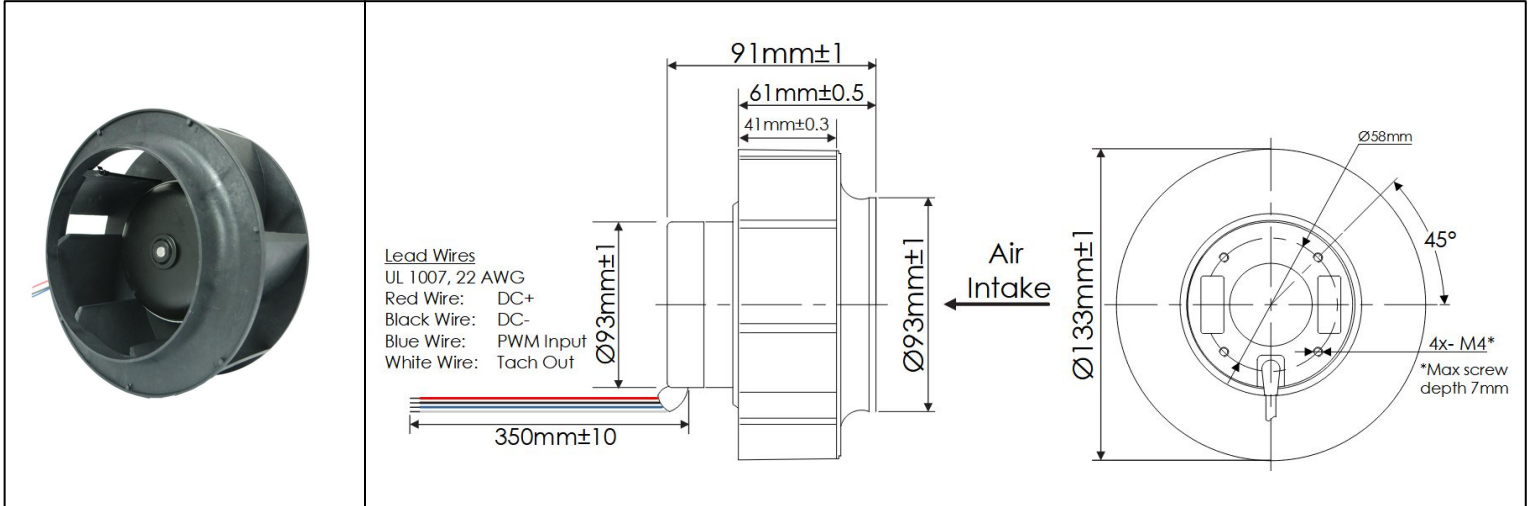


ODB13391 Series with PWM and Tachometer



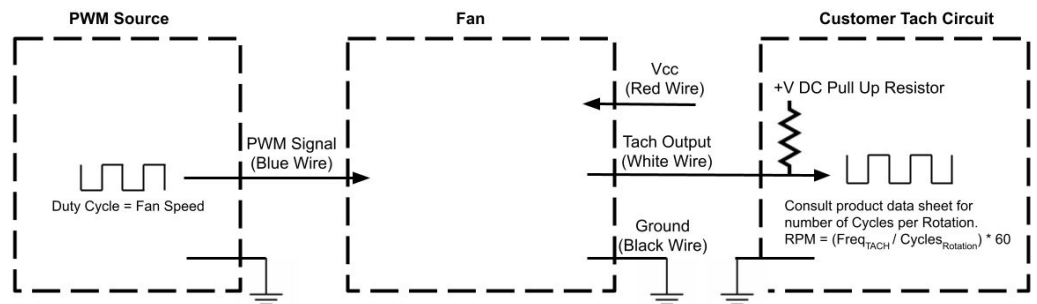
DC Centrifugal Blowers - 24, 48V
133.5mm x 91mm (5.24" x 3.58")



Motor	Die Cast Aluminum	Operating Temperature -20°C ~ +65°C Storage Temperature -40°C ~ +75°C Life Expectancy 50,000 Hours (L10 at 25°C) Installed Options PWM Speed Control Input Open Collector Tach Output Other Available Options 0-10V Speed Control Input Alarm Output Other Speeds Available IP Ratings Optional Duct Ring: DR133D Weight: 1.54 lbs.	
Impeller	PBT, UL94 V-0 Plastic		
Connection	4x Lead Wires, 22 AWG		
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected		
Bearing System	Ball Bearings		
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 500V DC		

