

11938MB

2023/12/27

General Specifications

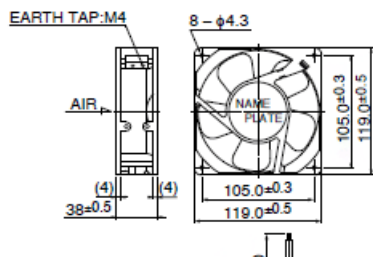


Motor Structure: Shaded Pole Induction Motor
 Motor Protection: Impedance Protection
 Insulation Resistance: Min 100M ohm by DC 500V Megger
 Dielectric Withstand Voltage: AC1800V 3s
 Allowable Ambient Temperature Range:
 -10deg.C - +70deg.C (Operating)
 -40deg.C - +70deg.C (Storage)
 non-condensing environment
 Old model name: 4715MS

Expected Life

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

Outline

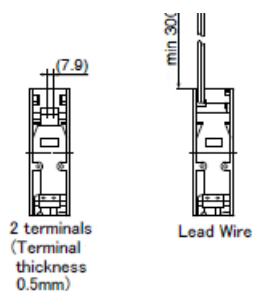


Material

Casing: Aluminum (Black Painting)
 Impeller: Plastic (Black) UL94V-0
 Bearing: Ball Bearing
 Terminal: Faston #110 or Equiv
 * Lead Wire type is also available.

11938MB

2023/12/27



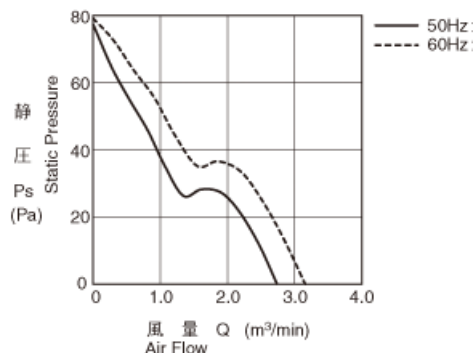
2 terminals
 (Terminal thickness 0.5mm)

Lead Wire

* Only flange type casing is available.

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-	00	100	50	65	0.270	15.0
11938MB-A0N-EA-	00	100	60	65	0.230	14.0
11938MB-A1N-EA-	00	115	50	65	0.250	15.5
11938MB-A1N-EA-	00	115	60	65	0.210	14.5
11938MB-B0N-EA-	00	200	50	130	0.140	15.0
11938MB-B0N-EA-	00	200	60	130	0.120	13.0
11938MB-B2N-EA-	00	220	50	145	0.120	14.0
11938MB-B2N-EA-	00	220	60	145	0.100	13.0
11938MB-B3N-EA-	00	230	50	175	0.120	15.0
11938MB-B3N-EA-	00	230	60	175	0.100	14.0
11938MB-B4N-EA-	00	240	50	140	0.110	14.0
11938MB-B4N-EA-	00	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

2023/12/27

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