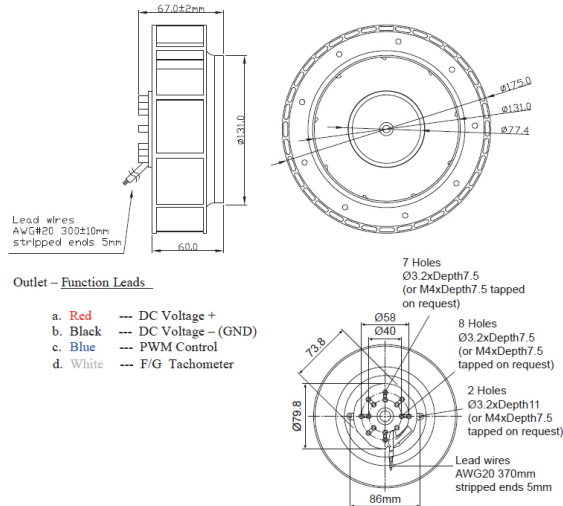
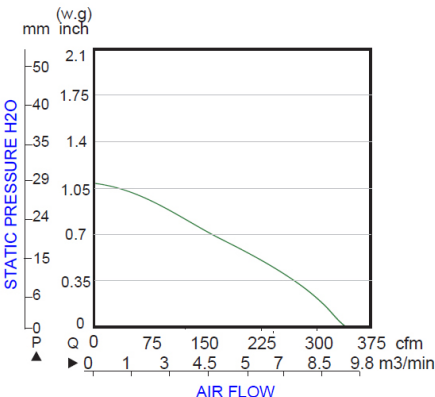


ODB17567-12HB10A



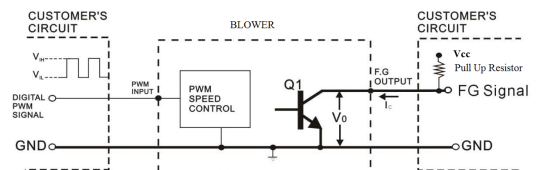
DC Motorized Impeller 12V 175x67mm (6.9"x2.6")



Frame & Impeller	Frame - Diecast aluminum Impeller - UL94V-0 Thermoplastic	Features: Signal Output: Tachometer Speed Control: PWM	 STATIC PRESSURE H₂O AIR FLOW
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	Weight: ~ 1030g (2.27 lbs)	
Storage Temperature	-40C ~ +80C		
Life (L10)	-40,000 hours (40C)		

Part Number	ODB17567-12HB10A
Nominal Voltage	12VDC
Voltage Range	8 ~ 14 VDC
Nominal Current	4.2 A
Rated Power	50.4 W
Rated Speed (RPM)	3000
Airflow (CFM)	338
Noise Level (dB)	64
Max. Static Pressure	1.08" 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 = 10mA MAX

SATURATION VOLTAGE: V_{CE(sat)} = 1 V MAX

* TRANSISTOR Q1 AT "OFF" POSITION

RELEASE VOLTAGE: V_{CE} = V_{CE} Max

* DIGITAL PWM SPEED CONTROL POSITION

PWM INPUT VOLTAGE HIGH: V_{IH} > 2.6V

PWM INPUT VOLTAGE LOW: V_{IL} < 0.5V

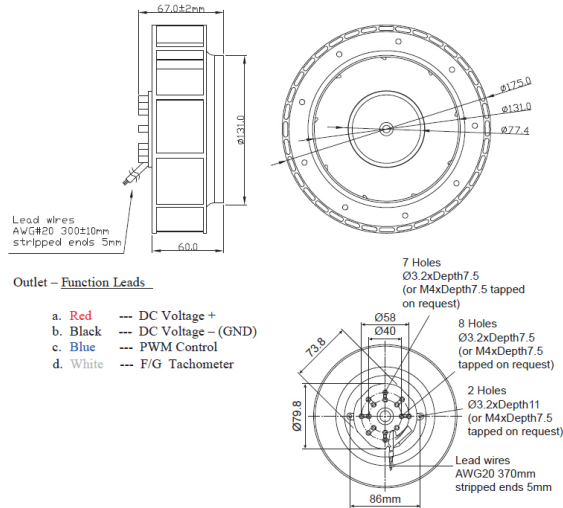
* PWM INPUT FREQUENCY: F_{PWM} = 100Hz~100KHz

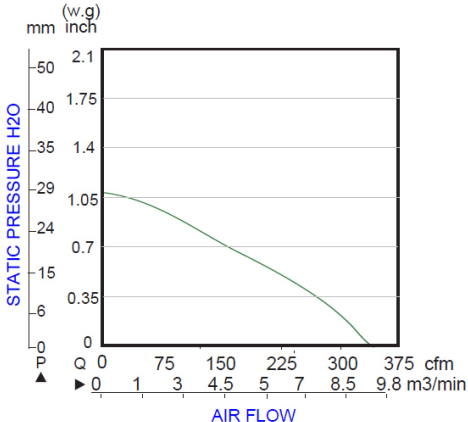
Blower will run full speed at 100%, stop at 0%, full speed if PWM not connected

