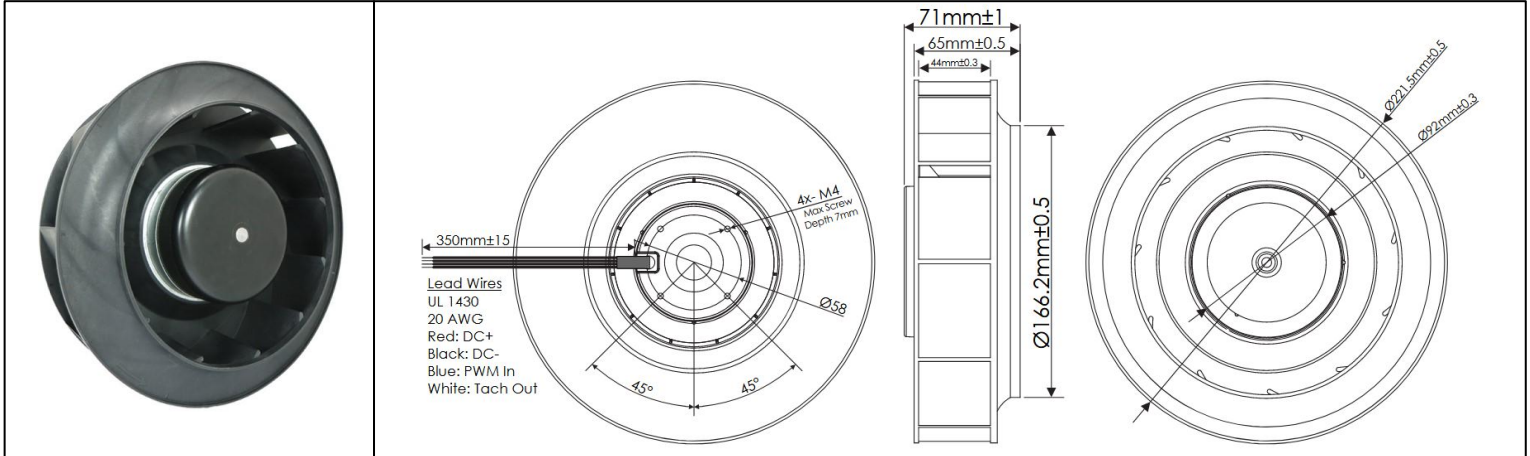


ODB22071 Series with PWM and Tach

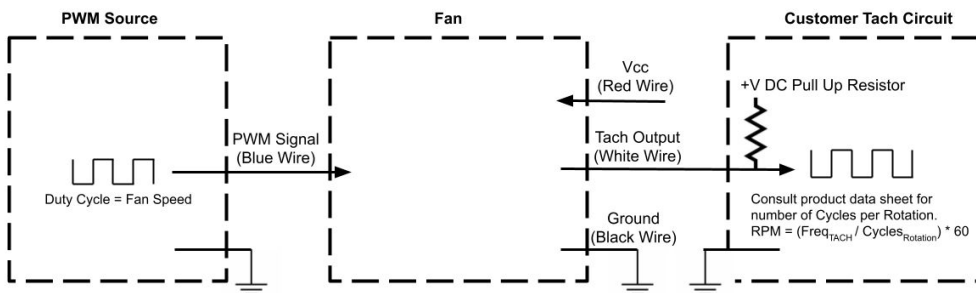


DC Centrifugal Fans - 24, 48V
221.5mm x 71mm (8.7" x 2.80")



Frame	Die Cast Aluminum	<u>Operating Temperature</u> -10°C ~ +60°C	
Impeller	PA66, UL94 V-0 Plastic	<u>Storage Temperature</u> -40°C ~ +75°C	
Connection	4x Lead Wires, UL 1430 20 AWG	<u>Life Expectancy</u> 50,000 Hours (L10 at 25°C)	
Motor	Brushless DC, Electronically Protected, Polarity Protected	<u>Installed Options</u> PWM Speed Control Input Open Collector Tach Output	
Bearing System	Ball Bearings	<u>Available Options</u> Alarm Output Other Speeds Available	
Dielectric Strength	500VDC/min, <1mA	<u>Recommended Accessory</u> DR22025D Intake Duct Ring	
Insulation Resistance	≥10MΩ @ 500 VDC	Weight: 3.09 lbs.	

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)
ODB22071-24HB10A	24	12 ~ 26.4	105.6	4.4	2800	580	68	2.10
ODB22071-48HB10A	48	24 ~ 52.0	129.6	2.7	3000	621	69	2.26



Tach Max Pullup Voltage: Fan Vcc
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 2
PWM Low Voltage: <0.5V
PWM High Voltage: >2.6V
PWM High Voltage Max: ≤5.5V
PWM Max Sink Current: 8mA
PWM Frequency Range: 100Hz-100KHz
PWM Typical Frequency: 25KHz
RPM at 0% Duty Cycle: 0 RPM
RPM will be full speed if PWM input is disconnected.
RPM will be 0 RPM if PWM input is grounded.