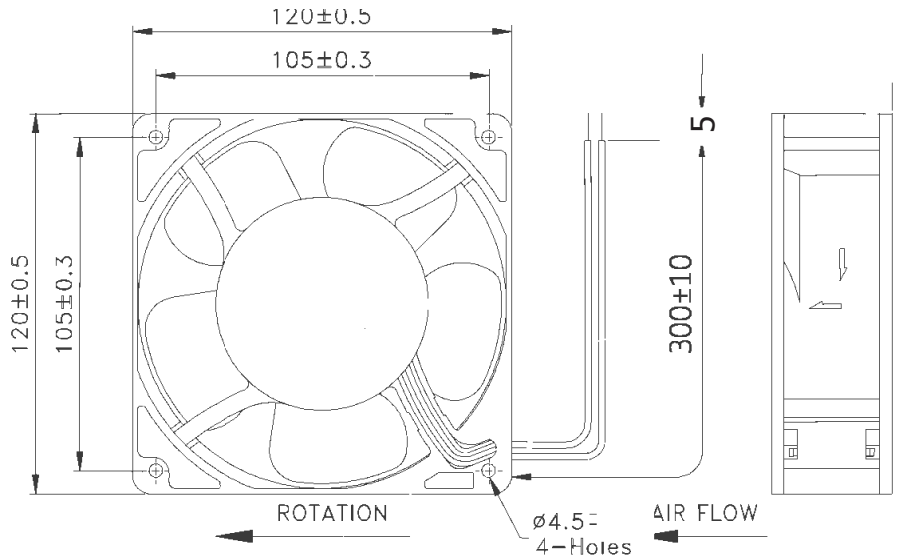


# OD1238 Series



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



|                       |                                                       |                                                                                                                                                                                                         |  |
|-----------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Frame & Impeller      | PBT, UL94V-0 plastic                                  | <b>Available Options</b><br>Tachometer<br>Alarm<br>PWM<br>Thermal control<br>IP55<br>Sleeve Bearing<br><br><b>Life Expectancy (L10)</b><br>65,000 hours (45C)<br><br><b>Weight:</b> ~0.72 lbs<br><br>m1 |  |
| Connection            | 2x Lead wires 24AWG                                   |                                                                                                                                                                                                         |  |
| Motor                 | Brushless DC, auto restart, polarity and IC 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       |                                                                                                                                                                                                         |  |
| Temperature Range     | -10C ~ 70C                                            |                                                                                                                                                                                                         |  |
| Storage Temperature   | -40C ~ +80C                                           |                                                                                                                                                                                                         |  |

| Model Number | Speed (RPM) | Airflow (CFM) | Noise (dB) | Volts DC | Input Power (Watts) | Amps | Max. Static Pressure ("H <sub>2</sub> O) |
|--------------|-------------|---------------|------------|----------|---------------------|------|------------------------------------------|
| OD1238-12HB  | 2800        | 105           | 43         | 12       | 6                   | 0.50 | 0.24                                     |
| OD1238-12MB  | 2540        | 95            | 41         | 12       | 4                   | 0.35 | 0.23                                     |
| OD1238-12LB  | 1950        | 73            | 33         | 12       | 3                   | 0.24 | 0.13                                     |
| OD1238-12LLB | 1500        | 53            | 27         | 12       | 2                   | 0.16 | 0.09                                     |
| OD1238-24HB  | 2800        | 105           | 43         | 24       | 7                   | 0.32 | 0.24                                     |
| OD1238-24MB  | 2540        | 95            | 41         | 24       | 6                   | 0.23 | 0.23                                     |
| OD1238-24LB  | 1950        | 73            | 33         | 24       | 4                   | 0.14 | 0.13                                     |
| OD1238-48HB  | 2800        | 105           | 43         | 48       | 10                  | 0.20 | 0.24                                     |
| OD1238-48MB  | 2540        | 95            | 41         | 48       | 7                   | 0.14 | 0.23                                     |
| OD1238-48LB  | 1950        | 73            | 33         | 48       | 5                   | 0.10 | 0.13                                     |
| OD1238-48LLB | 1500        | 53            | 27         | 48       | 4                   | 0.08 | 0.09                                     |

\* Indicate "B" to specify Ball bearing or "S" to specify Sleeve bearing