ODB17567-24HB10A



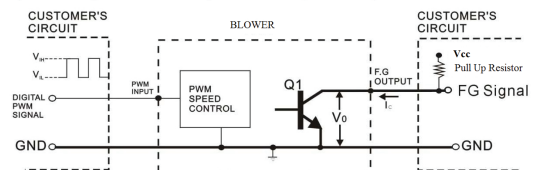
DC Motorized Impeller 24V 175x67mm (6.9"x2.6")



Frame & Impeller	Frame - Diecast aluminum Impeller - UL94V-0 Thermoplastic	Features: Signal Output: Tachometer Speed Control: PWM	 mm (w.g) inch STATIC PRESSURE H₂O AIR FLOW Q 0 75 150 225 300 375 cfm P 0 1 3 4.5 5 7 8.5 9.8 m3/min
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	Weight: ~ 1030g (2.27 lbs)	
Temperature Range	-10C ~ +65C		
Storage Temperature	-40C ~ +80C		
Life (L10)	-40,000 hours (40C)	m0	

Part Number	ODB17567-24HB10A
Nominal Voltage	24VDC
Voltage Range	15 ~ 27.6 VDC
Nominal Current	2.1 A
Rated Power	50.4 W
Rated Speed (RPM)	3000
Airflow (CFM)	338
Noise Level (dB)	64
Max. Static Pressure	1.08" 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----- $V_{IL} < 0.5\text{V}$

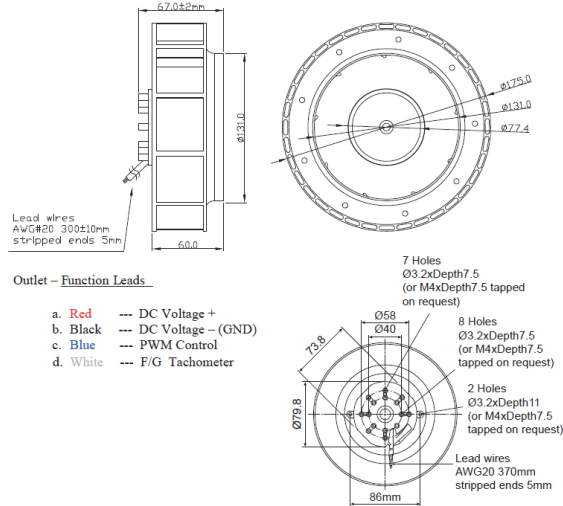
*PWM INPUT FREQUENCY-----FPWM: 100Hz~100KHz

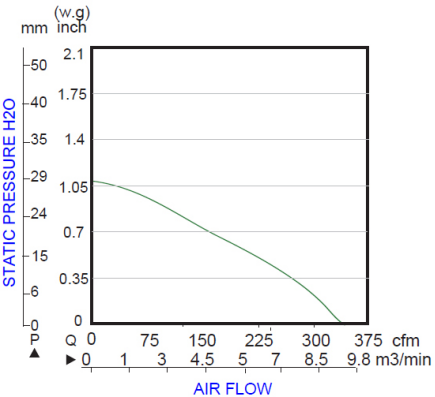
Blower will run full speed at 100%, stop at 0%, full speed if PWM not connected

ODB17567-48HB10A



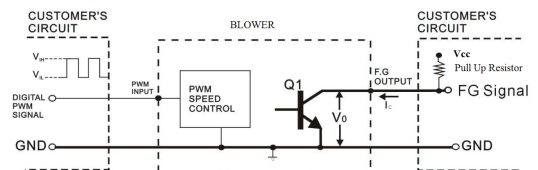
DC Motorized Impeller 48V 175x67mm (6.9"x2.6")



Frame & Impeller	Frame - Diecast aluminum Impeller - UL94V-0 Thermoplastic	Features: Signal Output: Tachometer Speed Control: PWM	
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	Weight: ~ 1030g (2.27 lbs)	
Temperature Range	-10C ~ +65C		
Storage Temperature	-40C ~ +80C		
Life (L10)	-40,000 hours (40C)	m0	

Part Number	ODB17567-48HB10A
Nominal Voltage	48VDC
Voltage Range	22 ~ 54 VDC
Nominal Current	1.10 A
Rated Power	52.8 W
Rated Speed (RPM)	3000
Airflow (CFM)	338
Noise Level (dB)	64
Max. Static Pressure	1.08" 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: $f_{PWM} = 100\text{Hz} \sim 100\text{KHz}$

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