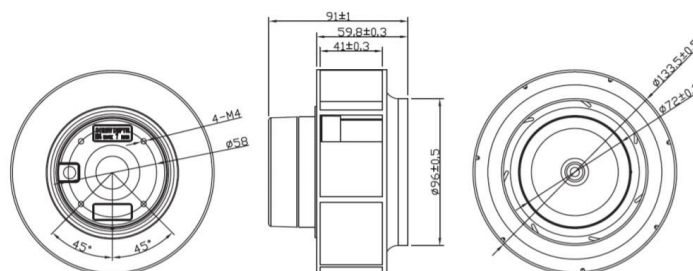


# ODB13391 Series



DC Motorized Impeller, 24V, 48V  
133x91mm (5.24"x3.58")



Outlet - Function Leads

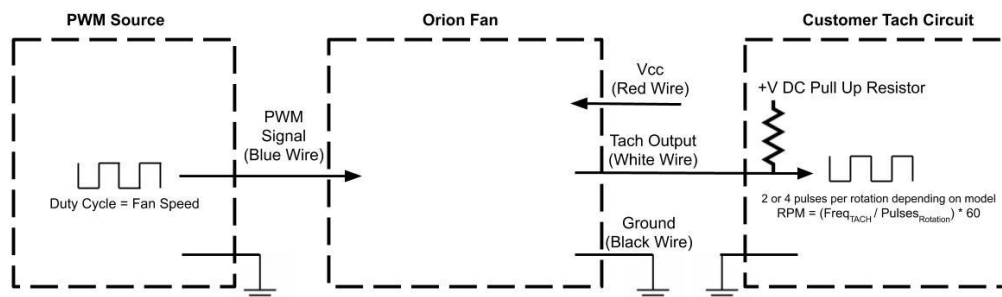
- a. Red --- DC Voltage +
- b. Black --- DC Voltage - (GND)
- c. Blue --- PWM Control
- d. White --- F/G Tachometer

Lead Wires:  
AWG#20 300+/-10mm  
Stripped Ends 5mm

Frame	Die Cast Aluminum	<u>Operating Temperature</u> -10°C ~ +60°C	
Impeller	PBT, UL94 V-0 Plastic	<u>Storage Temperature</u> -40°C ~ +75°C	
Connection	4x Lead Wires, 20 AWG	<u>Life Expectancy</u> 50,000 hours (L10 at 25°C)	
Motor	Brushless DC, Electronically Protected, Polarity Protected	<u>Other Available Options</u> Alarm Other Speeds Available	
Bearing System	Dual Ball Bearings	Weight: 1.54 lbs	
Dielectric Strength	500VAC/min < 1mA	m0	
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
ODB13391-24HB10A	24 VDC	63.6 W	2.65 A	4600	326	68	1.9" H <sub>2</sub> O
ODB13391-48HB10A	48 VDC	60 W	1.25 A	4600	326	68	1.9" 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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Orion Fans:

[ODB13391-24HB10A](#) [ODB13391-48HB10A](#)