11938MB (4715MS)

AC Axial Fan

119□X38L



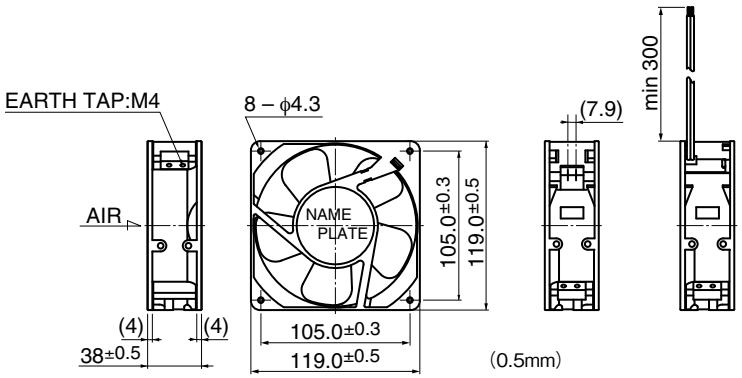
General Specifications

Motor Structure	Shaded Pole Induction Motor
Motor Protection	Impedance Protection
Insulation Resistance	Min 100MΩ by DC 500V Megger
Dielectric Withstand Voltage	: AC1800V 3s
Allowable Ambient Temperature Range	: − 10℃ ～ + 70℃ (Operating) − 40℃ ～ + 70℃ (Storage) non-condensing environment

Expected Life ※ Failure Rate: 10% (L10 Life)

25℃ 100,000 (Hours)

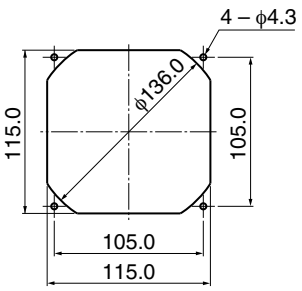
Outline



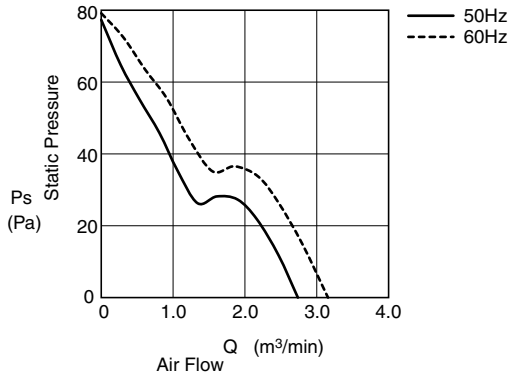
∗ Only flange type casing is available.

Panel Out-cuts

(Inlet Side) / (Outlet Side)



Characteristic Curves



Material

Casing	: Aluminum (Black
Impeller	Painting) : Plastic (Black)
Bearing	UL94V-0 : Ball Bearing
Terminal	: Faston #110 or Equiv

Lead Wire type is also available.

Lead Wire : UL3266, AWG22

Specifications

Please refer to next page

Model**	Product Number	Rating Voltage	Frequency	Starting Voltage	Current	Input Power	Speed	Max Air Flow		Max Static Pressure		Noise	Mass
		(V)	(Hz)	(V)	(A)*2	(W)*1	(min-1)*3	(m^3/min)*3	(CFM)*3	(Pa)*3	(In H2O)*3	(dB)*1	(g)
11938MB-A0N-EA-	00	100	50	65	0.270	15.0	2600	2.5	89.3	64.7	0.26	37.0	550
	00		60		0.230	14.0	2900	2.9	103.6	76.4	0.31	41.0	
11938MB-A1J-EA-	00	115	50	75	0.090	6.0	1350	1.30	45.9	14.0	0.060	27.0	
	00		60		0.080	5.5	1450	1.40	49.4	15.0	0.060	28.0	
11938MB-A1K-EA-	00		50		0.100	7.0	2100	2.00	70.6	35.3	0.140	32.0	
	00		60		0.100	7.0	1900	1.90	67.1	24.6	0.100	30.0	
11938MB-A1L-EA-	00		50		0.160	11.0	2400	2.30	81.2	48.1	0.19	34.0	
	00		60		0.140	10.0	2600	2.50	88.3	46.1	0.19	37.0	
11938MB-A1M-EA-	00		50		0.220	15.0	2450	2.40	84.8	52.0	0.21	35.0	
	00		60		0.190	13.0	2750	2.70	95.4	58.0	0.23	39.0	
11938MB-A1N-EA-	00		50		0.250	15.5	2600	2.5	89.3	64.7	0.26	37.0	
	00		60		0.210	14.5	2900	2.9	103.6	76.4	0.31	41.0	
11938MB-B0N-EA-	00	200	50	130	0.140	15.0	2600	2.5	89.3	64.7	0.26	37.0	
	00		60		0.120	13.0	2900	2.9	103.6	76.4	0.31	41.0	
11938MB-B2N-EA-	00	220	50	145	0.120	14.0	2600	2.5	89.3	64.7	0.26	37.0	
	00		60		0.100	13.0	2900	2.9	103.6	76.4	0.31	41.0	
11938MB-B3J-EA-	00	230	50	175	0.050	6.5	1350	1.30	45.9	14.0	0.060	27.0	
	00		60		0.045	6.0	1450	1.40	49.4	15.0	0.060	28.0	
11938MB-B3K-EA-	00		50		0.060	7.5	2100	2.00	70.6	35.3	0.140	32.0	
	00		60		0.060	7.5	1900	1.90	67.1	24.6	0.100	30.0	
11938MB-B3L-EA-	00		50		0.100	12.0	2400	2.30	81.2	48.1	0.19	34.0	
	00		60		0.080	11.0	2600	2.50	88.3	46.1	0.19	37.0	
11938MB-B3M-EA-	00		50		0.120	15.0	2450	2.40	84.8	52.0	0.21	35.0	
	00		60		0.100	13.0	2750	2.70	95.4	58.0	0.23	39.0	
11938MB-B3N-EA-	00		50		0.120	15.0	2600	2.5	89.3	64.7	0.26	37.0	
	00		60		0.100	14.0	2900	2.9	103.6	76.4	0.31	41.0	
11938MB-B4N-EA-	00	240	50	140	0.110	14.0	2600	2.5	89.3	64.7	0.26	37.0	
	00		60		0.100	13.0	2900	2.9	103.6	76.4	0.31	41.0	

