General Specifications

Motor Protection:
Locker Rotor, Reverse Polarity

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

Dielectric Withstand Voltage: AC 700V 1s

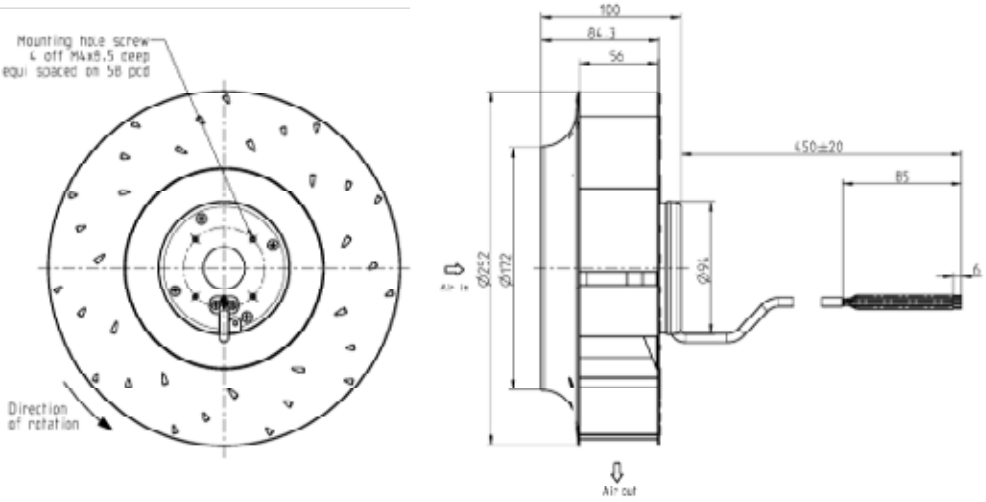
Allowable Ambient Temperature Range:
-30°C ~ +70°C (Operating)
-40°C ~ +70°C (Storage)

Expected Life

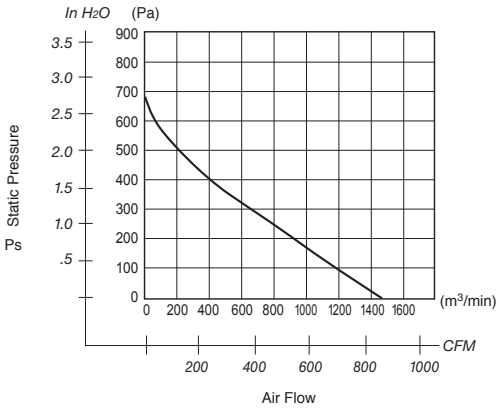
Failure Rate: 10%
40°C 70,000 Hours

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