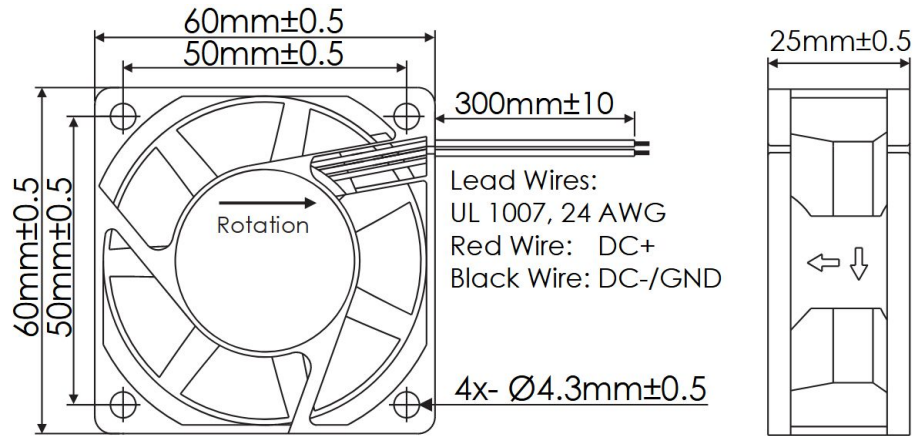


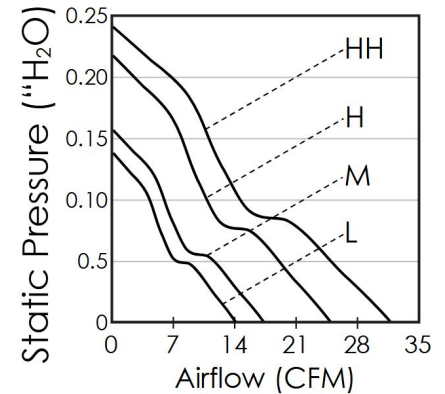
OD6025 Sealed Sleeve Series



DC Fans - 12, 24, 48V
60mm x 25mm (2.4" x 1.0")



Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C <u>Storage Temperature</u> -20°C ~ +70°C <u>Life Expectancy</u> 60,000 Hours (L10 at 35°C) <u>Available Options</u> PWM Speed Control Input Tachometer Output Alarm Output 5V DC Versions IP and Salt Fog Ratings Weight: 0.14 lbs.
Impeller	PBT, UL94 V-0 Plastic	
Connection	2x Lead Wires, 24 AWG	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected	
Bearing System	Sealed Sleeve	
Dielectric Strength	500VDC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500 VDC	

