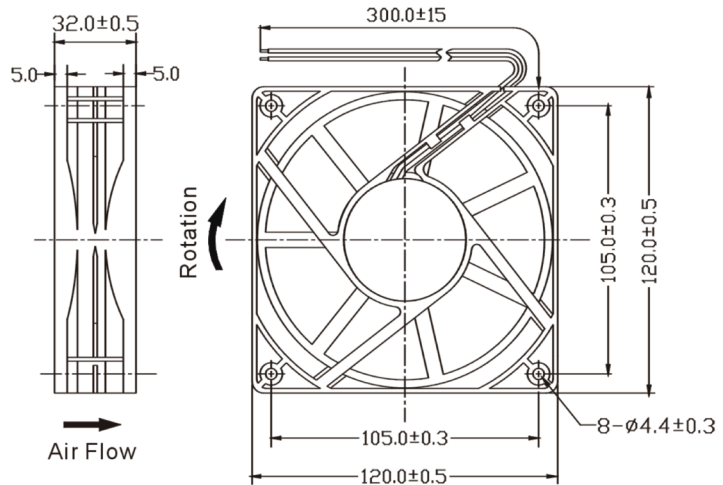


Model #	Pg #	Voltage	RPM	CFM	Noise Level	Max Static Pressure
OD1232-12H	2	12 VDC	3750	120	51 dB	.42 H ₂ O
OD1232-12M	2	12 VDC	3300	107	48 dB	.33 H ₂ O
OD1232-12L	2	12 VDC	2900	93	44 dB	.27 H ₂ O
OD1232-24H	2	24 VDC	3750	120	51 dB	.42 H ₂ O
OD1232-24M	2	24 VDC	3300	107	48 dB	.33 H ₂ O
OD1232-24L	2	24 VDC	2900	93	44 dB	.27 H ₂ O
OD1232-48H	2	48 VDC	3750	120	51 dB	.42 H ₂ O
OD1232-48M	2	48 VDC	3300	107	48 dB	.33 H ₂ O
OD1232-48L	2	48 VDC	2900	93	44 dB	.27 H ₂ O
OD1232-24MB02A	3	24 VDC	3300	107	48 dB	.33 H ₂ O
OD1232-48MB02A	4	48 VDC	3300	107	48 dB	.33 H ₂ O

OD1232 Series



DC Fan - 12, 24, 48V
120x32mm (4.7"x 1.25")



Frame & Impeller	PBT, UL94V-0 plastic	Available Options: Tachometer (FG) Alarm (RD) Thermal Speed Control PWM Input <u>Life Expectancy (L10)</u> Ball Bearing 60,000 hours (L10 at 40C) Sleeve Bearing 30,000 hours (L10 at 40C) <u>Operating Temperature</u> Ball Bearing -20C ~ +75C Sleeve Bearing -10C ~ +50C Weight: ~0.47 lbs m4	Static Pressure ("H₂O") vs Airflow (CFM) graph showing performance curves for High (H), Medium (M), and Low (L) speeds. The y-axis ranges from 0.00 to 0.45, and the x-axis ranges from 0 to 125 CFM.
Connection	2x Lead wires		
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 minute at 500 VAC, max leakage < 500 MicroAmp		
Storage Temperature	-40C ~ +80C		

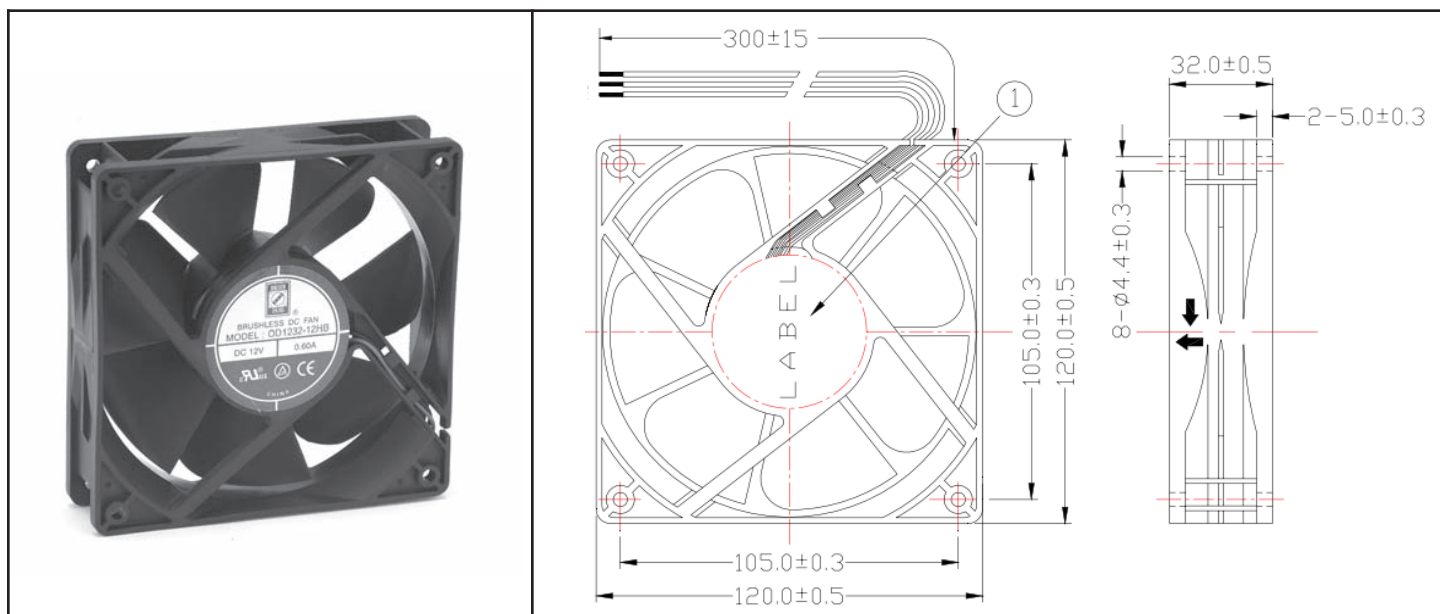
Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts DC	Voltage Range	Amps	Max. Static Pressure ("H ₂ O)
OD1232-12H *	3750	120	51	12	6~13.8	0.60	0.42
OD1232-12M *	3300	107	48	12	6~13.8	0.50	0.33
OD1232-12L *	2900	93	44	12	6~13.8	0.32	0.27
OD1232-24H *	3750	120	51	24	12~27.8	0.28	0.42
OD1232-24M *	3300	107	48	24	12~27.8	0.22	0.33
OD1232-24L *	2900	93	44	24	12~27.8	0.16	0.27
OD1232-48H *	3750	120	51	48	24~55.2	0.16	0.42
OD1232-48M *	3300	107	48	48	24~55.2	0.15	0.33
OD1232-48L *	2900	93	44	48	24~55.2	0.13	0.27