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
ODB13391-24HB10A	24	21.6 ~ 26.4	63.6	2.65	4550	326	68	1.9
ODB13391-48HB10A	48	28.0 ~ 52.0	60.0	1.25	4550	326	68	1.9

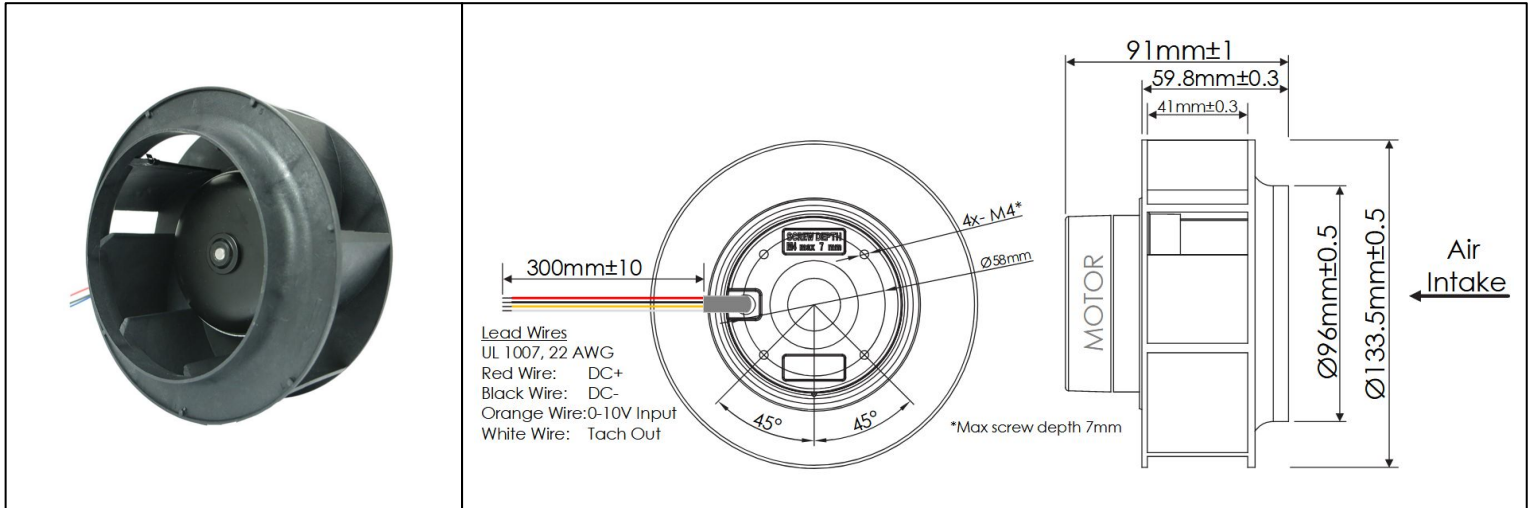
Tach Max Pullup Voltage: Fan Vcc
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 2
PWM High Voltage: >2.6V
PWM High Voltage Max: ≤12V
PWM Max Sink Current: 8mA
PWM Frequency Range: 1KHz-100KHz
PWM Typical Frequency: 25KHz
RPM at 0% Duty Cycle: 0 RPM
Starting Duty Cycle: 25%
RPM will be full speed if PWM input is disconnected.





ODB13391 Series with 0-10V Speed Control and Tachometer

DC Centrifugal Blowers - 24, 48V
133.5mm x 91mm (5.24" x 3.58")



Motor	Die Cast Aluminum	<u>Operating Temperature</u> -20°C ~ +65°C <u>Storage Temperature</u> -40°C ~ +75°C <u>Life Expectancy</u> 50,000 Hours (L10 at 25°C) <u>Installed Options</u> 0-10V Speed Control Input Open Collector Tach Output Optional Duct Ring: DR133D Weight: 1.54 lbs.
Impeller	PBT, UL94 V-0 Plastic	
Connection	4x Lead Wires, 22 AWG	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	
Bearing System	Ball Bearings	
Dielectric Strength	500VDC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500V DC	

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure (H ₂ O)
ODB13391-24HB24A	24	21.6 ~ 26.4	63.6	2.65	4550	326	68	1.9
ODB13391-48HB24A	48	28.0 ~ 52.0	60.0	1.25	4550	326	68	1.9

Tach Max Pullup Voltage: Fan Vcc
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 2
Max Speed Control Voltage: 10.5V DC
RPM will be 0 RPM if 0-10V input is disconnected.

