

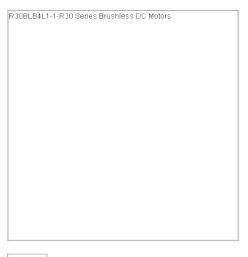
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Home / Brushless DC Motors / R30 Series Brushless DC Motors / R30BLB4L1



R30BLB4L1 Brushless DC Motor, 6Watts , 30mm Round Frame,Max.torque up to 7.1oz-in

- Wide range of speed control and smooth torque output
- Excellent speed stability
- Small size, high power
- Low temperature rise, low noise, low vibration



Learn More About R30 Series Brushless DC Motors















| Specification | Mechanical Size | Downloads | Delivery & Packaging |
|---------------|-----------------|-----------|----------------------|
|               |                 |           |                      |

| Parameter            | Unit              | Value |
|----------------------|-------------------|-------|
| Phase                |                   | 3     |
| Frame Size           |                   | 30mm  |
| Length               | mm                | 56    |
| Rated Voltage        |                   | 12VDC |
| Rated Power supply   | Vdc               | 12    |
| Rated Output Power   | W                 | 4     |
| Rated Speed          | rpm               | 1500  |
| Max. Speed           | rpm               | 3200  |
| Rated Torque         | Nm                | 0.025 |
| Rated Current        | А                 | 0.7   |
| Voltage Constant     | V rms/ K rpm      | 3.4   |
| Max. Torque          | Nm                | 0.05  |
| Resistance           | Ohms<br>±10%@20°C | 6     |
| Terminal Inductance  | mH                | 6.7   |
| Torque Constant      | mNm/A             | 36    |
| Rotor Inertia        | gcm²              | 3.062 |
| Number Of Pole Pairs |                   | 2     |
| Front Shaft Length   | mm                | 10    |
| Front Shaft Diameter | mm                | 3     |
| Insulation Class     |                   | В     |
| IP Rating            |                   | IP40  |
| rom Arrow.com.       | 1                 | 0.166 |

Sensor Hall