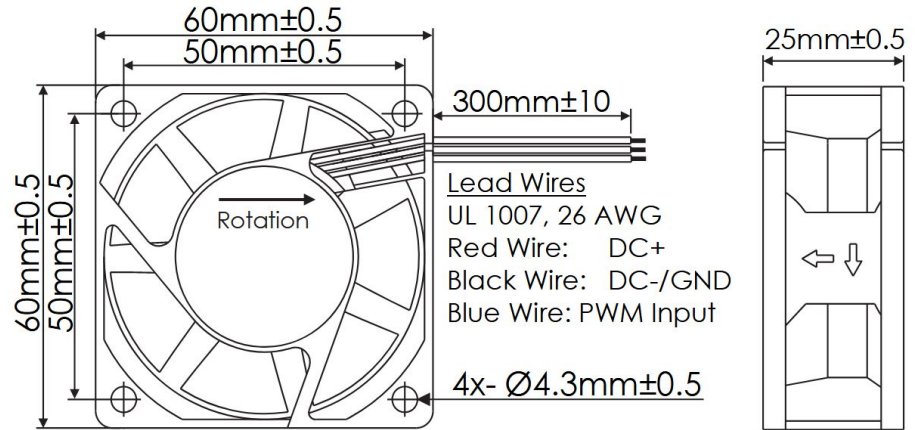


Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Airflow (CFM)	Noise Level (dBA)	Max. Static Pressure ("H ₂ O")
OD6025-12HHSS	12	8 ~ 13.8	1.8	0.21	4390	32	32	0.24"
OD6025-12HSS	12	8 ~ 13.8	1.8	0.15	3975	25	30	0.22"
OD6025-12MSS	12	8 ~ 13.8	1.5	0.12	3150	17	25	0.16"
OD6025-12LSS	12	8 ~ 13.8	1.0	0.08	2480	14	20	0.14"
OD6025-24HHSS	24	15 ~ 26	2.8	0.15	4390	32	32	0.24"
OD6025-24HSS	24	15 ~ 26	2.8	0.12	3975	25	30	0.22"
OD6025-24MSS	24	15 ~ 26	2.2	0.09	3150	17	25	0.16"
OD6025-24LSS	24	15 ~ 26	1.5	0.06	2480	14	20	0.14"
OD6025-48HHSS	48	28 ~ 52	6.2	0.13	4390	32	32	0.24"
OD6025-48HSS	48	28 ~ 52	5.3	0.11	3975	25	30	0.22"

OD6025 Sealed Sleeve Series with PWM

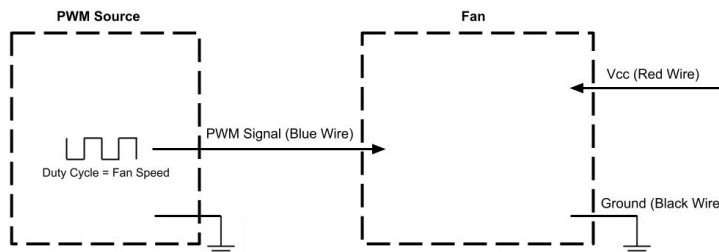


DC Fans - 12, 24, 48V
60mm x 25mm (2.4" x 1.0")



Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C <u>Storage Temperature</u> -20°C ~ +70°C <u>Life Expectancy</u> 60,000 Hours (L10 at 35°C) <u>Installed Options</u> PWM Speed Control Input Weight: 0.14 lbs.
Impeller	PBT, UL94 V-0 Plastic	
Connection	3x Lead Wires, 26 AWG	Static Pressure ("H₂O") vs. Airflow (CFM) graph showing performance curves for HH, H, M, and L models.
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected	
Bearing System	Sealed Sleeve	
Dielectric Strength	500VDC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500 VDC	

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Airflow (CFM)	Noise Level (dBA)	Max. Static Pressure ("H ₂ O")
OD6025-12HHSS05	12	8 ~ 13.8	1.8	0.21	4390	32	32	0.24"
OD6025-12HSS05	12	8 ~ 13.8	1.8	0.15	3975	25	30	0.22"
OD6025-12MSS05	12	8 ~ 13.8	1.5	0.12	3150	17	25	0.16"
OD6025-12LSS05	12	8 ~ 13.8	1.0	0.08	2480	14	20	0.14"
OD6025-24HHSS05	24	15 ~ 26	2.8	0.15	4390	32	32	0.24"
OD6025-24HSS05	24	15 ~ 26	2.8	0.12	3975	25	30	0.22"
OD6025-24MSS05	24	15 ~ 26	2.2	0.09	3150	17	25	0.16"
OD6025-24LSS05	24	15 ~ 26	1.5	0.06	2480	14	20	0.14"
OD6025-48HHSS05	48	28 ~ 52	6.2	0.13	4390	32	32	0.24"
OD6025-48HSS05	48	28 ~ 52	5.3	0.11	3975	25	30	0.22"

