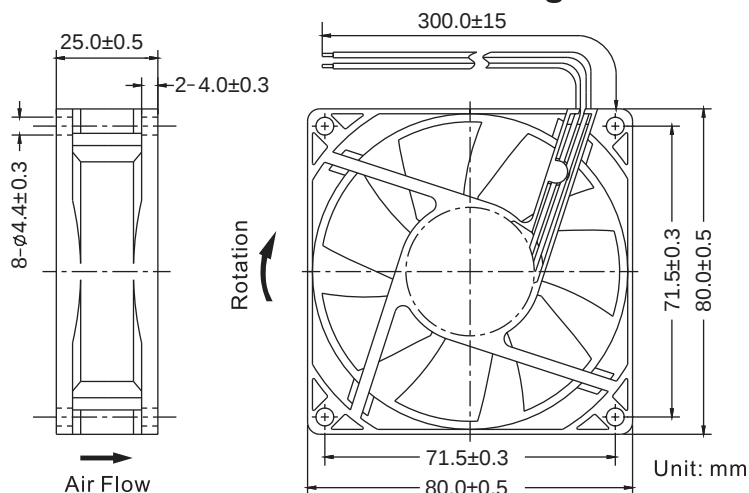




## Dimensions Drawing



## General Specification

Frame and Impeller : Thermal Plastic , UL 94V-0

Lead Wires : UL Type

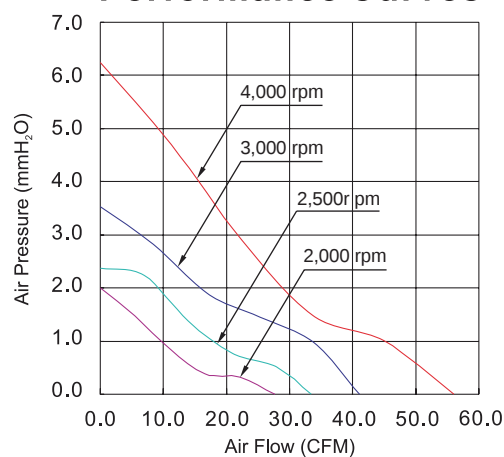
(+) : Red (-) : Black

Operation Temperature : -10°C~70°C  
35%~85%RH

Storage Temperature : -40°C~80°C  
35%~85%RH



## Performance Curves



| Listed Model | Bearing System | Rated Voltage | Operation Voltage | Rated Current | Rated Speed | Air Flow | Air Pressure       | Noise Level | Available Features (Optional) |                   |                 |                        | Weight |
|--------------|----------------|---------------|-------------------|---------------|-------------|----------|--------------------|-------------|-------------------------------|-------------------|-----------------|------------------------|--------|
|              |                | VDC           | VDC               | A             | RPM         | CFM      | mmH <sub>2</sub> O | dBA         | Tachometer Output             | Rotation Detector | Thermal Control | Pulse Width Modulation | g      |
| RDD8025S1(2) | Sleeve         | 12            | 6.0~13.8          | 0.40          | 4,000       | 56.0     | 6.3                | 42          | •                             | •                 |                 | •                      | 76     |
| RDH8025S1(2) |                |               | 6.0~13.8          | 0.23          | 3,000       | 41.0     | 3.5                | 33          | •                             | •                 |                 | •                      |        |
| RDM8025S1(2) |                |               | 6.0~13.8          | 0.16          | 2,500       | 33.4     | 2.4                | 28          | •                             | •                 |                 | •                      |        |
| RDL8025S1(2) |                |               | 6.0~13.8          | 0.13          | 2,000       | 27.7     | 2.0                | 23          | •                             | •                 |                 | •                      |        |
| RDD8025B1(2) | Ball           |               | 6.0~13.8          | 0.40          | 4,000       | 56.0     | 6.3                | 42          | •                             | •                 |                 | •                      |        |
| RDH8025B1(2) |                |               | 6.0~13.8          | 0.23          | 3,000       | 41.0     | 3.5                | 33          | •                             | •                 |                 | •                      |        |
| RDM8025B1(2) |                |               | 6.0~13.8          | 0.16          | 2,500       | 33.4     | 2.4                | 28          | •                             | •                 |                 | •                      |        |
| RDL8025B1(2) |                |               | 6.0~13.8          | 0.13          | 2,000       | 27.7     | 2.0                | 23          | •                             | •                 |                 | •                      |        |
| RDH8025S2(2) | Sleeve         | 24            | 12.0~27.6         | 0.15          | 3,000       | 41.0     | 3.5                | 33          | •                             | •                 |                 |                        |        |
| RDM8025S2(2) |                |               | 12.0~27.6         | 0.12          | 2,500       | 33.4     | 2.4                | 28          | •                             | •                 |                 |                        |        |
| RDL8025S2(2) |                |               | 12.0~27.6         | 0.09          | 2,000       | 27.7     | 2.0                | 23          | •                             | •                 |                 |                        |        |
| RDH8025B2(2) | Ball           |               | 12.0~27.6         | 0.15          | 3,000       | 41.0     | 3.5                | 33          | •                             | •                 |                 |                        |        |
| RDM8025B2(2) |                |               | 12.0~27.6         | 0.12          | 2,500       | 33.4     | 2.4                | 28          | •                             | •                 |                 |                        |        |
| RDL8025B2(2) |                |               | 12.0~27.6         | 0.09          | 2,000       | 27.7     | 2.0                | 23          | •                             | •                 |                 |                        |        |