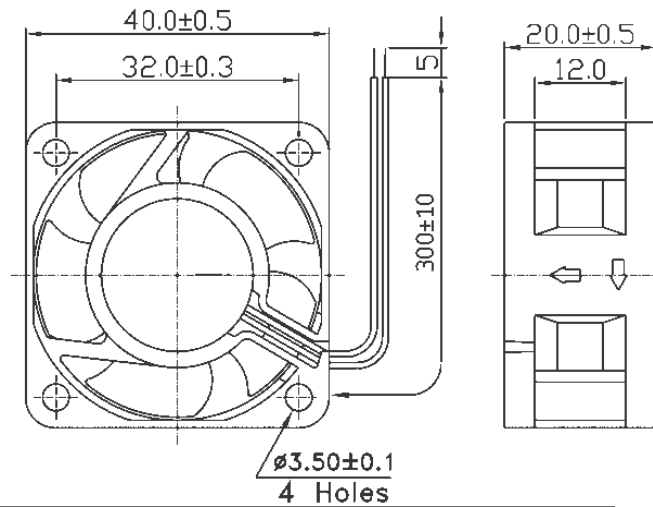


**ORION
FANS**



Frame & Impeller	PBT, UL94V-0 plastic	Available Options: Sleeve Bearing Sealed Sleeve Bearing Tachometer Alarm <u>Life Expectancy (L10)</u> Ball - 60,000 hrs (45C) Sleeve - 30,000 hrs (45C) <u>Operating Temperature</u> Ball: -10C ~ 70C Weight: ~0.06 lbs. m1
Connection	2x Lead wires 26AWG	
Motor	Brushless DC, auto restart, impedance and polarity protected	
Bearing System	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	

The graph shows Static Pressure (inches of water) on the y-axis (0.00 to 0.30) versus Airflow (CFM) on the x-axis (0 to 10). Three performance curves are shown: H (top), M (middle), and L (bottom). All curves show a decrease in static pressure as airflow increases.

Airflow (CFM)	Static Pressure (H) (inH2O)	Static Pressure (M) (inH2O)	Static Pressure (L) (inH2O)
0	0.30	0.25	0.20
2	0.22	0.18	0.12
4	0.15	0.12	0.08
6	0.10	0.08	0.05
8	0.05	0.04	0.02
10	0.02	0.01	0.00

Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts DC	Voltage Range (VDC)	Amps	Max. Static Pressure ("H ₂ O)
OD4020-05HB	7800	9	36	5	4 ~ 7	0.29	0.30
OD4020-05MB	6900	8	33	5	4 ~ 7	0.16	0.24
OD4020-05LB	6200	7	30	5	4 ~ 7	0.14	0.19
OD4020-12HB	7800	9	36	12	7 ~ 14	0.10	0.30
OD4020-12MB	6900	8	33	12	7 ~ 14	0.08	0.24
OD4020-12LB	6200	7	30	12	7 ~ 14	0.07	0.19
OD4020-24HB	7800	9	36	24	10 ~ 27	0.09	0.30
OD4020-24MB	6900	8	33	24	10 ~ 27	0.07	0.24
OD4020-24LB	6200	7	30	24	10 ~ 27	0.06	0.19

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