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

11938MB (Special Edition) 119□X38L

AC Axial Fan



Reference Spec

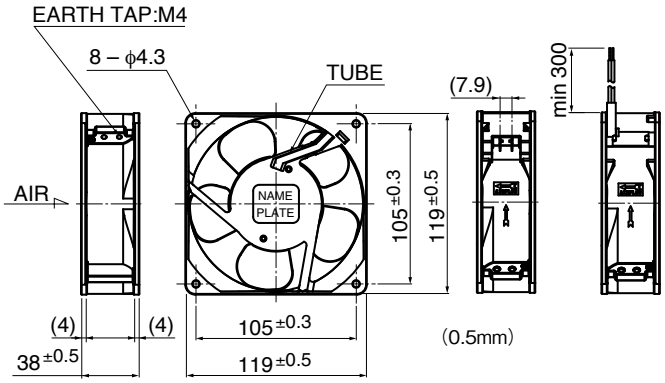
General Specifications

Motor Structure	Shaded Pole Induction Motor
Motor Protection	Impedance Protection
Insulation Resistance	Min 100MΩ by DC 500V Megger
Dielectric Withstand Voltage	: AC1800V 3s
Allowable Ambient Temperature Range	: − 10℃ ～ + 70℃ (Operating) − 40℃ ～ + 70℃ (Storage) non-condensing environment

Expected Life ※ Failure Rate: 10% (L10 Life)

25℃ 100,000 (Hours)

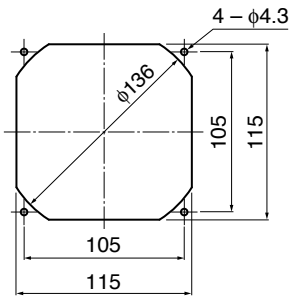
Outline



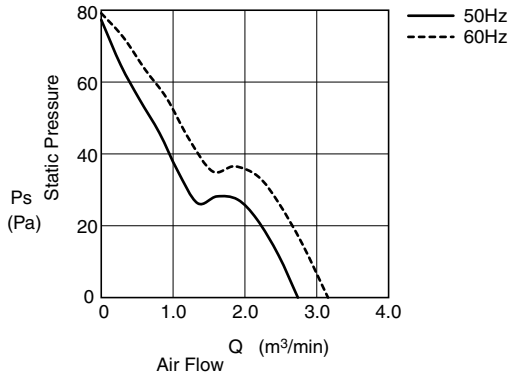
* Only flange type casing is available.
* The structure tubing can be seen from name plate side.

Panel Out-cuts

(Inlet Side) / (Outlet Side)



Characteristic Curves



Material

Casing	: Aluminum (No Paint)
Impeller	: Plastic (Black) UL94V-0
Bearing	: Ball Bearing
Terminal	: Faston#110 or Equiv

Lead Wire type is also available.

Lead Wire : UL3266, AWG22

Specifications

Model	Rating Voltage (V)	Frequency (Hz)	Starting Voltage (V)	Current (A)*2	Input Power (W)$^{+10\%}_{-20\%}$	Speed (min⁻¹)*3	Max.Air Flow (m³/min)*3	Max.Air Flow (CFM)*3	Max. Static Pressure (Pa)*3	Max. Static Pressure (In H_2O)*3	Noise (dB)*1	Mass (g)
11938MB-A0N-EA-L0	100	50	65	0.270	15.0	2600	2.50	89.3	64.7	0.26	37.0	550
		60		0.230	14.0	2900	2.90	103.6	76.4	0.31	41.0	
11938MB-A1N-EA-L0	115	50	65	0.250	15.5	2600	2.50	89.3	64.7	0.26	37.0	
		60		0.210	14.5	2900	2.90	103.6	76.4	0.31	41.0	
11938MB-B0N-EA-L0	200	50	130	0.140	15.0	2600	2.50	89.3	64.7	0.26	37.0	
		60		0.120	13.0	2900	2.90	103.6	76.5	0.31	41.0	
11938MB-B2N-EA-L0	220	50	145	0.120	14.0	2600	2.50	89.3	63.8	0.26	37.0	
		60		0.100	13.0	2900	2.90	103.6	75.6	0.30	41.0	
11938MB-B3N-EA-L0	230	50	175	0.120	15.0	2600	2.50	89.3	63.8	0.26	37.0	
		60		0.100	14.0	2900	2.90	103.6	70.7	0.28	41.0	
11938MB-B4N-EA-L0	240	50	140	0.110	14.0	2600	2.50	89.3	63.8	0.26	37.0	
		60		0.100	13.0	2900	2.90	103.6	65.7	0.26	41.0	

Rotation: Counterclockwise as seen from the label side
Airflow Outlet: Label side
This information is reference spec, so final spec may change.

*1: Average Values in Free Air
*2: Maximum Values in Free Air
*3: Minimum Values in Free Air

AC FAN