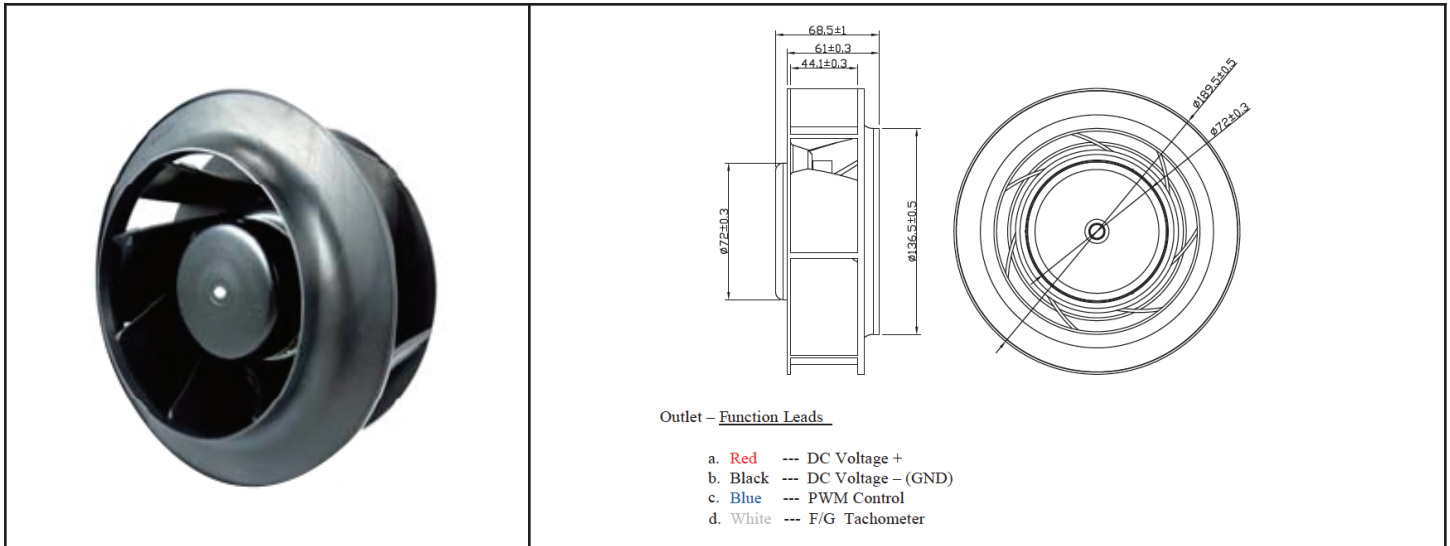


ODB19069-48HB10A



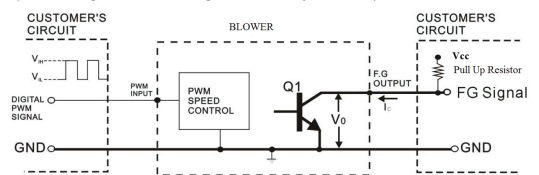
DC Motorized Impeller 48V 190x69mm (7.5"x2.70")



Frame & Impeller	Frame - Diecast aluminum Impeller - UL94V-0 Thermoplastic	Features: Signal Output: Tachometer Speed Control: PWM Weight: ~ 1000g (2.20 lbs) m0	
Conexion	4 Lead wires *		
Motor	DC brushless, IC protected		
Bearing System	Dual ball bearing		
Insulation Resistance	Min. 10M at 500VDC		
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp		
Temperature Range	-10C ~ +65C		
Storage Temperature	-40C ~ +80C		
Life (L10)	-40,000 hours (40C)		

Part Number	ODB19069-48HB10A
Nominal Voltage	48VDC
Voltage Range	36 ~ 56 VDC
Nominal Current	2.55 A
Rated Power	122.4 W
Rated Speed (RPM)	3500
Airflow (CFM)	432
Noise Level (dB)	77
Max. Static Pressure	2.81" H ₂ O

(External signal function design is decided by customer)



- * FG 2 pulses per revolution
 - * TRANSISTOR Q1 AT "ON" POSITION
 COLLECTOR CURRENT..... $I_c = 10\text{mA MAX}$
 SATURATION VOLTAGE..... $V_{ce} = 1\text{V MAX}$
 - * TRANSISTOR Q1 AT "OFF" POSITION
 RELEASE VOLTAGE..... $V_{on} = V_{cc\text{ Max}}$
 - * DIGITAL PWM SPEED CONTROL POSITION
 PWM INPUT VOLTAGE HIGH..... $V_{ih} > 2.6\text{V}$
 PWM INPUT VOLTAGE LOW..... $V_{il} < 0.5\text{V}$
 - * PWM INPUT FREQUENCY..... $\text{FPWM}: 100\text{Hz} - 100\text{KHz}$
- Blower will run full speed at 100%, stop at 0%, full speed if PWM not connected