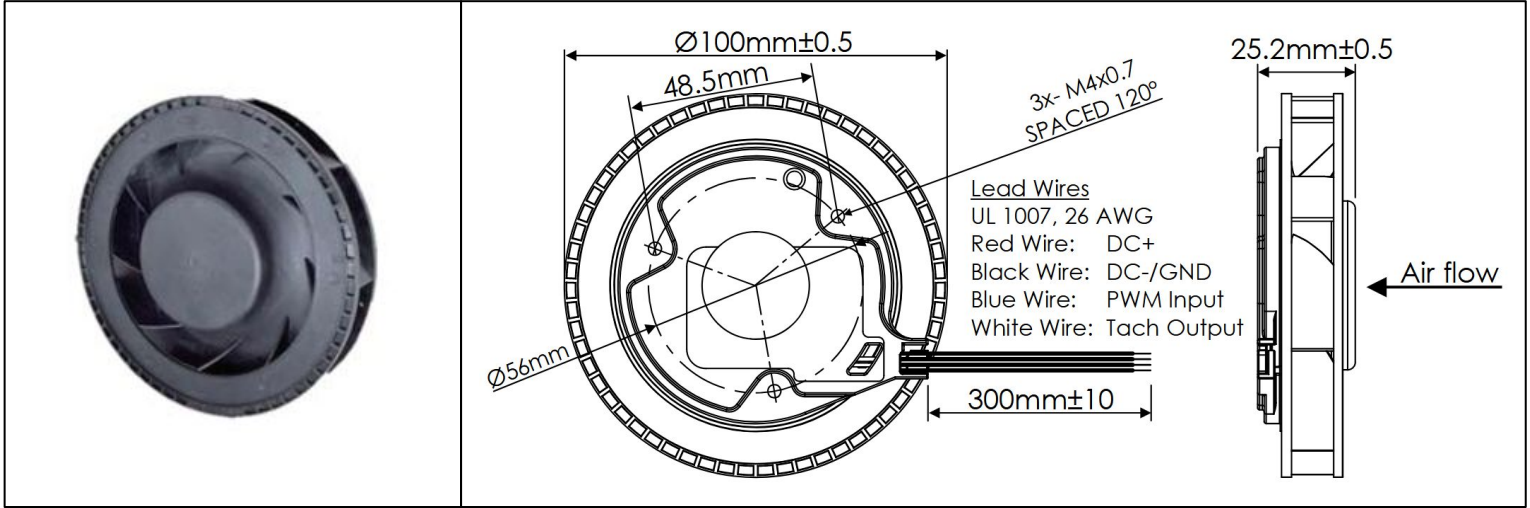


ODC10025 Series with PWM and Tach

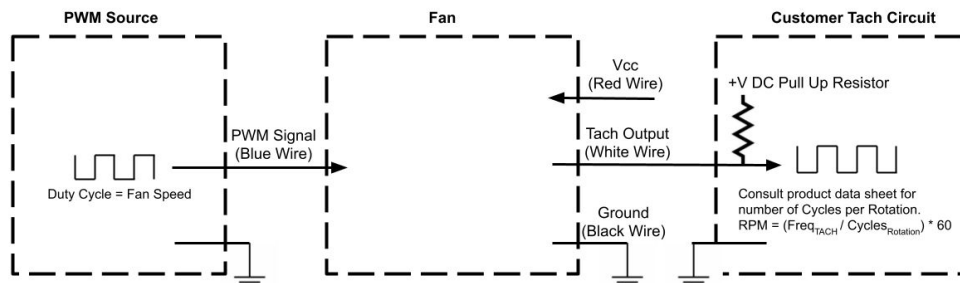


DC Centrifugal Blowers - 12, 24, 48V
100mm x 25.2mm (3.93" x 1.00")



Motor	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C <u>Storage Temperature</u> -40°C ~ +75°C <u>Life Expectancy</u> 70,000 Hours (L10 at 40°C) <u>Installed Options</u> PWM Speed Control Input Open Collector Tach Output <u>Available Options</u> Other Speeds <u>Optional Accessories</u> DR10025D Intake Duct Ring Weight: 0.30 lbs.
Impeller	PBT, UL94 V-0 Plastic	
Connection	4x Lead Wires, 26 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)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure (\"H ₂ O
ODC10025-12HB10A	12	10.0 ~ 13.8	16.8	1.40	5950	65.0	55.4	1.90
ODC10025-24HB10A	24	14.0 ~ 26.4	20.4	0.85	5950	65.0	55.4	1.90
ODC10025-48HB10A	48	30.0 ~ 60.0	16.8	0.35	5950	65.0	55.4	1.90



PWM Max High Voltage: 5V
 PWM Max Sink Current: 5mA
 PWM Frequency Range: 1KHz-40KHz
 PWM Typical Frequency: 25KHz
 RPM at 0% Duty Cycle: 0 RPM
 RPM will be full speed if PWM input is disconnected.
 Tach Max Pullup Voltage: Fan Vcc
 Tach Max Sink Current: 5mA
 Tach Cycles per Rotation: 2