

# 11938TB Metal Blades

2023/12/27

## General Specifications



Motor Structure: Shaded Pole 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 - +60deg.C (Operating)

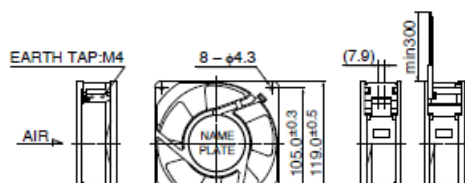
-40deg.C - +70deg.C (Storage)

non-condensing environment Old model name: 4715TS Metal Blades

## Expected Life

25deg.C 90,000 Hours \*Failure Rate 10% (L10 Life)

## Outline



## Material

Casing: Aluminum (Black Painting)

Impeller: Steel

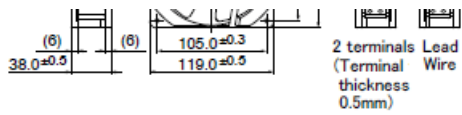
Bearing: Ball Bearing

Terminal: Faston #110 or Equip

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

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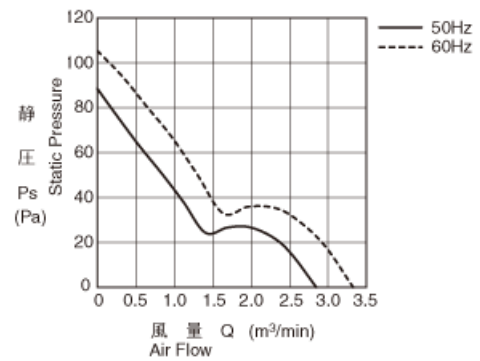


\* Only flange type casing is available.

\* Lead Wire type is also 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]
11938TB-A0N-NP-	00	100	50	65	0.450	20.0
11938TB-A0N-NP-	00	100	60	65	0.340	17.0
11938TB-A1N-NP-	00	115	50	75	0.390	21.0
11938TB-A1N-NP-	00	115	60	75	0.300	17.0
11938TB-B0N-NP-	00	200	50	130	0.220	21.0
11938TB-B0N-NP-	00	200	60	130	0.170	17.0
11938TB-B2N-NP-	00	220	50	145	0.200	20.0
11938TB-B2N-NP-	00	220	60	145	0.150	17.0
11938TB-B3N-NP-	00	230	50	175	0.190	21.0
11938TB-B3N-NP-	00	230	60	175	0.140	17.0
11938TB-B4N-NP-	00	240	50	175	0.180	20.0
11938TB-B4N-NP-	00	240	60	175	0.140	17.0

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Model	Speed [min-1]	Max. Air Flow [m3/min]	Max. Air Flow [CFM]	Max. Static Pressure [In H2O]	Noise [dB]	Mass [g]
11938TB-A0N-NP-	2600	2.80	100.0	0.35	46.0	610
11938TB-A0N-NP-	3100	3.30	117.9	0.40	50.0	610
11938TB-A1N-NP-	2600	2.80	100.0	0.35	46.0	610
11938TB-A1N-NP-	3100	3.30	117.9	0.40	50.0	610
11938TB-B0N-NP-	2600	2.80	100.0	0.35	46.0	610
11938TB-B0N-NP-	3100	3.30	117.9	0.40	50.0	610
11938TB-B2N-NP-	2600	2.80	100.0	0.35	46.0	610
11938TB-B2N-NP-	3100	3.30	117.9	0.40	50.0	610
11938TB-B3N-NP-	2600	2.80	100.0	0.35	46.0	610
11938TB-B3N-NP-	3100	3.30	117.9	0.40	50.0	610
11938TB-B4N-NP-	2600	2.80	100.0	0.35	46.0	610
11938TB-B4N-NP-	3100	3.30	117.9	0.40	50.0	610

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