

15038PB Plastic Blades

2023/12/27

General Specifications

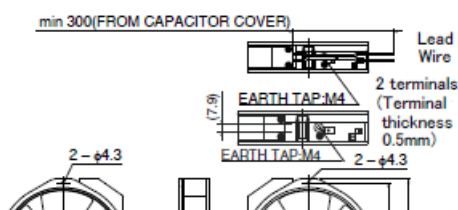


Motor Structure: Capacitor-Run Induction Motor
 Motor Protection: Thermal Protection
 Insulation Resistance: Min 100M ohm by DC 500V Megger
 Dielectric Withstand Voltage: AC1800V 3s
 Allowable Ambient Temperature Range:
 -10deg.C - +70deg.C (Operating)
 -40deg.C - +70deg.C (Storage)
 non-condensing environment
 Old model name: 5915PC Plastic Blades

Expected Life

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

Outline

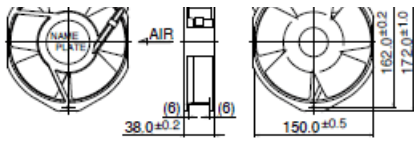


Material

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

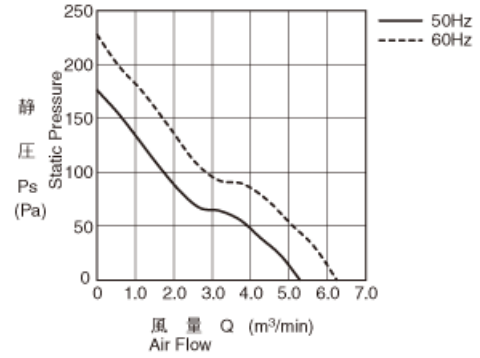
15038PB Plastic Blades

2023/12/27



* Only flange type casing is available.

Characteristic Curves



Potting

* Potting type (dust & water-proof type) is also available.

Lead Wire

* Lead Wire type is also available.

Lead Wire: SPT-1 2X0.824mm² AWG18

Specifications

Model	Product No	Nominal Voltage [V]	Frequency [Hz]	Starting Voltage [V]	Current [A]	Input Power +10%/-20% [W]
15038PB-A0L-EP-	00	100	50	65	0.470	37.0
15038PB-A0L-EP-	00	100	60	65	0.440	33.0
15038PB-A1L-EP-	00	115	50	75	0.380	35.0

15038PB Plastic Blades

2023/12/27

15038PB-A1L-EP-	00	115	60	75	0.360	32.0
15038PB-B0L-EP-	00	200	50	130	0.230	34.0
15038PB-B0L-EP-	00	200	60	130	0.210	33.0
15038PB-B2L-EP-	00	220	50	145	0.210	40.0
15038PB-B2L-EP-	00	220	60	145	0.180	38.0
15038PB-B3L-EP-	00	230	50	145	0.190	35.0
15038PB-B3L-EP-	00	230	60	145	0.180	35.0
15038PB-B4L-EP-	00	240	50	155	0.180	34.0
15038PB-B4L-EP-	00	240	60	155	0.170	34.0

Model	Speed [min-1]	Max. Air Flow [m3/min]	Max. Air Flow [CFM]	Max. Static Pressure [In H2O]	Noise [dB]	Mass [g]
15038PB-A0L-EP-	2700	5.00	178.6	0.63	52.0	800
15038PB-A0L-EP-	3200	6.00	214.3	0.86	56.0	800
15038PB-A1L-EP-	2700	5.00	178.6	0.63	52.0	800
15038PB-A1L-EP-	3200	6.00	214.3	0.86	56.0	800
15038PB-B0L-EP-	2700	5.00	178.6	0.63	52.0	800
15038PB-B0L-EP-	3200	6.00	214.3	0.86	56.0	800
15038PB-B2L-EP-	2700	5.00	178.6	0.63	52.0	800
15038PB-B2L-EP-	3200	6.00	214.3	0.86	56.0	800
15038PB-B3L-EP-	2700	5.00	178.6	0.63	52.0	800
15038PB-B3L-EP-	3200	6.00	214.3	0.86	56.0	800
15038PB-B4L-EP-	2700	5.00	178.6	0.63	52.0	800
15038PB-B4L-EP-	3200	6.00	214.3	0.86	56.0	800

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