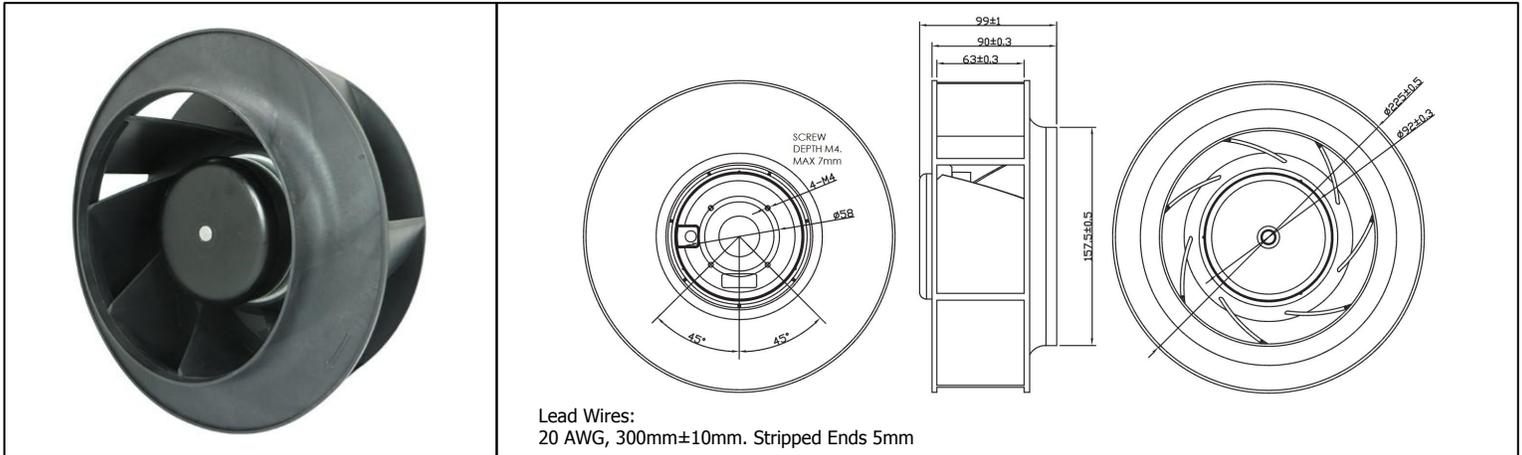


ODB22599 Series

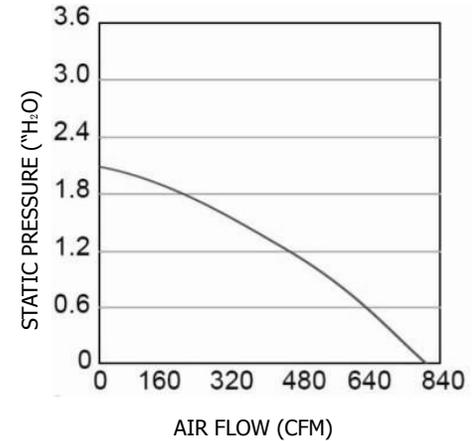


DC Motorized Impellers - 24, 48V
225mm x 99mm (8.85" x 3.90")

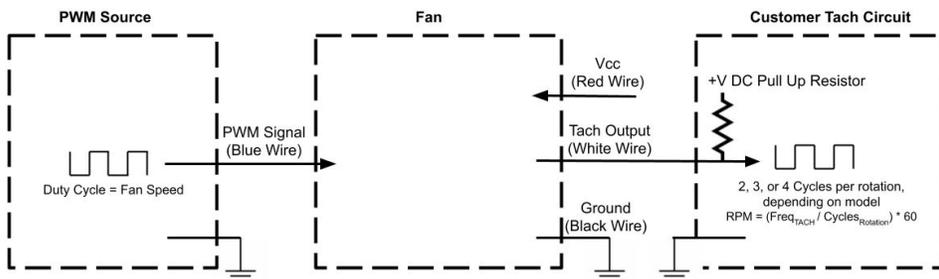


Lead Wires:
20 AWG, 300mm±10mm. Stripped Ends 5mm

Frame	Die Cast Aluminum	Operating Temperature -10°C ~ +60°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 Alarm Output Other Speeds Available Lead Wire Colors: Red (DC+), Black (DC-), White (Tach Out), Blue (PWM Input)
Impeller	PA66, UL94 V-0 Plastic	
Connection	4x Lead Wires*, 20 AWG	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	
Bearing System	Dual Ball Bearings	
Dielectric Strength	500VDC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500 VDC	
		Weight: 3.31 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)
ODB22599-24HB10A	24	22 ~ 26.4	110.4	4.6	2500	835	67.4	2.05
ODB22599-48HB10A	48	44 ~ 60.0	110.4	2.3	2500	835	67.4	2.05



PWM Input Voltage: 10V±0.5
PWM Max Sink Current: 8mA
PWM Frequency Range: 1KHz-25KHz
PWM Typical Frequency: 25KHz
RPM at 0% Duty Cycle: 0 RPM
 RPM will be full speed if PWM input is disconnected.
Tach Max Pullup Voltage: Fan +Vcc
Tach Max Sink Current: 5mA
Tach Cycles per rotation: 3