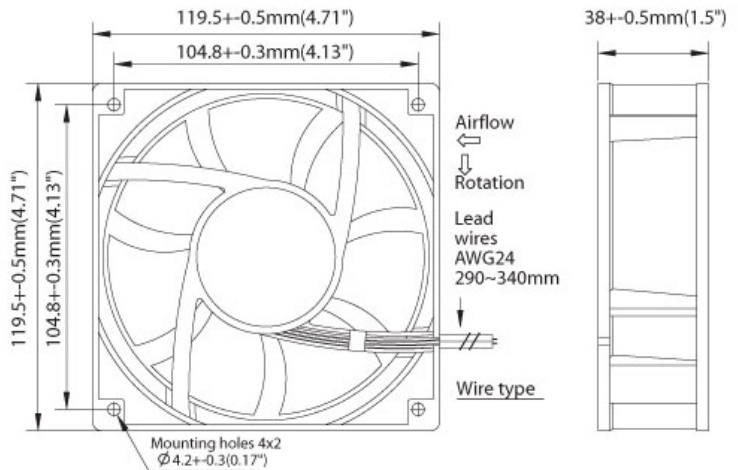


OD1238 IP68 Series



DC Fan - 12, 24, 48V
120x38mm (4.7"x 1.5")



Frame & Impeller	PBT, UL94V-0 plastic	<u>Available Options:</u> Tachometer Alarm PWM High Performance Available <u>Life Expectancy (L10) Ball -</u> 65,000 hrs (45C) <u>Operating Temperature</u> Ball: -15C ~ 65C Weight: ~ 0.57 lbs m0	The graph plots Static Pressure H2O (mm inch) on the y-axis (0 to 25) against Air Flow (cfm and m3/min) on the x-axis (0 to 200). Four curves are shown: HH (blue dotted), M (blue solid), L (green solid), and H (green dotted). Points P and Q are marked on the y-axis at 0. <table border="1"><caption>Approximate data points from the graph</caption><thead><tr><th>Air Flow (cfm)</th><th>Air Flow (m3/min)</th><th>HH (mm inch)</th><th>M (mm inch)</th><th>L (mm inch)</th><th>H (mm inch)</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>13</td><td>10</td><td>8</td><td>6</td></tr><tr><td>50</td><td>1</td><td>10</td><td>7</td><td>5</td><td>4</td></tr><tr><td>100</td><td>2</td><td>4</td><td>3</td><td>2</td><td>1</td></tr><tr><td>150</td><td>3</td><td>2</td><td>1</td><td>0.5</td><td>0.2</td></tr></tbody></table>	Air Flow (cfm)	Air Flow (m3/min)	HH (mm inch)	M (mm inch)	L (mm inch)	H (mm inch)	0	0	13	10	8	6	50	1	10	7	5	4	100	2	4	3	2	1	150	3	2	1	0.5	0.2
Air Flow (cfm)	Air Flow (m3/min)			HH (mm inch)	M (mm inch)	L (mm inch)	H (mm inch)																										
0	0			13	10	8	6																										
50	1			10	7	5	4																										
100	2			4	3	2	1																										
150	3			2	1	0.5	0.2																										
Connection	2x Lead wires 24AWG																																
Motor	Brushless DC, auto restart, polarity protected, IP68																																
Bearing System	Ball bearing																																
Insulation Resistance	10M ohm between leadwire and frame (500 VDC)																																
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 μ A																																
Storage Temperature	-25C ~ +70C																																

Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts DC	Input Power (Watts)	Amps	Max. Static Pressure ("H ₂ O)
OD1238-12HHBIP68	3200	136	48	12	8.4	0.7	0.56
OD1238-12HBIP68	2900	124	44	12	6.0	0.50	0.47
OD1238-12MBIP68	2600	115	41	12	4.8	0.40	0.43
OD1238-24HHBIP68	3200	136	48	24	8.4	0.35	0.56
OD1238-24HBIP68	2900	124	44	24	5.5	0.23	0.47
OD1238-24MBIP68	2600	115	41	24	4.6	0.19	0.43
OD1238-24LBIP68	2300	103	38	24	3.6	0.15	0.34
OD1238-48HHBIP68	3200	136	48	48	7.7	0.16	0.56
OD1238-48HBIP68	2900	124	44	48	5.0	0.10	0.47
OD1238-48MBIP68	2600	115	41	48	3.8	0.08	0.43
OD1238-48LBIP68	2300	103	38	48	3.4	0.07	0.34