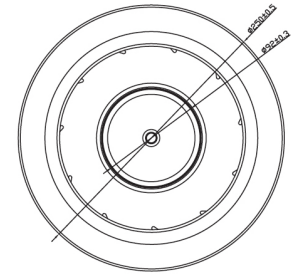
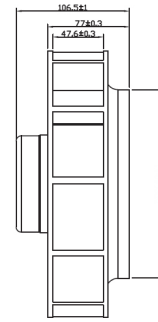
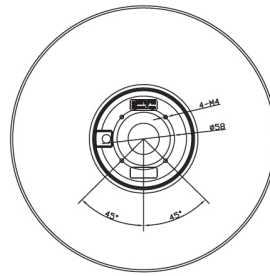


ODB250110-24HB10A



DC Motorized Impeller 24V 250x110mm (9.84"x4.33")



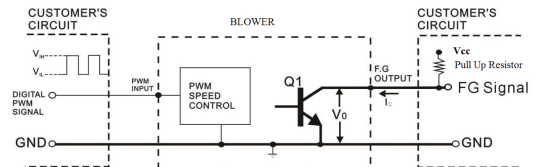
Outlet – Function Leads

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

Frame & Impeller	Frame - Aluminum Impeller - UL94V-0 Thermoplastic	Features: Signal Output: Tachometer Speed Control: PWM Weight: ~ 1600g (3.53 lbs) m0	
Connexion	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	ODB250110-24HB10A
Nominal Voltage	24VDC
Voltage Range	16 ~ 28 VDC
Nominal Current	5.4 A
Rated Power	129.6 W
Rated Speed (RPM)	2600
Airflow (CFM)	825
Noise Level (dB)	67
Max. Static Pressure	1.95" 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----- $V_{CE} = V_{CC} \text{ Max}$

*DIGITAL PWM SPEED CONTROL POSITION

PWM INPUT VOLTAGE HIGH----- $V_{IH} > 2.6\text{V}$

PWM INPUT VOLTAGE LOW----- $V_{IL} < 0.5\text{V}$

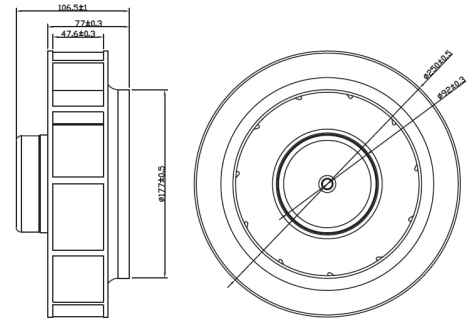
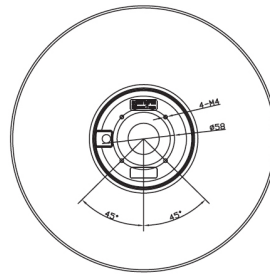
*PWM INPUT FREQUENCY-----FPWM: 100Hz~100KHz

Blower will run full speed at 100%, stop at 0%, full speed if PWM not connected

ODB250110-48HB10A



DC Motorized Impeller 48V 250x110mm (9.84"x4.33")



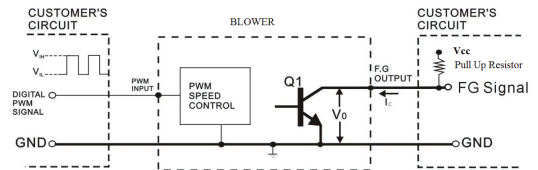
Outlet – Function Leads

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

Frame & Impeller	Frame - Aluminum Impeller - UL94V-0 Thermoplastic	Features: Signal Output: Tachometer Speed Control: PWM Weight: ~ 1600g (3.53 lbs)	
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)	m0	

Part Number	ODB250110-48HB10A
Nominal Voltage	48VDC
Voltage Range	36 ~ 54 VDC
Nominal Current	2.7 A
Rated Power	129.6 W
Rated Speed (RPM)	2600
Airflow (CFM)	825
Noise Level (dB)	67
Max. Static Pressure	1.95" 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----- $V_{CE} = V_{CC} \text{ Max}$

* 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----- $\text{FPWM} = 100\text{Hz} \sim 100\text{KHz}$

Blower will run full speed at 100%, stop at 0%, full speed if PWM not connected