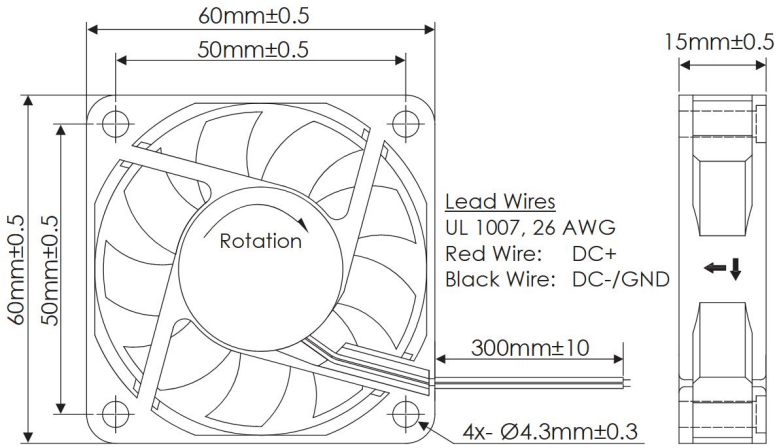
OD6015 Series

DC Fans - 5, 12, 24, 48V
60mm x 15mm (2.4" x 0.6")





Frame	PBT, UL94 V-0 Plastic
Impeller	PBT, UL94 V-0 Plastic
Connection	2x Wire Leads, 26 AWG
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected
Bearing System	Dual Ball Bearings
Dielectric Strength	500VDC/min, <1mA
Insulation Resistance	≥10MΩ @ 500 VDC

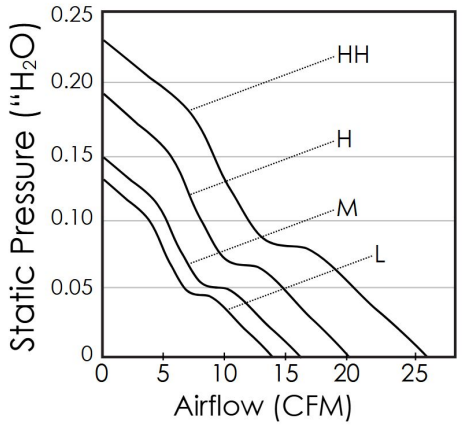
Operating Temperature
-20°C ~ +65°C

Storage Temperature
-20°C ~ +75°C

Life Expectancy
70,000 Hours (L10 at 40°C)

Available Options
Tachometer Output
Alarm Output
PWM Speed Control Input
IP Ratings
Sleeve Bearings

Weight: 0.07 lbs.



Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H_2O)
OD6015-05HB	5	4.5 ~ 5.5	1.5	0.25	4250	20.2	32.4	0.19
OD6015-05MB	5	4.5 ~ 5.5	1.2	0.19	3990	17.1	30.6	0.15
OD6015-05LB	5	4.5 ~ 5.5	0.8	0.15	3500	14.3	27.2	0.13
OD6015-12HHB	12	8 ~ 13.8	2.9	0.24	4975	25.8	36.3	0.23
OD6015-12HB	12	8 ~ 13.8	2.2	0.18	4250	20.2	32.4	0.19
OD6015-12MB	12	8 ~ 13.8	1.9	0.15	3990	17.1	30.6	0.15
OD6015-12LB	12	8 ~ 13.8	1.2	0.10	3500	14.3	27.2	0.13
OD6015-24HHB	24	15 ~ 26	3.6	0.15	4975	25.8	36.3	0.23
OD6015-24HB	24	15 ~ 26	3.5	0.15	4250	20.2	32.4	0.19
OD6015-24MB	24	15 ~ 26	3.2	0.13	3990	17.1	30.6	0.15
OD6015-24LB	24	15 ~ 26	2.0	0.07	3500	14.3	27.2	0.13
OD6015-48HHB	48	28 ~ 52	3.5	0.07	4975	25.8	36.3	0.23
OD6015-48HB	48	28 ~ 52	3.4	0.07	4250	20.2	32.4	0.19

