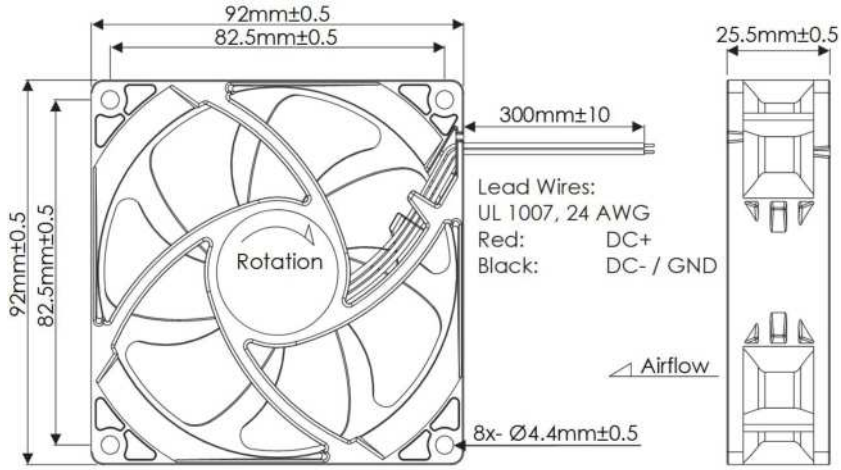
OD9225 XE Series

DC Fans - 12, 24, 48V
92mm x 25mm (3.6" 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	Ball Bearings
Dielectric Strength	500VDC/min, <1mA
Insulation Resistance	≥10MΩ @ 500V DC

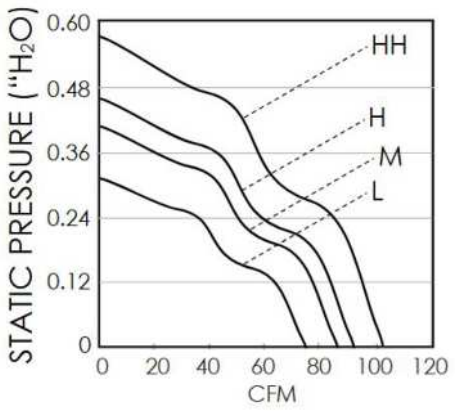
Operating Temperature
-20°C ~ +65°C

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

Weight: 0.18 lbs.



Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)(Max)	Rated Current (Amps)(Max)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H_2O)
OD9225-12HHBXE	12	8 ~ 13.8	10.2	0.85	5475	102.7	55.2	0.58
OD9225-12HBXE	12	8 ~ 13.8	8.4	0.70	5000	93.8	53	0.47
OD9225-12MBXE	12	8 ~ 13.8	5.4	0.45	4490	84.6	50.2	0.40
OD9225-12LBXE	12	8 ~ 13.8	4.2	0.35	4000	75.7	48.0	0.31
OD9225-24HHBXE	24	15 ~ 26	10.3	0.43	5475	102.7	55.2	0.58
OD9225-24HBXE	24	15 ~ 26	8.4	0.35	5000	93.8	53	0.47
OD9225-24MBXE	24	15 ~ 26	5.5	0.23	4490	84.6	50.2	0.40
OD9225-24LBXE	24	15 ~ 26	4.6	0.19	4000	75.7	48.0	0.31
OD9225-48HHBXE	48	28 ~ 52	14.4	0.30	5475	102.7	55.2	0.58
OD9225-48HBXE	48	28 ~ 52	9.6	0.20	5000	93.8	53	0.47
OD9225-48MBXE	48	28 ~ 52	7.2	0.15	4490	84.6	50.2	0.40
OD9225-48LBXE	48	28 ~ 52	4.0	0.10	4000	75.7	48.0	0.31

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

Revised 10/27/2023
m0

Orion Fans

Information and data is subject to change without prior notification