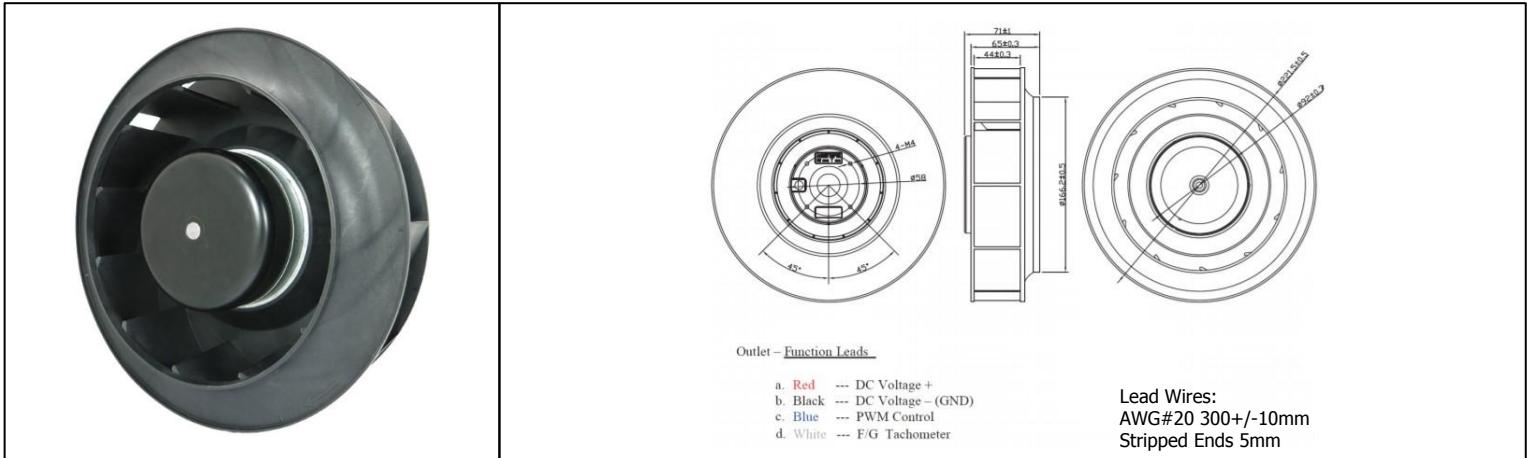


ODB22071 Series

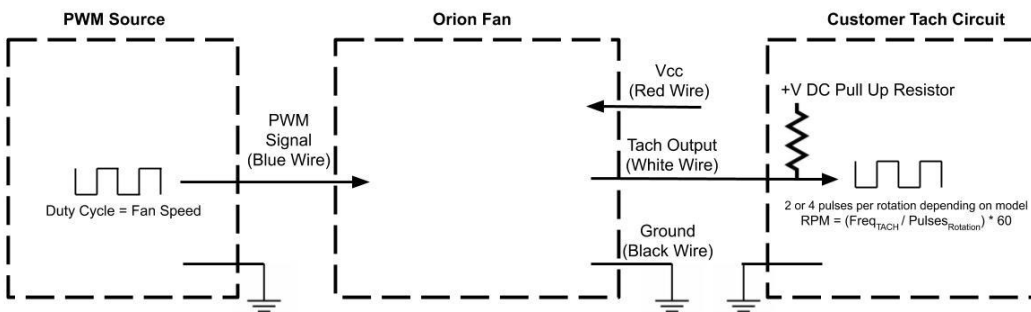


DC Motorized Impeller, 24V, 48V
220x71mm (8.7"x2.80")



| | | |
|------------------------------|--|---|
| Frame | Die Cast Aluminum | Operating Temperature -10°C ~ +60°C |
| Impeller | PBT, 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, IC Protected, Polarity Protected | Available Options Alarm Other Speeds Available |
| Bearing System | Dual Ball Bearings | Weight: 3.09 lbs m0 |
| Dielectric Strength | 500VAC/min | |
| Insulation Resistance | 10M ohm between leadwires and frame (500 VDC) | |

| Part Number | Rated Voltage | Rated Power | Nominal Current | Rated Speed (RPM) | Airflow (CFM) | Noise Level (dB) | Max. Static Pressure |
|------------------|---------------|-------------|-----------------|-------------------|---------------|------------------|------------------------|
| ODB22071-24HB10A | 24 VDC | 105.6 W | 4.4 A | 2800 | 580 | 68 | 2.10" H ₂ O |
| ODB22071-48HB10A | 48 VDC | 129.6 W | 2.7 A | 3000 | 621 | 69 | 2.26" 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

