

F225A Series

2023/12/27

General Specifications



Motor Protection: Locked rotor, Reverse polarity

Insulation Resistance: 10M Ohm min, measured with 500V DC between all leads shorted together and case

Dielectric Withstand Voltage: AC500V 1minute

Allowable Ambient Temperature Range:

-30 deg.C - +70 deg.C (Operating)

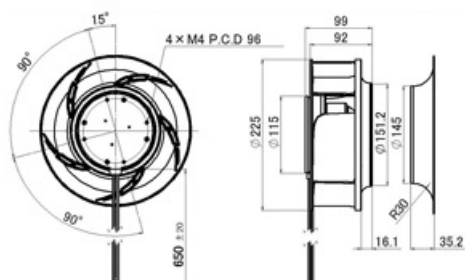
-40 deg.C - +80 deg.C (Storage)

non-condensing environment

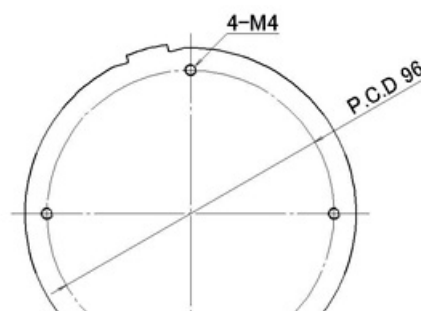
Expected Life

40 deg.C 70,000hours (L10)

Outline



Panel Out-cuts

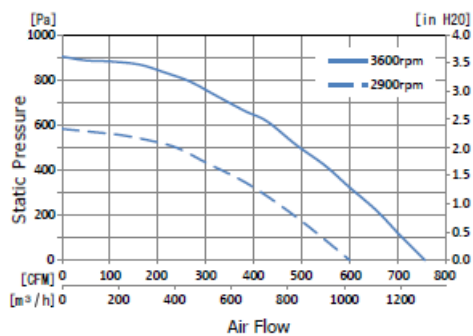


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Characteristic Curves



Material

Impeller: Plastic

Bearing: Ball Bearings

Lead Wire: UL1015 AWG18 +: Red-: Black

Speed Control: Yellow

Speed Signal: White

Specifications

Model	Nominal Voltage [V]	Operating Voltage lower limit [V]	Operating Voltage upper limit [V]	Nominal Current [A]	Input Power [W]	Speed [rpm]
F225A2-092-D0730	48	36	72	3.6	172.8	3600
F225A3-092-D0720	48	36	72	2.0	96.0	2900
F225A4-092-D0530	24	18	30	6.9	165.6	3600

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F225A5-092-D0520	24	18	30	3.9	93.6	2900
Model	Maximum airflow [m ³ /min]	Max. Air Flow [CFM]	Max. Static Pressure [Pa]	Max. Static Pressure [In H ₂ O]	Noise [dB]	Mass [g]
F225A2-092-D0730	21.4	756	904	3.6	79	2100
F225A3-092-D0720	17.0	600	582	2.3	74	2100
F225A4-092-D0530	21.4	756	904	3.6	79	2100
F225A5-092-D0520	17.0	600	582	2.3	74	2100

*1 Average values in free air and rated voltage condition.