

# 2806KL

General purpose

2023/12/27

## General Specifications

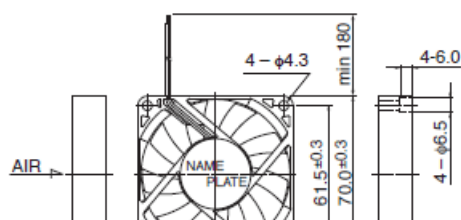


- Motor Protection: Auto Restart / Polarity Protection
- Insulation Resistance: 10M ohm or over with a DC500V Megger
- Dielectric Withstand Voltage: AC700V 1s
- Allowable Ambient Temperature Range : -10deg.C - +70deg.C (Operating)
- 40deg.C - +70deg.C (Storage)
- non-condensing environment

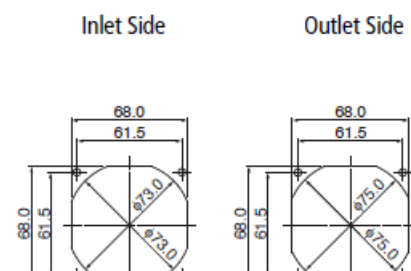
## Expected Life

25deg.C 70,000 Hours \*Failure Rate 10% (L10 Life)

## Outline



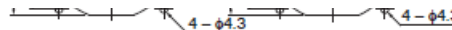
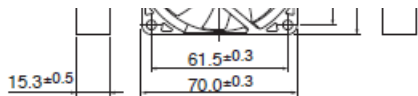
## Panel Out-cuts



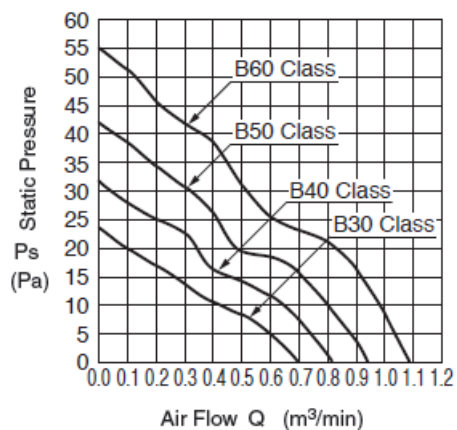
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## Characteristic Curves



## Material

Casing: Plastic (Black) UL94V-0

Impeller: Plastic (Black) UL94V-0

Bearing: Ball

Bearing Lead Wire: UL1007 AWG26 +: Red, -: Black

## Specifications

Model	Product No	Nominal Voltage [V]	Operating Voltage lower limit [V]	Operating Voltage upper limit [V]	Current [A]	Input Power [W]
2806KL-04W-B30-B00	B00	12	6.0	13.8	0.13	1.56

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2806KL-04W-B40-B00	B00	12	6.0	13.8	0.21	2.52
2806KL-04W-B50-B00	B00	12	6.0	13.8	0.21	2.52
2806KL-04W-B60-B00	B00	12	6.0	13.2	0.30	3.60

Model	Speed [min-1]	Max. Air Flow [m3/min]	Max. Air Flow [CFM]	Max. Static Pressure [Pa]	Max. Static Pressure [In H2O]	Noise [dB]	Mass [g]
2806KL-04W-B30-B00	2900	0.70	24.70	23.6	0.09	26.5	60.0
2806KL-04W-B40-B00	3400	0.82	29.00	31.8	0.13	30.5	60.0
2806KL-04W-B50-B00	3900	0.95	33.50	42.5	0.17	34.5	60.0
2806KL-04W-B60-B00	4400	1.08	38.10	55.2	0.22	39.0	60.0

Rotation: Clockwise as seen from the label side

Airflow Outlet: Label side

\*1: Average Values in Free Air