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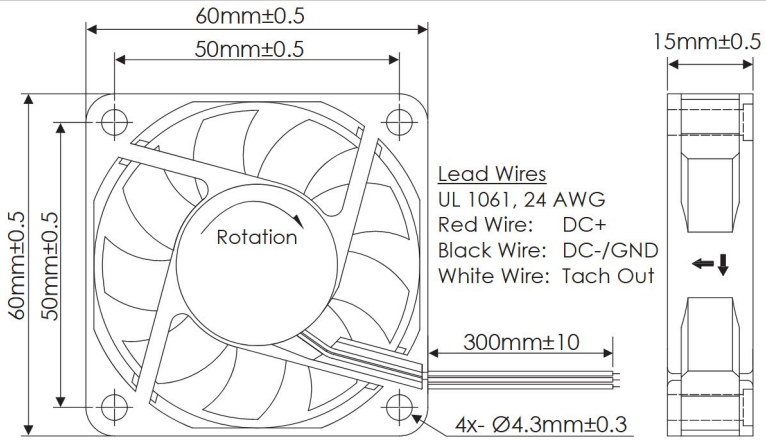
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OD6015 Series with Tach

DC Fans - 5, 12, 24, 48V
60mm x 15mm (2.4" x 0.6")





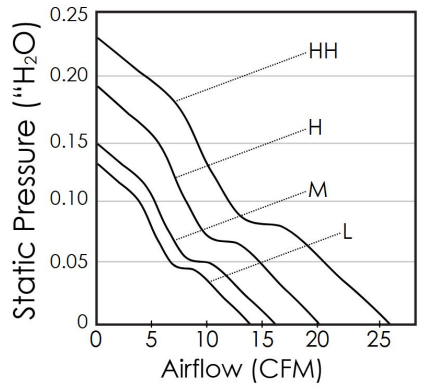
Frame	PBT, UL94 V-0 Plastic
Impeller	PBT, UL94 V-0 Plastic
Connection	3x Wire Leads, 24 AWG
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected
Bearing System	Dual Ball Bearings
Dielectric Strength	500VDC/min, <1mA
Insulation Resistance	≥10MΩ @ 500 VDC

Operating Temperature
-20°C ~ +65°C
Storage Temperature
-20°C ~ +75°C
Life Expectancy
70,000 Hours (L10 at 40°C)

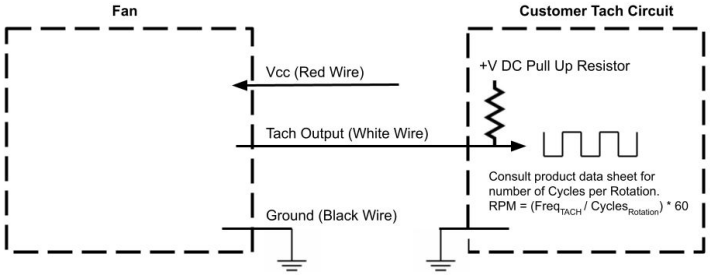
Installed Options
Open Collector Tach Output

Available Options
5V TTL Tach Output

Weight: 0.07 lbs.



Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H_2O)
OD6015-05HB01A	5	4.5 ~ 5.5	1.5	0.25	4250	20.2	32.4	0.19
OD6015-05MB01A	5	4.5 ~ 5.5	1.2	0.19	3990	17.1	30.6	0.15
OD6015-05LB01A	5	4.5 ~ 5.5	0.8	0.15	3500	14.3	27.2	0.13
OD6015-12HHB01A	12	8 ~ 13.8	2.9	0.24	4975	25.8	36.3	0.23
OD6015-12HB01A	12	8 ~ 13.8	2.2	0.18	4250	20.2	32.4	0.19
OD6015-12MB01A	12	8 ~ 13.8	1.9	0.15	3990	17.1	30.6	0.15
OD6015-12LB01A	12	8 ~ 13.8	1.2	0.10	3500	14.3	27.2	0.13
OD6015-24HHB01A	24	15 ~ 26	3.6	0.15	4975	25.8	36.3	0.23
OD6015-24HB01A	24	15 ~ 26	3.5	0.15	4250	20.2	32.4	0.19
OD6015-24MB01A	24	15 ~ 26	3.2	0.13	3990	17.1	30.6	0.15
OD6015-24LB01A	24	15 ~ 26	2.0	0.07	3500	14.3	27.2	0.13
OD6015-48HHB01A	48	28 ~ 52	3.5	0.07	4975	25.8	36.3	0.23
OD6015-48HB01A	48	28 ~ 52	3.4	0.07	4250	20.2	32.4	0.19



Tach Max Pullup Voltage: Fan Vcc
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 2

