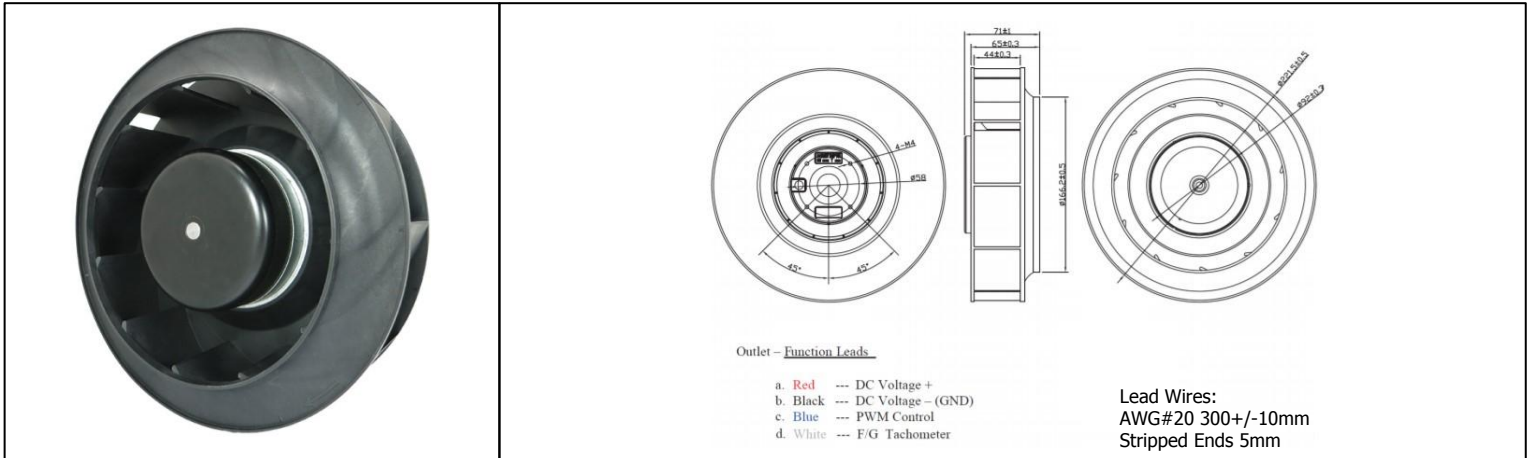


# ODB22071 Series

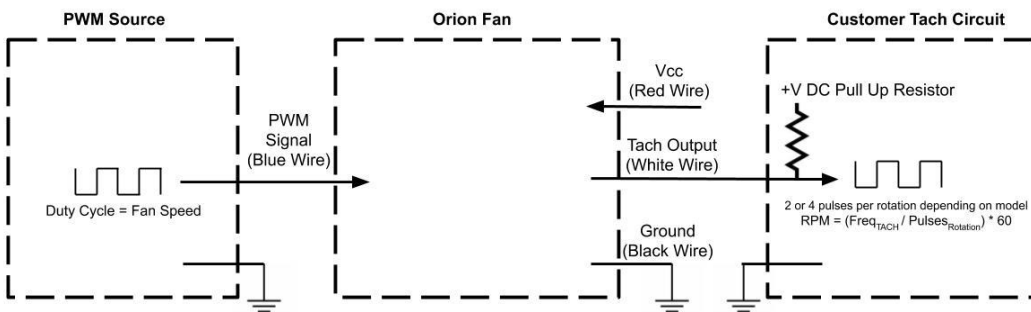


DC Motorized Impeller, 24V, 48V  
220x71mm (8.7"x2.80")



<b>Frame</b>	Die Cast Aluminum	<b>Operating Temperature</b> -10°C ~ +60°C	
<b>Impeller</b>	PBT, UL94 V-0 Plastic	<b>Storage Temperature</b> -40°C ~ +75°C	
<b>Connection</b>	4x Lead wires, 20 AWG	<b>Life Expectancy</b> 50,000 hours (L10 at 25°C)	
<b>Motor</b>	Brushless DC, IC Protected, Polarity Protected	<b>Available Options</b> Alarm Other Speeds Available	
<b>Bearing System</b>	Dual Ball Bearings	Weight: 3.09 lbs	
<b>Dielectric Strength</b>	500VAC/min		
<b>Insulation Resistance</b>	10M ohm between leadwires and frame (500 VDC)	m0	

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 <sub>2</sub> O
ODB22071-48HB10A	48 VDC	129.6 W	2.7 A	3000	621	69	2.26" H <sub>2</sub> 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

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