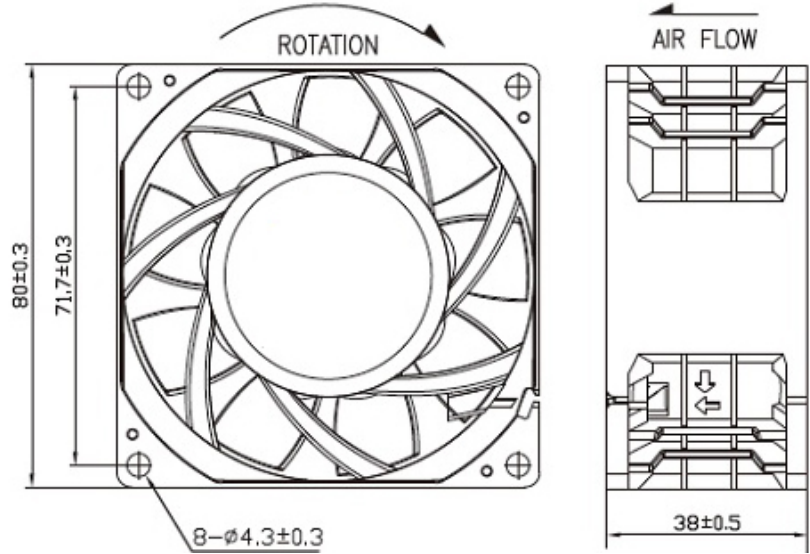


OD8038 IP68 Series



DC Fan - 12, 24V
80x38mm (3.15"x 1.5")



Frame & Impeller	PBT, UL94V-0 plastic	<u>Available Options:</u> Tachometer Alarm PWM <u>Life Expectancy (L10)</u> Ball - 70,000 hrs (40C) <u>Operating Temperature</u> Ball: -10C ~ 70C Weight: ~ 0.46 lbs m0	The graph plots Static Pressure (H₂O) on the y-axis (0 to 2.2 mm inch) against Air Flow on the x-axis (0 to 130 cfm / 0 to 3.6 m³/min). Four curves are shown, labeled H, M, L, and HH, representing different fan models. The curves show that static pressure decreases as air flow increases.
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 µA		
Storage Temperature	-40C ~ +75C		

Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts DC	Input Power (Watts)	Amps	Max. Static Pressure ("H ₂ O)
OD8038-12HHBIP68	5800	80.3	52	12	10.8	0.9	0.78
OD8038-12HBIP68	5000	69.3	49	12	7.2	0.6	0.58
OD8038-12MBIP68	4200	58.2	45	12	4.8	0.4	0.41
OD8038-12LBIP68	3500	48.5	41	12	3.6	0.3	0.28
OD8038-24HHBIP68	5800	80.3	52	24	10.8	0.45	0.78
OD8038-24HBIP68	5000	69.3	49	24	7.2	0.3	0.58
OD8038-24MBIP68	4200	58.2	45	24	6.0	0.25	0.41
OD8038-24LBIP68	3500	48.5	41	24	4.8	0.2	0.28