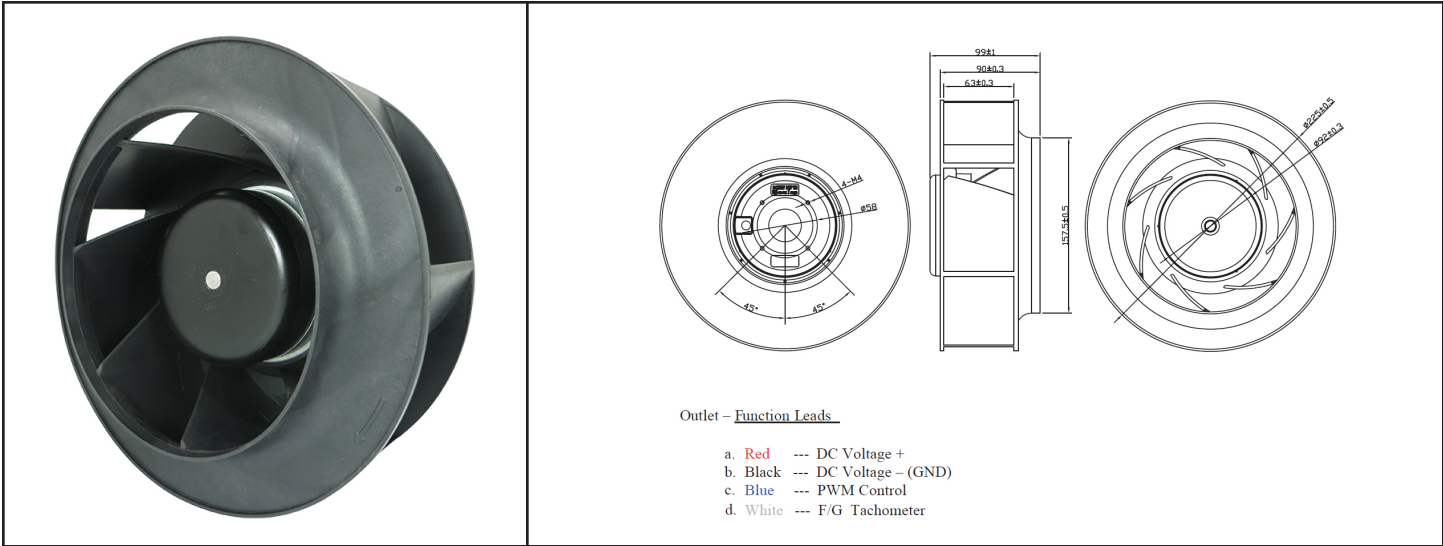


ODB22599-24HB10A

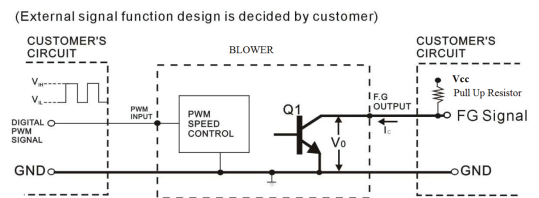


DC Motorized Impeller 24V 225x99mm (8.85"x3.90")



Frame & Impeller	Frame - Aluminum Impeller - UL94V-0 Thermoplastic	Features: Signal Output: Tachometer Speed Control: PWM Weight: ~ 1500g (3.31 lbs) m0	
Connecion	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	ODB22599-24HB10A
Nominal Voltage	24VDC
Voltage Range	16 ~ 28 VDC
Nominal Current	4.6 A
Rated Power	110.4 W
Rated Speed (RPM)	2500
Airflow (CFM)	835
Noise Level (dB)	55
Max. Static Pressure	2.05" H ₂ O

