

Part Number—D1204XX
Brushless DC Axial Fan
Application: Cooling elec-
tronics in business ma-
chines, power supplies, in-
strumentation etc.

AC MOTORS

Arkansas General Industries

"RELY ON GI"



ISO 9001 CERTIFIED



Brushless DC Axial Fan
5V, 12V, 24V, 48V
85CFM or 104 CFM Models available
CW Rotation viewed from impeller side
Dynamically balanced to 0.8 gm-mm
24 gauge lead wire, 150mm long
Reinforced plastic impeller and housing

Arkansas General Industries

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Part Number—D1204 XX
 Brushless DC Axial Fan
 Application: Cooling electronics in business machines, power supplies etc.

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NOTE: Sleeve Bearing Designs are no longer available

AC 120 x 120 x 39 - AXIAL FAN

BRUSHLESS DC FANS

FEATURES :

- Reinforced Plastic Impeller and Metal Housing.
- Air input over struts.
- CW rotation viewed from impeller side.
- Long, maintenance free life.
- 5V to 48V
- Mounting position independent.
- Dynamically balanced to 0.8 gm-mm.
- Electronically Commutated Brushless DC Motor
- 85 to 104 CFM Airflow.
- Reverse voltage polarity protection.
- Low power consumption.
- Lead wire – SWG 24, 150mm.

OPTIONS :

- Ball or sleeve Bearing.
- Locked rotor protection.
- Locked rotor power down with autorestart.
- Tachometer output.
- Reverse Airflow.
- Dual voltage fans : 5/12V, 12/24V 24/48V

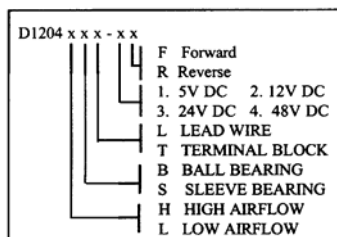
QUALITY ASSURANCE :

- Inline inspection, testing and recording.
- 100% Final testing.
- 100% preshipment Burn-In.

TEST FACILITIES :

- Pressure Vs Airflow per AMCA210.
- Acoustic measurement in full octave band.
- Dry heat, wet heat.
- SFHP motor test facilities for AC and DC motor.
- Endurance test set-up.

Part No. System

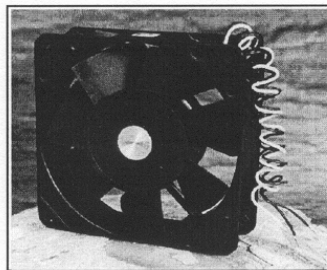


● Ball Bearing ○ Sleeve Bearing

AC 120 x 120 x 39mm. 104CFM

- D1204HB - 1/5V/ ●/48dBA/ -10..+80°C
- D1204HS - 1/5V/ ○/46dBA/ -10..+70°C
- D1204HB - 2/12V/ ●/48dBA/ -10..+80°C
- D1204HS - 2/12V/ ○/48dBA/ -10..+70°C
- D1204HB - 3/24V/ ●/48dBA/ -10..+80°C
- D1204HS - 3/24V/ ○/48dBA/ -10..+70°C
- D1204HB - 4/48V/ ●/48dBA/ -10..+80°C
- D1204HS - 4/48V/ ○/46dBA/ -10..+70°C

Voltage Range ... ±20%
 Input Power ... 5W
 Speed ... 2800 rpm
 Weight ... 400 gms.



AC 120 x 120 x 39mm. 85CFM

- D1204LB - 1/5V/ ●/43dBA/ -10..+80°C
- D1204LS - 1/5V/ ○/42dBA/ -10..+70°C
- D1204LB - 2/12V/ ●/43dBA/ -10..+80°C
- D1204LS - 2/12V/ ○/42dBA/ -10..+70°C
- D1204LB - 3/24V/ ●/43dBA/ -10..+80°C
- D1204LS - 3/24V/ ○/42dBA/ -10..+70°C
- D1204LB - 4/48V/ ●/43dBA/ -10..+80°C
- D1204LS - 4/48V/ ○/42dBA/ -10..+70°C

Voltage Range ... ±20%
 Input Power ... 3.5W
 Speed ... 1800 rpm
 Weight ... 400 gms.

