

2004KL

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

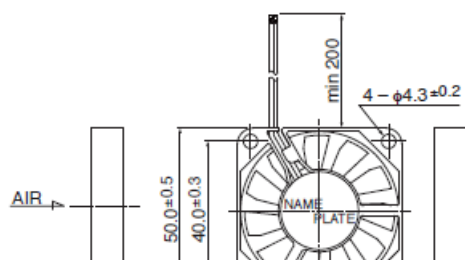
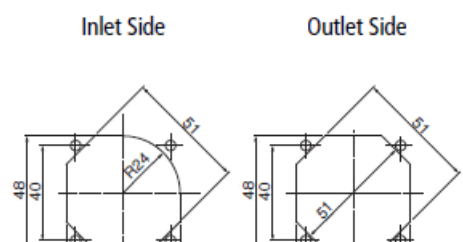
Allowable Ambient Temperature Range : -10deg.C - +70deg.C (Operating)

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

non-condensing environment

Expected Life

25deg.C 60,000 Hours *Failure Rate 10% (L10 Life)

Outline**Panel Out-cuts**

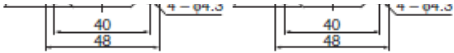
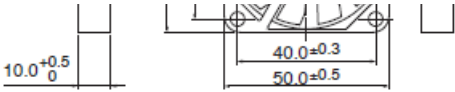
ミネベアミツミ株式会社

Copyright©MinebeaMitsumi Inc. All right reserved.

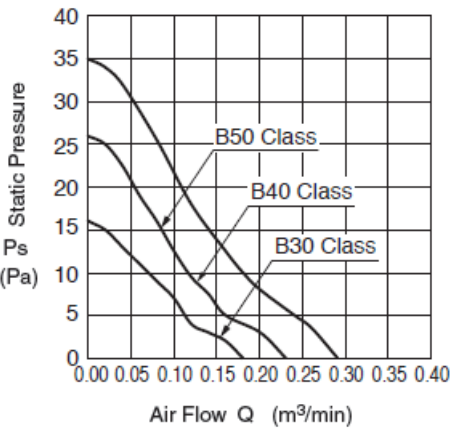
2004KL

General purpose

2023/12/27



Characteristic Curves



Material

- Casing:Plastic (Black) UL94V-0
- Impeller:Plastic (Black) UL94V-0
- Bearing:Ball
- BearingLead Wire:UL1061 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]
2004KL-01W-B30-B00	B00	5	4.5	6.0	0.10	0.50
2004KL-01W-B40-						

2004KL

General purpose

2023/12/27

2004KL-01W-B30-B00	B00	5	4.5	6.0	0.16	0.80
2004KL-01W-B50-B00	B00	5	4.5	6.0	0.30	1.50
2004KL-04W-B30-B00	B00	12	10.2	13.8	0.04	0.48
2004KL-04W-B40-B00	B00	12	10.2	13.8	0.07	0.84
2004KL-04W-B50-B00	B00	12	10.2	13.8	0.10	1.20

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]
2004KL-01W-B30-B00	3500	0.18	6.40	16.0	0.06	23.0	20.0
2004KL-01W-B40-B00	4500	0.23	8.10	26.0	0.10	28.5	20.0
2004KL-01W-B50-B00	5500	0.29	10.20	35.0	0.14	35.0	20.0
2004KL-04W-B30-B00	3500	0.18	6.40	16.0	0.06	23.0	20.0
2004KL-04W-B40-B00	4500	0.23	8.10	26.0	0.10	28.5	20.0
2004KL-04W-B50-B00	5500	0.29	10.20	35.0	0.14	34.0	20.0

Rotation: Clockwise as seen from the label side

Airflow Outlet: Label side

*1: Average Values in Free Air

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[NMB Technologies:](#)

[2004KL-05W-B50-B00](#)