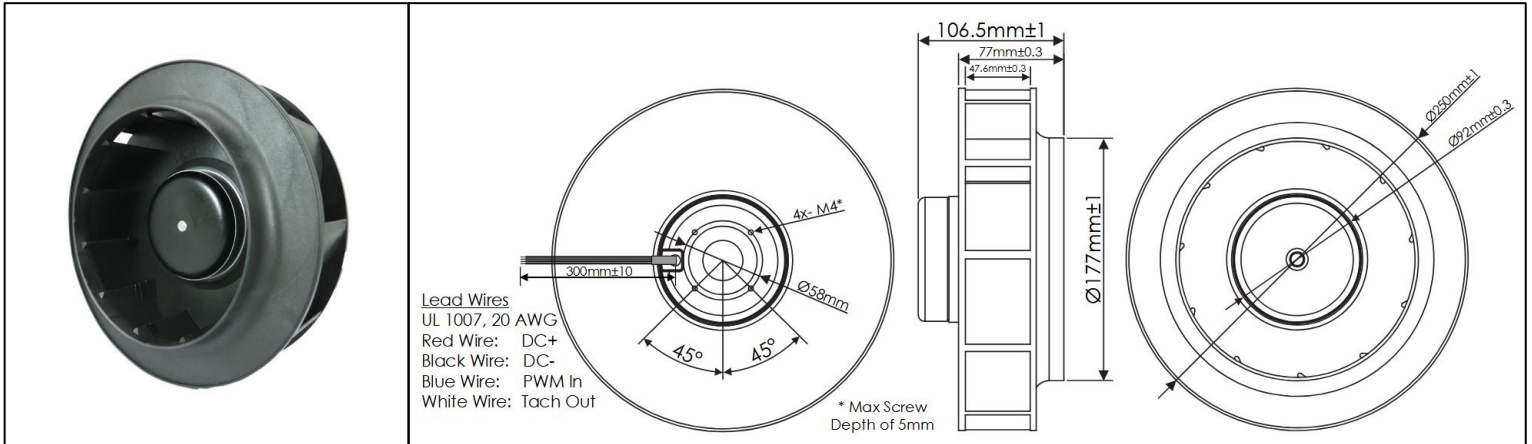


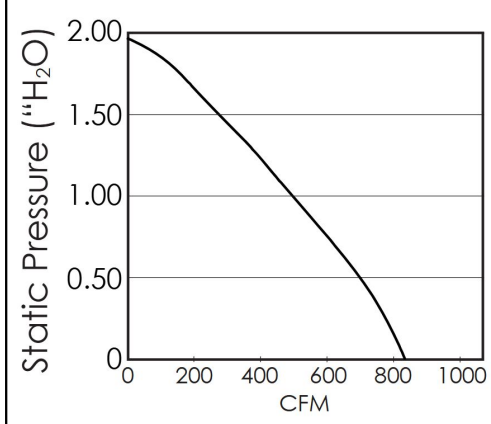
ODB250110 Series



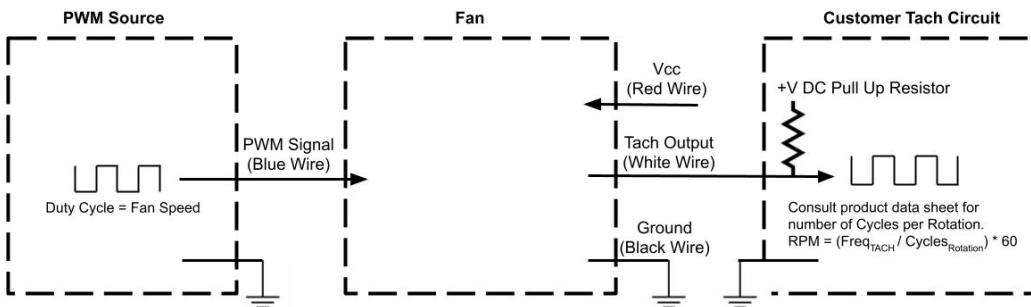
DC Centrifugal Fans - 24, 48V
250mm x 106.5mm (9.84" x 4.19")



Frame	Die Cast Aluminum	Operating Temperature -10°C ~ +60°C
Impeller	PA66, UL94 V-0 Plastic	Storage Temperature -40°C ~ +75°C
Connection	4x Lead Wires, 20 AWG	Life Expectancy 50,000 Hours (L10 at 25°C)
Motor	Brushless DC, Electronically Protected, Polarity Protected	Installed Options PWM Speed Control Input Open Collector Tach Output
Bearing System	Ball Bearings	Other Available Options Alarm Output IP Ratings Other Speeds Available
Dielectric Strength	500VAC/min, <1mA	Weight: 3.53 lbs
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)
ODB250110-24HB10A	24	20 ~ 26.4	129.6	5.4	2600	825	67	1.95"
ODB250110-48HB10A	48	40 ~ 52	129.6	2.7	2600	825	67	1.95"



- Tach Max Pullup Voltage: 24V
- Tach Max Sink Current: 5mA
- Tach Cycles per Rotation: 2
- PWM High Voltage Max: ≤12V
- PWM High Voltage: >2.6V
- 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.

