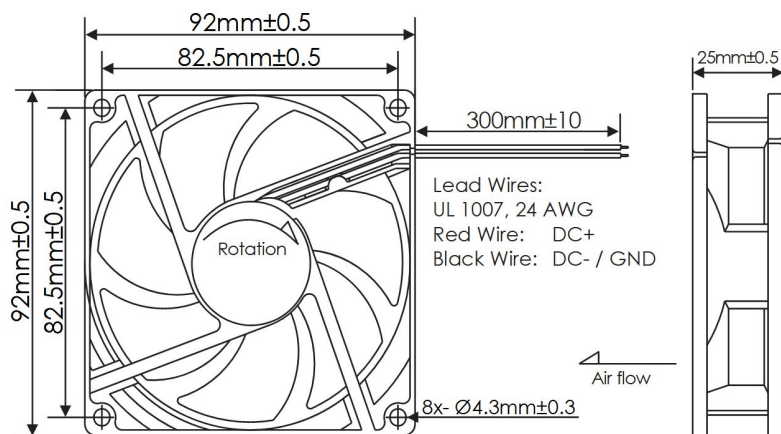


OD9225 IP69K Series



DC Fans - 12, 24, 48V
92mm x 25mm (3.6" x 1.0")



Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C <u>Storage Temperature</u> -20°C ~ +75°C <u>Life Expectancy</u> 70,000 Hours (L10 at 40°C) <u>Available Options</u> Tachometer Output Alarm Output PWM Speed Control Input Other IP Ratings Weight: 0.21 lbs
Impeller	PBT, UL94 V-0 Plastic	
Connection	2x Lead Wires, 24 AWG	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected, IP69K	
Bearing System	Dual Ball Bearings	
Dielectric Strength	500VAC/min, < 1mA	
Insulation Resistance	≥10M Ohm @ 500 VDC	

The graph plots Static Pressure (inches of H2O) on the y-axis (0 to 0.30) against CFM on the x-axis (0 to 70). Four curves are shown, labeled HH, H, M, and L from top to bottom. Each curve starts at a static pressure of approximately 0.24, 0.22, 0.18, and 0.12 inches of H2O respectively at 0 CFM. The curves show a steep decline in static pressure as CFM increases, eventually leveling off. Dashed lines extend from the end of each curve to the y-axis, indicating the static pressure at 0 CFM.

CFM	HH (in. H2O)	H (in. H2O)	M (in. H2O)	L (in. H2O)
0	0.24	0.22	0.18	0.12
10	0.22	0.20	0.16	0.10
20	0.20	0.18	0.14	0.08
30	0.18	0.16	0.12	0.06
40	0.16	0.14	0.10	0.04
50	0.14	0.12	0.08	0.02
60	0.12	0.10	0.06	0.00
70	0.10	0.08	0.04	0.00

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)
OD9225-12HBIP69K	12	8 ~ 13.8	3.0	0.29	2900	49.8	35	0.24"
OD9225-24HBIP69K	24	15 ~ 26.4	3.5	0.18	2900	49.8	35	0.24"
OD9225-48HBIP69K	48	28 ~ 52.8	4.3	0.09	2900	49.8	35	0.24"