## General Specifications

**Motor Protection:**
Locker Rotor, Reverse Polarity

**Insulation Resistance:**
100M Ω or over with a DC500V Megger

**Dielectric Withstand Voltage:** AC 700V 1s

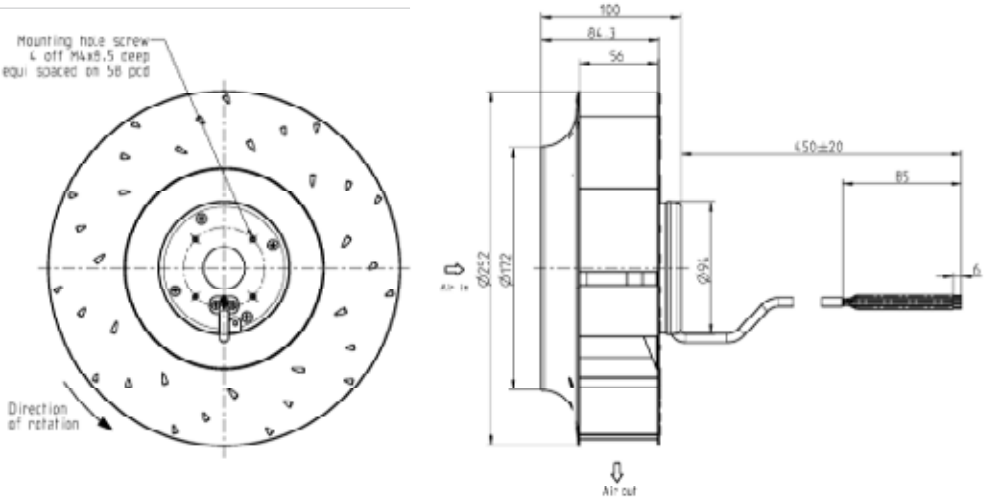
**Allowable Ambient Temperature Range:**
-30°C ~ +70°C (Operating)
-40°C ~ +70°C (Storage)

## Expected Life

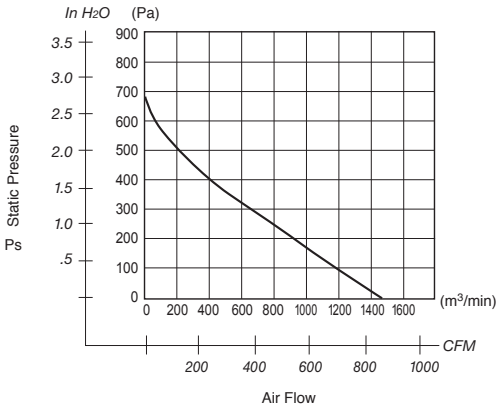
**Failure Rate: 10%**
40°C 70,000 Hours

## Outline

Units: inch (mm)




## Characteristic Curves




## Material

Impeller : Metal
Bearing : Ball Bearings

## Specifications

| MODEL | Product No. | Rated Voltage (V) | Operating Voltage (V) | Current (A)*1 | Input Power (W)*1 | Speed (min-1)*1 | Max. Air Flow CFM*1 | Max. Air Flow (m3/H) | Max. Static Pressure in H2O | Max. Static Pressure (Pa)*1 | Noise (dB)*1 | Mass (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250R100-DO5 | AXX | 24 | 16 ~ 28 | 5.0 | 120 | 2500 | 855.7 | 1454 | 2.6 | 670 | 71.0 | – |
| 250R100-DO7 | AXX | 48 | 36 ~ 57 | 2.35 | 113 | 2500 | 855.7 | 1454 | 2.6 | 670 | 72.0 | – |

*1: Average Values in Free Air