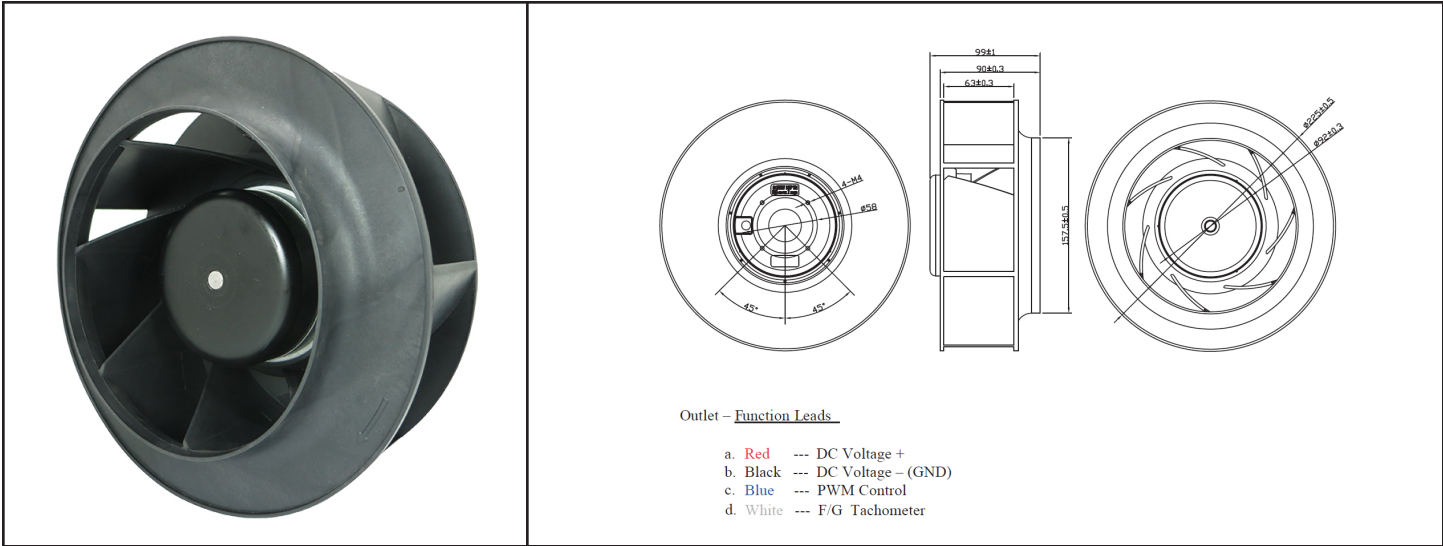


- * FG 2 pulses per revolution
 - * TRANSISTOR Q1 AT "ON" POSITION
COLLECTOR CURRENT: $I_c = 10\text{mA MAX}$
SATURATION VOLTAGE: $V_{ce} = 1\text{V MAX}$
 - * TRANSISTOR Q1 AT "OFF" POSITION
RELEASE VOLTAGE: $V_{on} = V_{cc\text{ Max}}$
 - * DIGITAL PWM SPEED CONTROL POSITION
PWM INPUT VOLTAGE HIGH: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

ODB22599-48HB10A

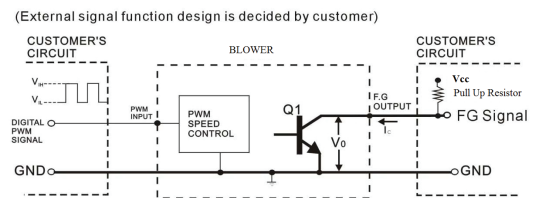


DC Motorized Impeller 48V 225x99mm (8.85"x3.90")



Frame & Impeller	Frame - Aluminum Impeller - UL94V-0 Thermoplastic	Features: Signal Output: Tachometer Speed Control: PWM Weight: ~ 1500g (3.31 lbs) m0	
Conneccion	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	ODB22599-48HB10A
Nominal Voltage	48VDC
Voltage Range	46 ~ 56 VDC
Nominal Current	2.3 A
Rated Power	110.4 W
Rated Speed (RPM)	2500
Airflow (CFM)	835
Noise Level (dB)	55
Max. Static Pressure	2.05" H ₂ O



- * 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..... $FPWM: 100\text{Hz} - 100\text{kHz}$
- Blower will run full speed at 100%, stop at 0%, full speed if PWM not connected