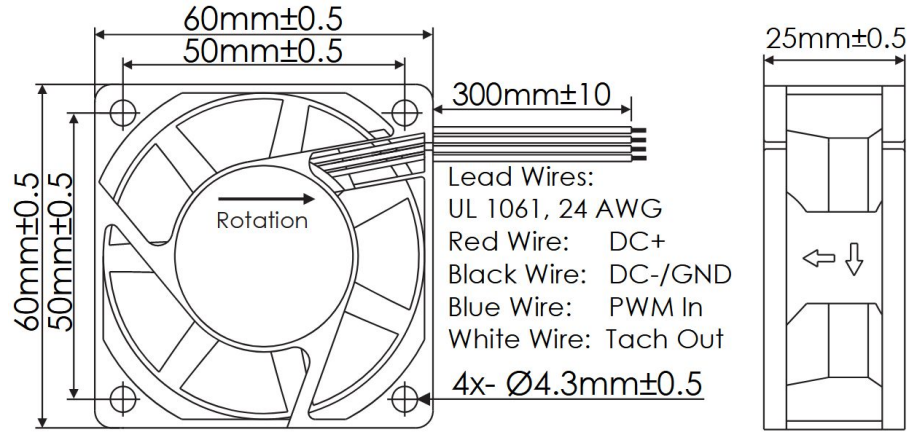


PWM Max High Voltage: 5V
PWM Max Sink Current: 5mA
PWM Frequency Range: 1KHz-100KHz
PWM Typical Frequency: 25KHz
RPM at 0% Duty Cycle: 0 RPM
RPM will be full speed if PWM input is disconnected.
RPM will be 0 RPM if PWM input is grounded.

OD6025 Sealed Sleeve Series with PWM and Tach

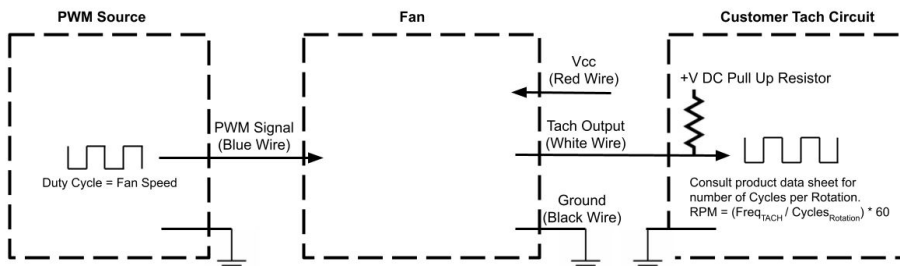


DC Fans - 12, 24, 48V
60mm x 25mm (2.4" x 1.0")



Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C	Static Pressure ("H₂O") Airflow (CFM)
Impeller	PBT, UL94 V-0 Plastic	<u>Storage Temperature</u> -20°C ~ +70°C	
Connection	4x Lead Wires, 24 AWG	<u>Life Expectancy</u> 60,000 Hours (L10 at 35°C)	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected	<u>Installed Options</u> PWM Speed Control Input Open Collector Tach Output	
Bearing System	Sealed Sleeve	Weight: 0.14 lbs.	
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 500 VDC		

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Airflow (CFM)	Noise Level (dBA)	Max. Static Pressure ("H ₂ O")
OD6025-12HHSS10A	12	8 ~ 13.8	1.8	0.21	4390	32	32	0.24"
OD6025-12HSS10A	12	8 ~ 13.8	1.8	0.15	3975	25	30	0.22"
OD6025-12MSS10A	12	8 ~ 13.8	1.5	0.12	3150	17	25	0.16"
OD6025-12LSS10A	12	8 ~ 13.8	1.0	0.08	2480	14	20	0.14"
OD6025-24HHSS10A	24	15 ~ 26	2.8	0.15	4390	32	32	0.24"
OD6025-24HSS10A	24	15 ~ 26	2.8	0.12	3975	25	30	0.22"
OD6025-24MSS10A	24	15 ~ 26	2.2	0.09	3150	17	25	0.16"
OD6025-24LSS10A	24	15 ~ 26	1.5	0.06	2480	14	20	0.14"
OD6025-48HHSS10A	48	28 ~ 52	6.2	0.13	4390	32	32	0.24"
OD6025-48HSS10A	48	28 ~ 52	5.3	0.11	3975	25	30	0.22"



Tach Max Pullup Voltage: Fan Vcc
Tach Max Sink Current: 8mA
Tach Cycles per Rotation: 2
PWM Max High Voltage: 5V
PWM Max Sink Current: 5mA
PWM Frequency Range: 1KHz-100KHz
PWM Typical Frequency: 25KHz
RPM at 0% Duty Cycle: 0 RPM
RPM will be full speed if PWM input is disconnected.
RPM will be 0 RPM if PWM input is grounded.