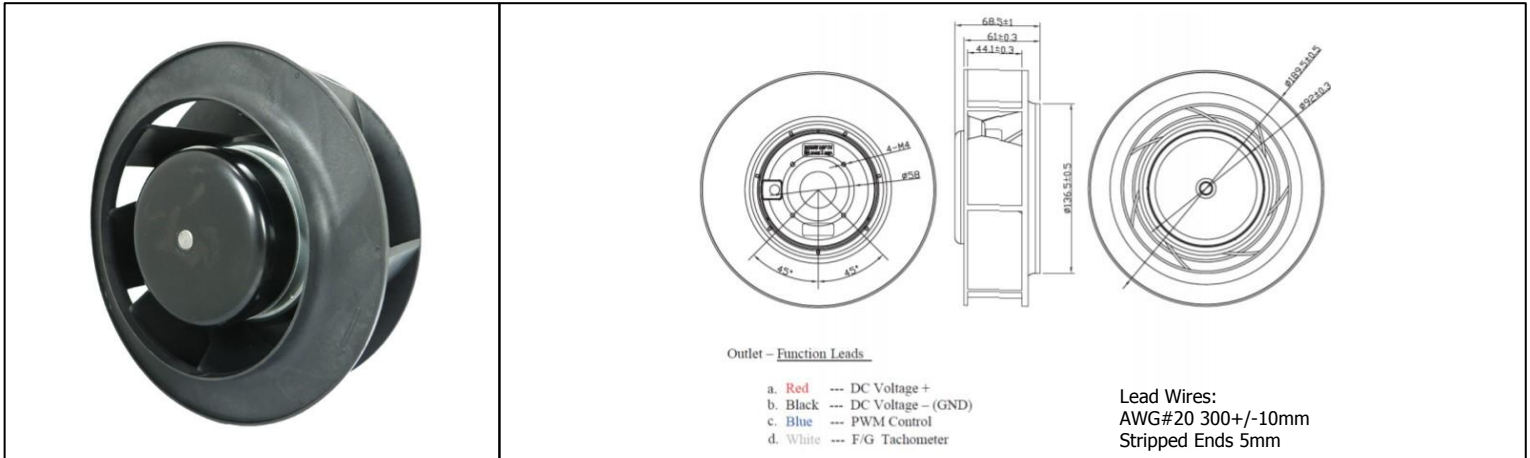


ODB19069 Series



DC Motorized Impeller, 24V, 48V
190x69mm (7.5"x2.70")

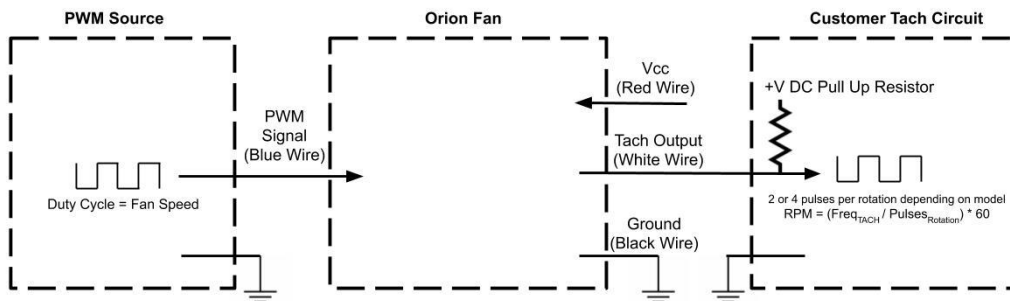


Frame	Die Cast Aluminum	Operating Temperature -10°C ~ +60°C Storage Temperature -40°C ~ +75°C Life Expectancy 50,000 hours (L10 at 25°C) Other Available Options Alarm Other Speeds Available Weight: 2.87 lbs m0
Impeller	PBT, UL94 V-0 Plastic	
Connection	4x Lead wires, 20 AWG	
Motor	Brushless DC, Electronically Protected, Polarity Protected	
Bearing System	Dual Ball Bearings	
Dielectric Strength	500VAC/min < 1mA	
Insulation Resistance	10M ohm between leadwires and frame (500 VDC)	

STATIC PRESSURE ("H₂O)

AIR FLOW (CFM)

Part Number	Rated Voltage	Rated Power	Nominal Current	Rated Speed (RPM)	Airflow (CFM)	Noise Level (dB)	Max. Static Pressure
ODB19069-24HB10A	24 VDC	108 W	4.5 A	3200	395	70	1.97" H ₂ O
ODB19069-48HB10A	48 VDC	122.4 W	2.55 A	3500	432	73	2.0" H ₂ O



PWM Low Voltage: <0.5V
 PWM High Voltage: >2.6V
 PWM High Voltage Max: ≤12V
 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.

Tach Max Voltage = 24V
 Tach Max Current = 5mA
 Tach Low Voltage = 0.5V
 Tach Pulses per rotation = 2