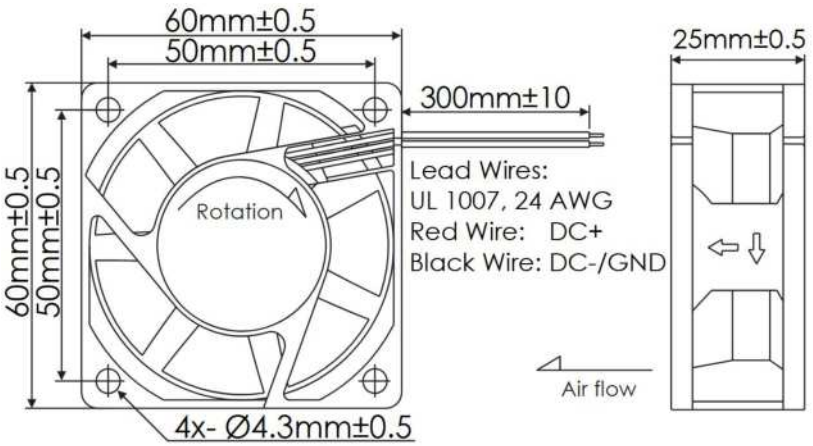
OD6025
5 Volt Series

DC Fans - 5V
60mm x 25mm (2.4" x 1.0")



Frame	PBT, UL94 V-0 Plastic
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	Dual Ball Bearings
Dielectric Strength	500VDC/min, <1mA
Insulation Resistance	≥10MΩ @ 500 VDC

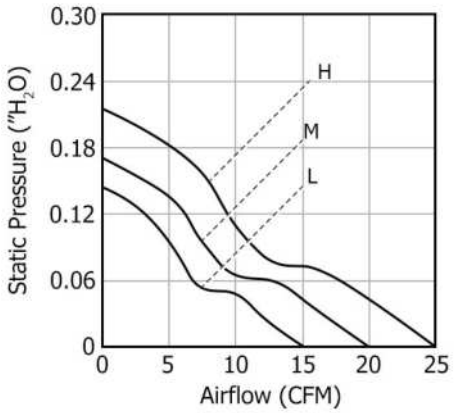
Operating Temperature
-20°C ~ +65°C

Storage Temperature
-20°C ~ +70°C

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

Available Options
PWM Speed Control Input
Tachometer Output
Alarm Output

Weight: 0.14 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)
OD6025-05HB	5	4.5 ~ 5.5	1.6	0.32	3575	25	30.2	0.22
OD6025-05MB	5	4.5 ~ 5.5	1.2	0.24	3180	20	26.4	0.17
OD6025-05LB	5	4.5 ~ 5.5	0.9	0.17	2795	15	21.1	0.14

Knight Electronics, Inc.
10557 Metric Drive
Dallas, TX 75243
214-340-0265

Revised 7/7/2026
m0

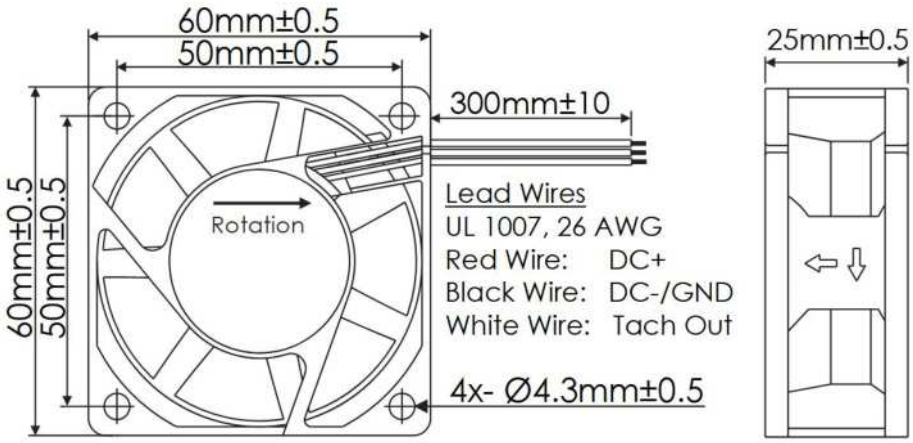
c UL us E170149 CE UKCA RoHS TÜV

Orion Fans

Information and data is subject to change without prior notification

OD6025 5 Volt Series with Tachometer

DC Fans - 5V
60mm x 25mm (2.4" x 1.0")



Frame	PBT, UL94 V-0 Plastic
Impeller	PBT, UL94 V-0 Plastic
Connection	3x Lead Wires, 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

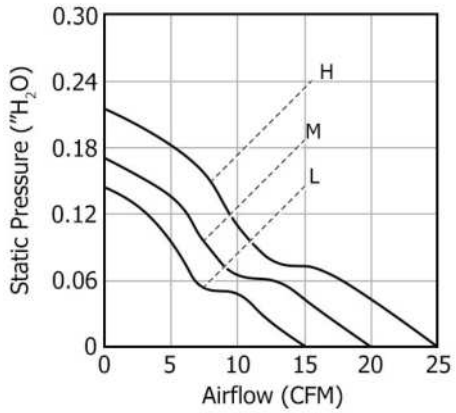
Storage Temperature
-20°C ~ +70°C

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

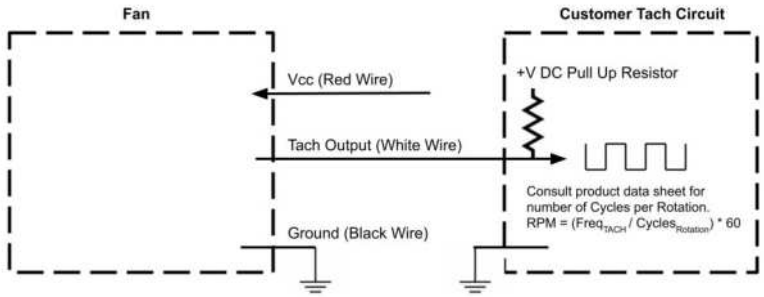
Installed Options
Open Collector Tach Output

Available Options
5V TTL Tachometer Type

Weight: 0.14 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)
OD6025-05HB01A	5	4.5 ~ 5.5	1.6	0.32	3575	25	30.2	0.22
OD6025-05MB01A	5	4.5 ~ 5.5	1.2	0.24	3180	20	26.4	0.17
OD6025-05LB01A	5	4.5 ~ 5.5	0.9	0.17	2795	15	21.1	0.14



Tach Max Pullup Voltage: 5V DC
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 2

Knight Electronics, Inc.
10557 Metric Drive
Dallas, TX 75243
214-340-0265

Revised 7/7/2026
m0

c UL us E170149 CE UKCA RoHS TÜV

Orion Fans
Information and data is subject to change without prior notification