

08025MB

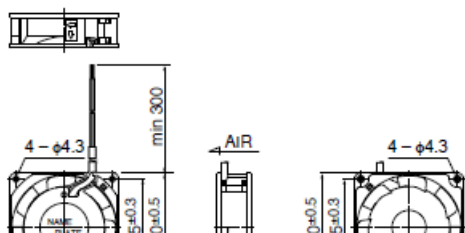
2023/12/27

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: 3110MS

Expected Life

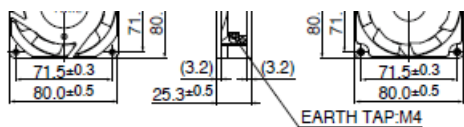
25deg.C 100,000 Hours *Failure Rate 10% (L10 Life)

Outline**Material**

Casing: Aluminum (Black Painting)
 Impeller: Plastic (Black) UL94V-0
 Bearing: Ball Bearing
 Lead Wire: UL3266, AWG22
 * Potting type (dust & water-proof type) is also available.

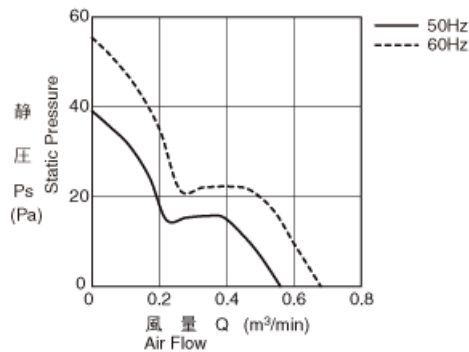
08025MB

2023/12/27



* Only flange type casing is available.

Characteristic Curves



Specifications

Model	Product No	Nominal Voltage [V]	Frequency [Hz]	Starting Voltage [V]	Current [A]	Input Power +10%/-20% [W]
08025MB-A0L-AA-	00	100	50	65	0.130	8.0
08025MB-A0L-AA-	00	100	60	65	0.110	6.5
08025MB-A1L-AA-	00	115	50	75	0.110	8.0
08025MB-A1L-AA-	00	115	60	75	0.090	6.5
08025MB-B0L-AA-	00	200	50	130	0.060	7.0
08025MB-B0L-AA-	00	200	60	130	0.050	6.0
08025MB-B2L-AA-	00	220	50	165	0.055	7.5
08025MB-B2L-AA-	00	220	60	165	0.045	6.5
08025MB-B3L-AA-	00	230	50	180	0.050	7.5
08025MB-B3L-AA-	00	230	60	180	0.045	6.5
08025MB-B4L-AA-	00	240	50	180	0.050	7.5
08025MB-B4L-AA-	00	240	60	180	0.045	6.5

Model	Speed [min-1]	Max. Air Flow [m3/min]	Max. Air Flow [CFM]	Max. Static Pressure [In H2O]	Noise [dB]	Mass [g]
08025MB-A0L-AA-	2500	0.57	20.4	0.16	24.0	240

08025MB

2023/12/27

08025MB-A0L-AA-	3000	0.68	24.3	0.22	31.0	240
08025MB-A1L-AA-	2500	0.57	20.4	0.16	24.0	240
08025MB-A1L-AA-	3000	0.68	24.3	0.22	31.0	240
08025MB-B0L-AA-	2500	0.57	20.4	0.16	24.0	240
08025MB-B0L-AA-	3000	0.68	24.3	0.22	31.0	240
08025MB-B2L-AA-	2500	0.57	20.4	0.16	24.0	240
08025MB-B2L-AA-	3000	0.68	24.3	0.22	31.0	240
08025MB-B3L-AA-	2500	0.57	20.4	0.16	24.0	240
08025MB-B3L-AA-	3000	0.68	24.3	0.22	31.0	240
08025MB-B4L-AA-	2500	0.57	20.4	0.16	24.0	240
08025MB-B4L-AA-	3000	0.68	24.3	0.22	31.0	240

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