

R30BLB4L1-1-R30 Series Brushless DC Motors

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



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Collection



Consultant



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	A	0.7
Voltage Constant	V rms/ K rpm	3.4
Max. Torque	Nm	0.05
Resistance	Ohms ±10%@20°C	6
Terminal Inductance	mH	6.7
Torque Constant	mNm/A	36
Rotor Inertia	gcm ²	3.062
Number Of Pole Pairs		2
Front Shaft Length	mm	10
Front Shaft Diameter	mm	3
Insulation Class		B
IP Rating		IP40
		0.166

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