

RA-DC3010

DC BRUSHLESS AXIAL FAN

CFM 0.7 ~ 6.0
30*30*10mm



| | |
|---------|---|
| Brand | RUIAPPLE/瑞安普 |
| English | https://www.ruiapple-fan.com/DC-axial-fans/DC-3010.html |
| Chinese | https://www.ruiapple-fan.cn/DC-axial-fans/DC-3010.html |

Frame/Blade

- Frame:PBT
- Blade:PBT

Features

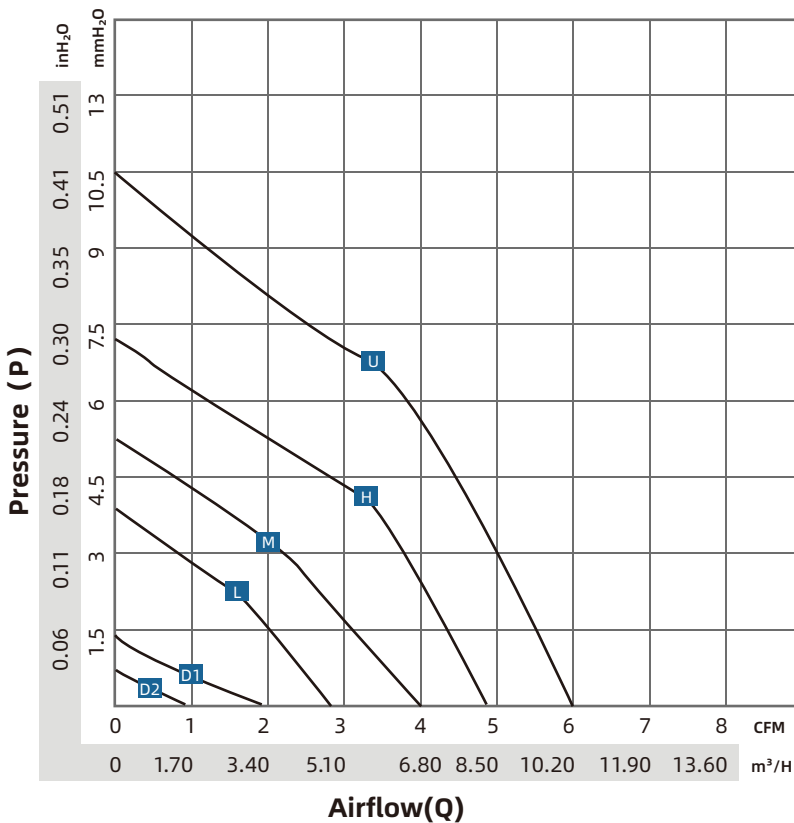
- Power Supply:5/12/24V Customizable
- Rotation:Clockwise when facing label
- Operating:Continuous
- Bearings:Ball/oil/Sleeve
- Connection Method:AWG24 specification wire
- Insulation Class:Class B
- Motor:RUIAPPLE Brushless (BLDC)
- Insulation Resistance:10M/500V DC
- Voltage Strength:2 minutes/500AVC - 5mA
- Humidity Range:RH 20% - RH 75%
- Storage Temperature:- 20°C to +75°C
- Operating Temperature:-10°C to +70°
- Maximum:50,000hours

Certification



Options

- Normal/Fault alarm
- Closed-Loop
- Intermittent operation
- PWM speed control
- Lock (stall) protection
- Moisture Protection
- Connector add
- Soft/Delayed start
- Speed limit alarm
- Temperature start/stop
- Voltage speed control
- Reverse protection
- Maximum IP: 67



RA-DC3010

| Model | P-Q | Voltage | Current | Power | Speed | Noise | Air Flow | Air Flow | Pressure |
|----------------|-----------|---------|---------|-------|-------|-------|----------|-------------------|---------------------|
| No. | P-Q Curve | V | A | W | RPM | dBA | CFM | M ³ /H | mm-H ₂ O |
| RA-DC3010D2x5 | | 5 | 0.05 | 0.25 | 3000 | | | | |
| RA-DC3010D2x12 | D2 | 12 | 0.02 | 0.25 | 3000 | 24.0 | 0.70 | 1.19 | 0.48 |
| RA-DC3010D2x24 | | 24 | 0.02 | 0.36 | 3000 | | | | |
| RA-DC3010D1x5 | | 5 | 0.08 | 0.40 | 5000 | | | | |
| RA-DC3010D1x12 | D1 | 12 | 0.05 | 0.60 | 5000 | 23.4 | 1.90 | 3.23 | 1.43 |
| RA-DC3010D1x24 | | 24 | 0.03 | 0.72 | 5000 | | | | |
| RA-DC3010Lx5 | | 5 | 0.14 | 0.70 | 8000 | | | | |
| RA-DC3010Lx12 | L | 12 | 0.08 | 0.96 | 8000 | 27.5 | 2.80 | 4.76 | 3.59 |
| RA-DC3010Lx24 | | 24 | 0.04 | 0.96 | 8000 | | | | |
| RA-DC3010Mx5 | | 5 | 0.18 | 0.90 | 10000 | | | | |
| RA-DC3010Mx12 | M | 12 | 0.12 | 1.44 | 10000 | 33.2 | 4.0 | 6.80 | 5.36 |
| RA-DC3010Mx24 | | 24 | 0.08 | 1.92 | 10000 | | | | |
| RA-DC3010Hx5 | | 5 | 0.24 | 1.20 | 12000 | | | | |
| RA-DC3010Hx12 | H | 12 | 0.11 | 1.32 | 12000 | 38.2 | 4.80 | 8.16 | 7.25 |
| RA-DC3010Hx24 | | 24 | 0.07 | 1.68 | 12000 | | | | |
| RA-DC3010Ux12 | | 12 | 0.16 | 1.92 | 15000 | | | | |
| RA-DC3010Ux24 | U | 24 | 0.09 | 2.16 | 15000 | 43.0 | 6.0 | 10.19 | 10.50 |

Model, (x) represents that the bearing is either a ball bearing (B) or Sleeve bearing (S), depending on customer requirements. For any customized design requirements for the mentioned products, please contact Ruiapple sales. For the latest product information, refer to announcements on the official Ruiapple website at www.ruiapple-fan.com.

Drawing