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

OD1232-24MB02A



DC Fan, 24VDC
120x32mm (4.7.62x1.25in)



Frame & Impeller	PBT, UL94V-0 plastic	Available Options IP55 Other speeds and voltages Tachometer PWM *Connection: Wire Leads - UL1007 24AWG Red(+), Black (-), Yellow Alarm Weight: 250 g	
Connection	3x Lead wires *		
Motor	Brushless DC, auto restart, polarity protected.		
Bearing System	Dual ball bearing		
Insulation Resistance	Min. 10M at 500VDC		
Dielectric Strength	1 second at 500VAC max leakage 500 microamp		
Temperature Range	-10C ~ +70C		
Storage Temperature	-40C ~ +80C		
Life (L10)	70,000 hours (40C)		

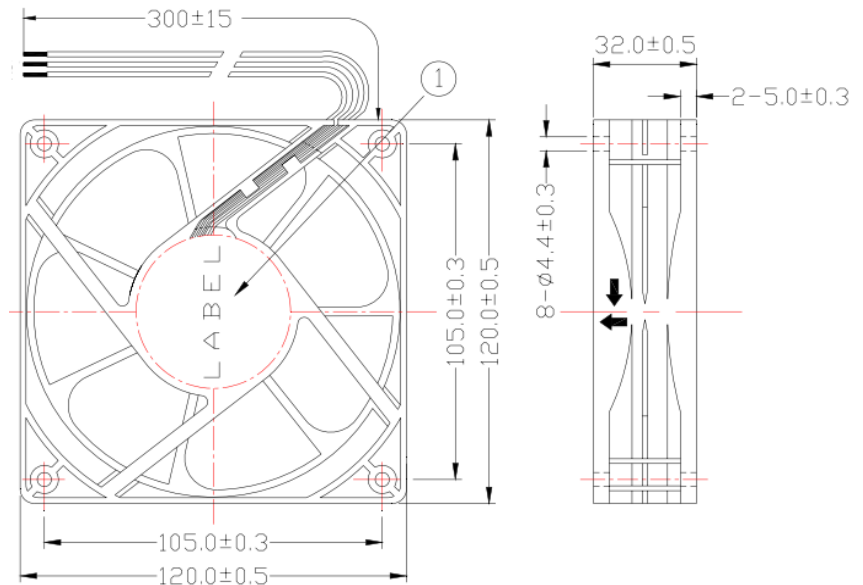
Model Number	OD1232-24MB02A	
Part Number	124231231	
Nominal Voltage	24 VDC	
Voltage Range	12~27.6 VDC	
Nominal Current	.22 A	Output Type : Open Collect $V_{CE(sat)}=0.5V(Max.)$ $I_C=5mA(Max.)$
Rated Power	5.28Watts	
Rated Speed (RPM)	3300	$V_{RD} = \text{Maximum operation voltage}$ $R \geq V_{RD} / I_C$
Airflow (CFM)	107	
Noise Level (dB)	48	
Max. Static Pressure	.33 "H ₂ O	

OD1232-48MB02A



DC Fan, 48VDC

120x32mm (4.7.62x1.25in)



Frame & Impeller	PBT, UL94V-0 plastic	Available Options IP55 Other speeds and voltages Tachometer PWM *Connection: Wire Leads - UL1007 24AWG Red(+), Black (-), Yellow Alarm Weight: 250 g	
Connection	3x Lead wires *		
Motor	Brushless DC, auto restart, polarity protected.		
Bearing System	Dual ball bearing		
Insulation Resistance	Min. 10M at 500VDC		
Dielectric Strength	1 second at 500VAC max leakage 500 microamp		
Temperature Range	-10C ~ +70C		
Storage Temperature	-40C ~ +80C		
Life (L10)	70,000 hours (40C)		

Model Number	OD1232-48MB02A	
Part Number	124431231	
Nominal Voltage	48 VDC	
Voltage Range	24~55.2 VDC	
Nominal Current	.15 A	Output Type : Open Collect $V_{CE(sat)}=0.5V(\text{Max.})$ $I_c=5mA(\text{Max.})$ $V_{RD} = \text{Maxi mum operation voltage}$ $R \geq V_{RD}/I_c$
Rated Power	7.2 Watts	
Rated Speed (RPM)	3300	
Airflow (CFM)	107	
Noise Level (dB)	48	
Max. Static Pressure	.33 "H ₂ O	