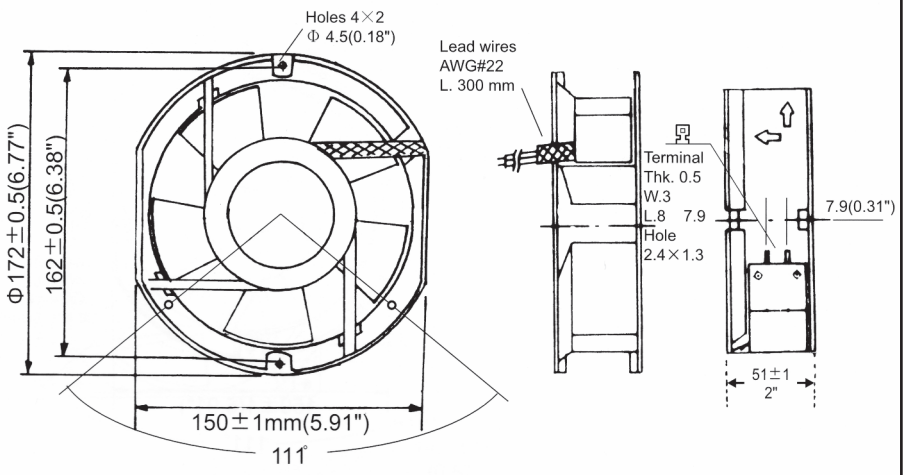
OD172S Series

DC Fan - 12, 24, 48V
172x150x51mm (6.7"x 5.9"x 2.0")



Frame	Diecast Aluminum
Impeller	PBT, UL94V-0 plastic
Connection	2x Lead wires, AWG22 or terminals
Motor	Brushless DC, auto restart, polarity protected
Bearing System	Dual ball bearing
Insulation Resistance	10M ohm between leadwire and frame (500VDC)
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp
Storage Temperature	-40C ~ +80C

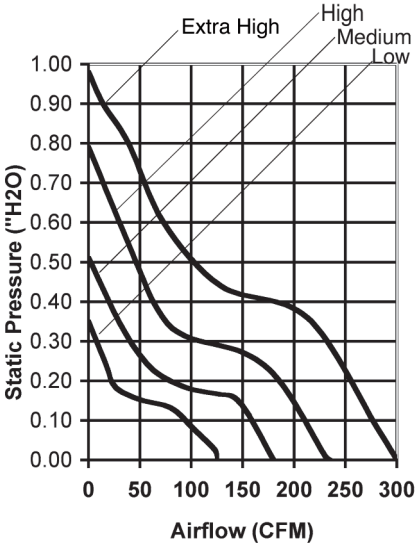
Available Options:
Tachometer
Alarm
Thermistor Speed Control
PWM Speed Control

Life Expectancy (L10)
Ball - 40,000 hrs (60C)

Operating Temperature
Ball: -20C ~ +75C

Weight: ~1.8 lbs

m0



Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts DC	Voltage Range	Amps	Max. Static Pressure ("H_2O)
OD172SAP-12HH *	3800	290	56	12	8~14	2.90	0.93
OD172SAP-12H *	3200	230	52	12	8~14	1.90	0.75
OD172SAP-12M *	2500	180	42	12	8~14	1.10	0.51
OD172SAP-12L *	1600	125	32	12	8~14	0.45	0.35
OD172SAP-24HH *	3900	300	57	24	15~28	2.10	0.98
OD172SAP-24H *	3300	235	52	24	15~28	0.97	0.79
OD172SAP-24M *	2500	180	42	24	15~28	0.52	0.51
OD172SAP-24L *	1600	125	32	24	15~28	0.20	0.35
OD172SAP-48HH *	3900	300	57	48	22~53	0.69	0.98
OD172SAP-48H *	3300	235	52	48	22~53	0.48	0.79
OD172SAP-48M *	2500	180	42	48	22~53	0.30	0.51
OD172SAP-48L *	1600	125	32	48	22~53	0.12	0.35

* Indicate "B" for wire leads or "TB" for Terminals

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

RoHS Compliant

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

Mouser Electronics

Authorized Distributor

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Orion Fans:

OD172SAP-48MTB OD172SAP-48LTB OD172SAP-24HB-02 OD172SAP-12LTB OD172SAP-12LB OD172SAP-12HB OD172SAP-12MB OD172SAP-24MTB OD172SAP-24MB OD172SAP-48HWB OD172SAP-24LTB OD172SAP-24HB OD172SAP-24LB OD172SAP-48LB OD172SAP-48MB OD172SAP-12MTB OD172SAP-24HB01 OD172SAP-12HTB OD172SAP-24HTB OD172SAP-24HWB OD172SAP-48HTB OD172SAP-24HB04 OD172SAP-12HB02A OD172SAP-24HB02A OD172SAP-48HHB OD172SAP-12HHB OD172SAP-24HHB OD172SAP-48HB OD172SAP-12HHTB OD172SAP-24HHTB OD172SAP-48HHTB