

22BLDC Motor Series: 22mm, 7-8.5 Watts



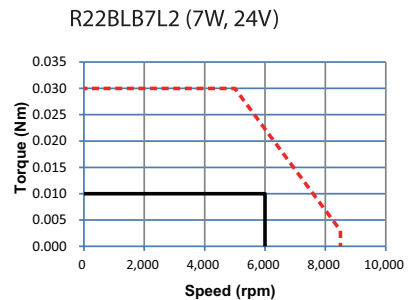
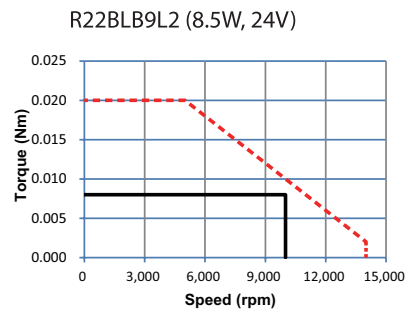
- Commutation Signals
- Insulation Class
- Protective Rating
- Operating Temperature
- Storage Temperature
- Operating RH
- Operating Environment
- Altitude

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		R22BLB9	R22BLB7
Length	mm	40	50
Model Number		R22BLB9L2	R22BLB7L2
DC Supply Voltage	V dc	24	24
Rated Output Power	Watts	8.5	7
Rated Speed	RPM	10000	6000
Rated Torque	Nm	0.008	0.01
Rated Current	A rms	0.72	0.54
Max. Intermittent Torque	Nm	0.02	0.03
Max. Intermittent Current	A rms	1.6	1.3
Voltage Constant	Vrms / K RPM	1.16	2.47
Torque Constant	Nm / A rms	0.011	0.019
Winding Line Resistance	Ohms	9.7	13.9
Winding Line Inductance	mH	1.67	3.79
Max. Mechanical Speed	RPM	14000	8900
Moment of Inertia	kg m ²	1.53 x 10 ⁻⁵	1.02 x 10 ⁻⁵
Phases		3	3
Pole-Pairs		2	2

Torque - Speed Features



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

Mechanical Dimension

Unit: mm

