

# 11938MB Special Edition

2023/12/27

## General Specifications



Motor Structure: Shaded Pole Induction Motor

Motor Protection: Impedance Protection

Insulation Resistance: Min 100M ohm by DC 500V Megger

Dielectric Withstand Voltage: AC1800V 3s

Allowable Ambient Temperature Range:

-10deg.C - +70deg.C (Operating)

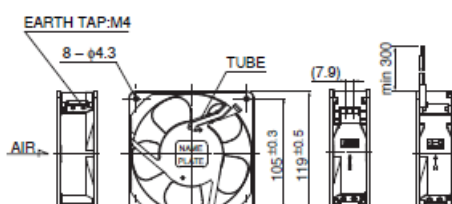
-40deg.C - +70deg.C (Storage)

non-condensing environment

## Expected Life

25deg.C 100,000 Hours \*Failure Rate 10% (L10 Life)

## Outline



## Material

Casing: Aluminum (No Paint)

Impeller: Plastic (Black) UL94V-0

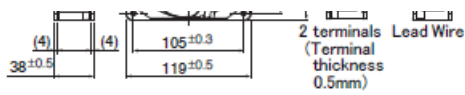
Bearing: Ball Bearing

Terminal: Faston #110 or Equiv

\* Lead Wire type is also available.

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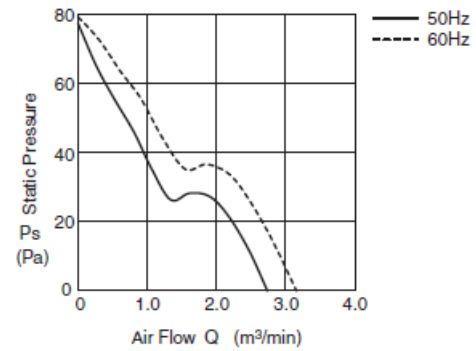
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- \* Only flange type casing is available.
- \* The structure tubing can be seen from name plate side.

Lead Wire:UL3266, AWG22

## Characteristic Curves



## Specifications

Model	Product No	Nominal Voltage [V]	Frequency [Hz]	Starting Voltage [V]	Current [A]	Input Power +10%/-20% [W]
11938MB-A0N-EA-	L0	100	50	65	0.270	15.0
11938MB-A0N-EA-	L0	100	60	65	0.230	14.0
11938MB-A1N-EA-	L0	115	50	65	0.250	15.5
11938MB-A1N-EA-	L0	115	60	65	0.210	14.5
11938MB-B0N-EA-	L0	200	50	130	0.140	15.0
11938MB-B0N-EA-	L0	200	60	130	0.120	13.0
11938MB-B2N-EA-	L0	220	50	145	0.120	14.0
11938MB-B2N-EA-	L0	220	60	145	0.100	13.0
11938MB-B3N-EA-	L0	230	50	175	0.120	15.0
11938MB-B3N-EA-	L0	230	60	175	0.100	14.0
11938MB-B4N-EA-	L0	240	50	140	0.110	14.0
11938MB-B4N-EA-	L0	240	60	140	0.100	13.0

Model	Speed [min-1]	Max. Air Flow [m3/min]	Max. Air Flow [CFM]	Max. Static Pressure [In H2O]	Noise [dB]	Mass [g]
11938MB-A0N-EA-	3000	0.55	0.75	0.25	55.0	750
11938MB-A0N-EA-	3600	0.55	0.75	0.25	55.0	750
11938MB-A1N-EA-	3000	0.55	0.75	0.25	55.0	750
11938MB-A1N-EA-	3600	0.55	0.75	0.25	55.0	750
11938MB-B0N-EA-	3000	0.55	0.75	0.25	55.0	750
11938MB-B0N-EA-	3600	0.55	0.75	0.25	55.0	750
11938MB-B2N-EA-	3000	0.55	0.75	0.25	55.0	750
11938MB-B2N-EA-	3600	0.55	0.75	0.25	55.0	750
11938MB-B3N-EA-	3000	0.55	0.75	0.25	55.0	750
11938MB-B3N-EA-	3600	0.55	0.75	0.25	55.0	750
11938MB-B4N-EA-	3000	0.55	0.75	0.25	55.0	750
11938MB-B4N-EA-	3600	0.55	0.75	0.25	55.0	750

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11938MB-A0N-EA-	2600	2.50	89.3	0.26	37.0	550
11938MB-A0N-EA-	2900	2.90	103.6	0.31	41.0	550
11938MB-A1N-EA-	2600	2.50	89.3	0.26	37.0	550
11938MB-A1N-EA-	2900	2.90	103.6	0.31	41.0	550
11938MB-B0N-EA-	2600	2.50	89.3	0.26	37.0	550
11938MB-B0N-EA-	2900	2.90	103.6	0.31	41.0	550
11938MB-B2N-EA-	2600	2.50	89.3	0.26	37.0	550
11938MB-B2N-EA-	2900	2.90	103.6	0.30	41.0	550
11938MB-B3N-EA-	2600	2.50	89.3	0.26	37.0	550
11938MB-B3N-EA-	2900	2.90	103.6	0.28	41.0	550
11938MB-B4N-EA-	2600	2.50	89.3	0.26	37.0	550
11938MB-B4N-EA-	2900	2.90	103.6	0.26	41.0	550

Rotation: Counterclockwise as seen from the label side

Airflow Outlet: Label side

\*1: Average Values in Free Air

\*2: Maximum Values in Free Air

\*3: Minimum Values in Free Air

This information is reference spec, so final spec may change.