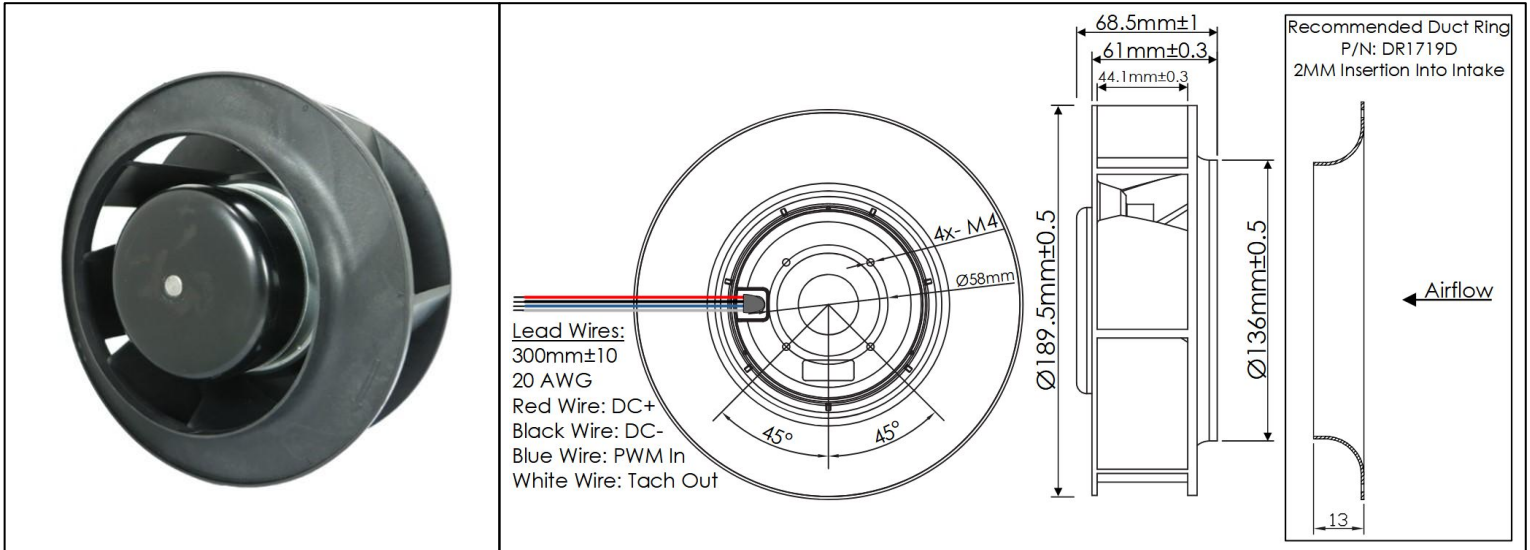


ODB19069 Series

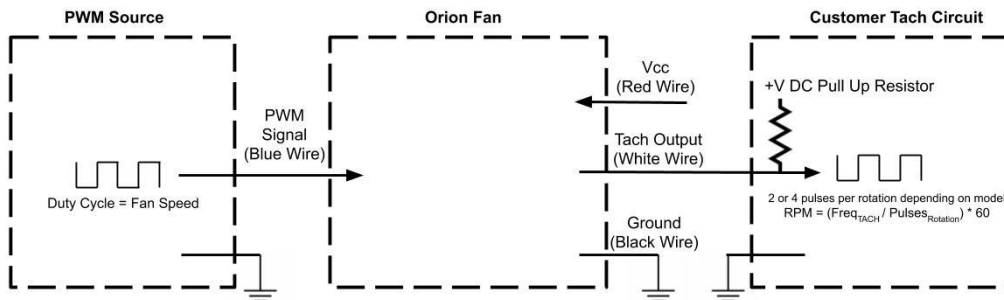


DC Motorized Impeller - 24, 48V
189.5 x 68.5mm (7.5" x 2.70")



Frame	Die Cast Aluminum, Natural Finish	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 Outputs IP Ratings Other Speeds Available Recommended Accessory DR1719D Intake Duct Ring Weight: 2.87 lbs.
Impeller	PA66, UL94 V-0 Plastic	
Connection	4x Lead Wires, UL 1007 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 @ 500V DC	

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Rated Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
ODB19069-24HB10A	24	20 ~ 26.4	108.0	4.50	3200	395	70	1.97"
ODB19069-48HB10A	48	40 ~ 52.0	122.4	2.55	3500	432	73	2.00"



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 Startup Duty Cycle: ≥25%
 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.