



Product	Size (mm)	Airflow (m ³ /H)	Pressure (Pa)
101R057	∅101x57	233	480
133R091	∅133x91	Under Development	
160R054	∅160x54	Under Development	
175R069	∅175x69	735	604
190R071	∅190x71	734	723
220R071	∅220x71	1102	672
225R099	∅225x99	1154	665
250R100	∅250x100	1454	670
280R125	∅280x125	1656	504

Part Numbering System

$\frac{175}{1}$ $\frac{R}{2}$ $\frac{069}{3}$ $\frac{D}{4}$ $\frac{07}{5}$ $\frac{3X}{6}$ - AXX $\frac{7}{7}$

1. Impeller Diameter (mm)
2. Fan Type (R-Radial Blower)
3. Height of Impeller (mm)
4. Electrical Supply (D:DC)
5. Electrical Voltage
 - 04: 12V
 - 05: 24V
 - 06: 36V
 - 07: 48V
 - 08: 54V
 - 09: Other
6. Speed
 - 1<2<3<4<5<6
 - low high
7. Production Specs
 - Defines Production Specification



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)

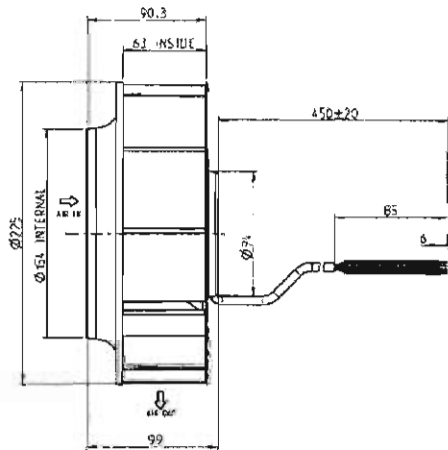
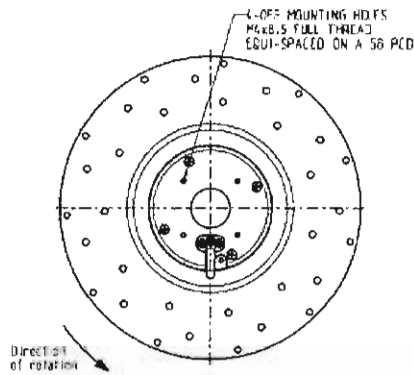
Expected Life

Failure Rate: 10%

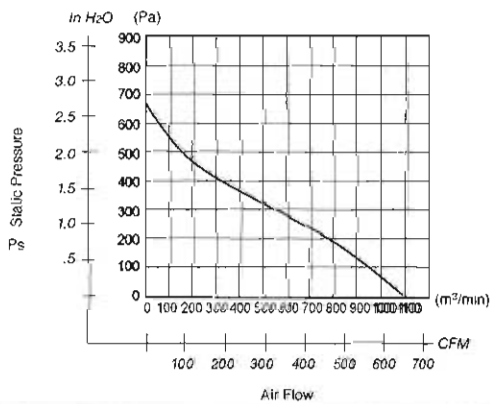
40°C 70,000 Hours

Outline

Units: $\frac{\text{inch}}{\text{mm}}$



Characteristic Curves



Material

Impeller : Plastic
Bearing : Ball Bearings

Specifications

MODEL	Product No.	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
		(V)	(V)	(A) ^{*1}	(W) ^{*1}	(min ⁻¹) ^{*1}	CFM ^{*1}	(m ³ /H)	in H ₂ O	(Pa) ^{*1}	(dB) ^{*1}	(g)
225R099-DO5	AXX	24	16 ~ 28	4.3	104	2750	679.2	1154	2.6	665	68.5	-
225R099-DO7	AXX	48	36 ~ 57	1.8	89	2750	679.2	1154	2.6	665	68.5	-

*1: Average Values in Free Air