

General Specifications

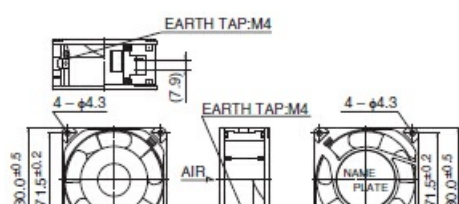


Motor Structure: Shaded Pole Induction Motor
 Motor Protection: Impedance Protection
 Insulation Resistance: Min 100M ohm by DC 500V Megger
 Dielectric Withstand Voltage: AC1800V 3s
 Allowable Ambient Temperature Range:
 -10deg.C - +70deg.C (Operating)
 -40deg.C - +70deg.C (Storage)
 non-condensing environment
 Old model name: 3115PS

Expected Life

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

Outline

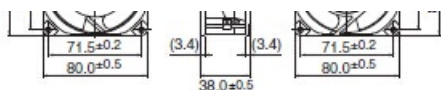


Material

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

08038PB

2023/12/27

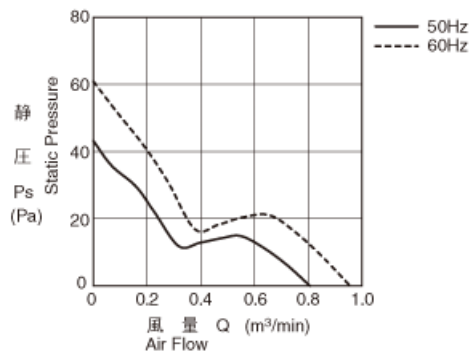


二端子タイプ
 (端子厚0.5mm)

* 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]
08038PB-A0L-EA-	00	100	50	65	0.170	9.0
08038PB-A0L-EA-	00	100	60	65	0.120	7.0
08038PB-A1L-EA-	00	115	50	75	0.140	9.0
08038PB-A1L-EA-	00	115	60	75	0.110	7.0
08038PB-B0L-EA-	00	200	50	130	0.080	9.0
08038PB-B0L-EA-	00	200	60	130	0.060	7.0
08038PB-B2L-EA-	00	220	50	150	0.070	9.0
08038PB-B2L-EA-	00	220	60	150	0.060	7.0
08038PB-B3L-EA-	00	230	50	150	0.070	10.0
08038PB-B3L-EA-	00	230	60	150	0.055	8.0
08038PB-B4L-EA-	00	240	50	150	0.075	12.0
08038PB-B4L-EA-	00	240	60	150	0.060	9.0

Model	Speed [min ⁻¹]	Max. Air Flow [m3/min]	Max. Air Flow [CFM]	Max. Static Pressure [In H2O]	Noise [dB]	Mass [g]

08038PB

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08038PB-A0L-EA-	2700	0.75	26.8	0.14	33.0	270
08038PB-A0L-EA-	3200	0.90	32.1	0.20	38.0	270
08038PB-A1L-EA-	2700	0.75	26.8	0.14	33.0	270
08038PB-A1L-EA-	3200	0.90	32.1	0.20	38.0	270
08038PB-B0L-EA-	2700	0.75	26.8	0.14	33.0	270
08038PB-B0L-EA-	3200	0.90	32.1	0.20	38.0	270
08038PB-B2L-EA-	2700	0.75	26.8	0.14	33.0	270
08038PB-B2L-EA-	3200	0.90	32.1	0.20	38.0	270
08038PB-B3L-EA-	2700	0.75	26.8	0.14	33.0	270
08038PB-B3L-EA-	3200	0.90	32.1	0.20	38.0	270
08038PB-B4L-EA-	2700	0.75	26.8	0.14	33.0	270
08038PB-B4L-EA-	3200	0.90	32.1	0.20	38.0	270

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