

R30BLDC Motor Series: 30mm, 4-6 Watts

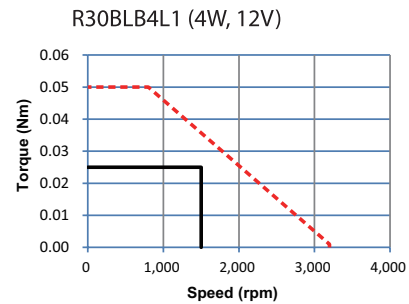
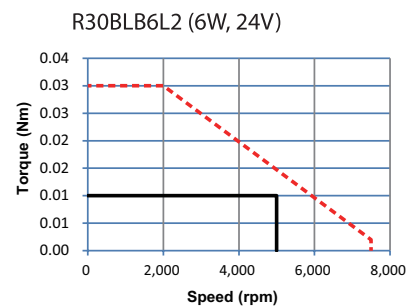


- Commutation Signals
 - Insulation Class
 - Protective Rating
 - Operating Temperature
 - Storage Temperature
 - Operating RH
 - Operating Environment
 - Altitude
- Hall Sensor
B (130°C)
IP40
0 ~ +50°C
-25 ~ +70°C
85%RH or Below (non-condensing)
Indoor, no corrosive gas, no flammable gas, no oil mist, no dust
1000m max

Technical Specification

Series		R30BLB6	R30BLB4
Length	mm	41	56
Model Number		R30BLB6L2	R30BLB4L1
DC Supply Voltage	V dc	24	12
Rated Output Power	Watts	6	4
Rated Speed	RPM	5000	1500
Rated Torque	Nm	0.01	0.025
Rated Current	A rms	0.5	0.7
Max. Intermitent Torque	Nm	0.03	0.05
Max. Intermitent Current	A rms	1.6	1.5
Voltage Constant	Vrms / K RPM	1.56	2.4
Torque Constant	Nm / A rms	0.020	0.036
Winding Line Resistance	Ohms	11.2	6
Winding Line Inductance	mH	8.7	6.7
Max. Mechanical Speed	RPM	7700	3200
Moment of Inertia	kg m ²	2.04 x 10 ⁻⁶	3.06 x 10 ⁻⁶
Phases		3	3
Pole-Pairs		2	2

Torque - Speed Features



--- Max. Intermittent Torque
— Max. Continuous Torque

Mechanical Dimension

Unit: mm