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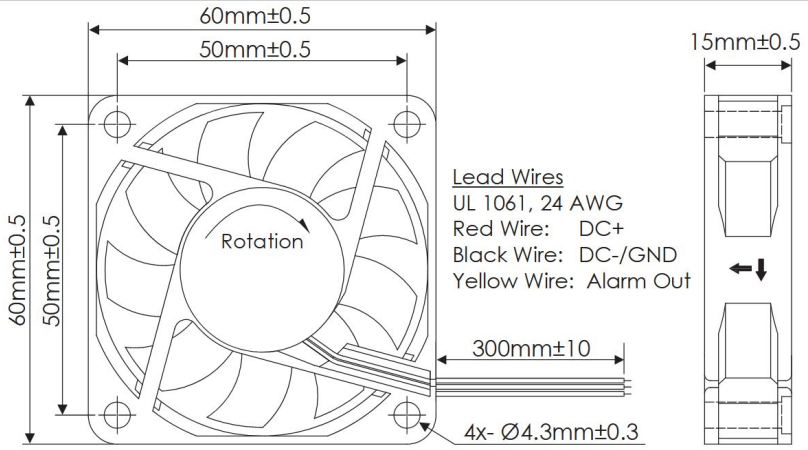
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OD6015 Series with Alarm

DC Fans - 5, 12, 24, 48V
60mm x 15mm (2.4" x 0.6")

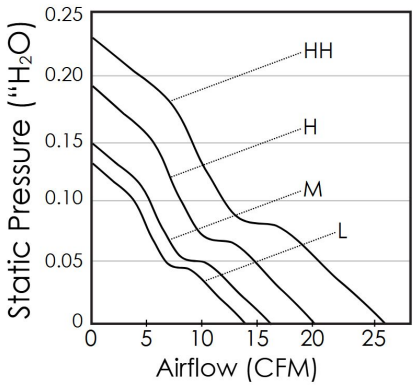




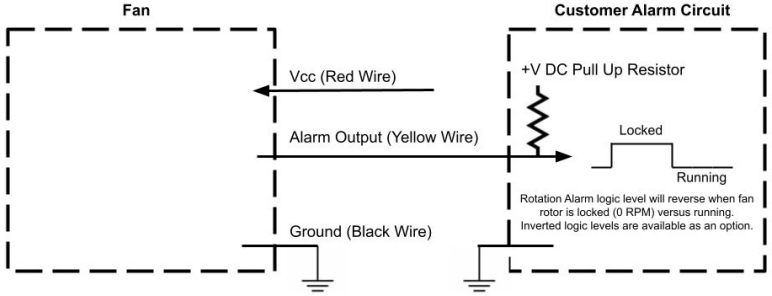
Frame	PBT, UL94 V-0 Plastic
Impeller	PBT, UL94 V-0 Plastic
Connection	3x Wire Leads, 24 AWG
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected
Bearing System	Dual Ball Bearings
Dielectric Strength	500VDC/min, <1mA
Insulation Resistance	≥10MΩ @ 500 VDC

Operating Temperature
-20°C ~ +65°C
Storage Temperature
-20°C ~ +75°C
Life Expectancy
70,000 Hours (L10 at 40°C)
Installed Options
Open Collector Alarm Output
Available Options
Inverted Alarm Logic
5V TTL Alarm Output

Weight: 0.07 lbs.



Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H_2O)
OD6015-05HB02A	5	4.5 ~ 5.5	1.5	0.25	4250	20.2	32.4	0.19
OD6015-05MB02A	5	4.5 ~ 5.5	1.2	0.19	3990	17.1	30.6	0.15
OD6015-05LB02A	5	4.5 ~ 5.5	0.8	0.15	3500	14.3	27.2	0.13
OD6015-12HHB02A	12	8 ~ 13.8	2.9	0.24	4975	25.8	36.3	0.23
OD6015-12HB02A	12	8 ~ 13.8	2.2	0.18	4250	20.2	32.4	0.19
OD6015-12MB02A	12	8 ~ 13.8	1.9	0.15	3990	17.1	30.6	0.15
OD6015-12LB02A	12	8 ~ 13.8	1.2	0.10	3500	14.3	27.2	0.13
OD6015-24HHB02A	24	15 ~ 26	3.6	0.15	4975	25.8	36.3	0.23
OD6015-24HB02A	24	15 ~ 26	3.5	0.15	4250	20.2	32.4	0.19
OD6015-24MB02A	24	15 ~ 26	3.2	0.13	3990	17.1	30.6	0.15
OD6015-24LB02A	24	15 ~ 26	2.0	0.07	3500	14.3	27.2	0.13
OD6015-48HHB02A	48	28 ~ 52	3.5	0.07	4975	25.8	36.3	0.23
OD6015-48HB02A	48	28 ~ 52	3.4	0.07	4250	20.2	32.4	0.19



Alarm Max Pullup Voltage: Fan Vcc
Alarm Max Sink Current: 5mA
Alarm Active Logic State: HIGH

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