

R16BLDC Motor Series: 16mm, 3 Watts

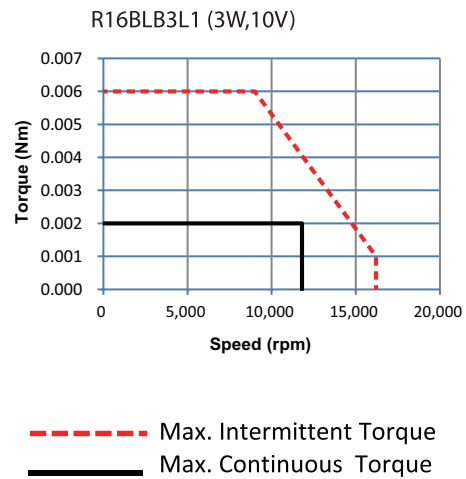


- Commutation Signals
 - Insulation Class
 - Protective Rating
 - Operating Temperature
 - Storage Temperature
 - Operating RH
 - Operating Environment
 - Altitude
- Hall Sensor
B (130°C)
IP40
0 ~ +50°C
-25 ~ +70°C
85%RH or Below (non-condensing)
Indoor, no corrosive gas, no flammable gas, no oil mist,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

Technical Specification

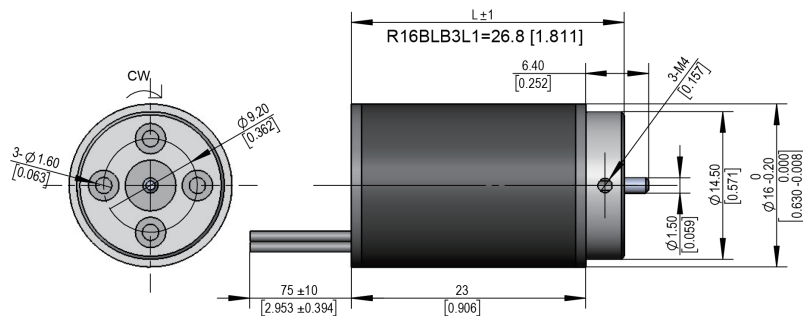
Series	R16BLB3	
Length	mm	26.8
Model Number	R16BLB3L1	
DC Supply Voltage	V dc	10
Rated Output Power	Watts	3
Rated Speed	RPM	11800
Rated Torque	Nm	0.002
Rated Current	A rms	0.42
Max. Intermitent Torque	Nm	0.006
Max. Intermitent Current	A rms	2.1
Voltage Constant	Vrms / K RPM	0.45
Torque Constant	Nm / A rms	5.04×10^{-3}
Winding Line Resistance	Ohms	2.2
Winding Line Inductance	mH	0.3
Max. Mechanical Speed	RPM	16200
Moment of Inertia	kg m ²	2.86×10^{-7}
Phases	3	
Pole-Pairs	2	

Torque - Speed Features



Mechanical Dimension

Unit: mm



Introduction of BLDC Motors

42 BLDC Motors

57 BLDC Motors

70 BLDC Motors

80 BLDC Motors

Round BLDC Motors

R16 BLDC Motors

R22 BLDC Motors

R30 BLDC Motors

R36 BLDC Motors

R42 BLDC Motors

R57 BLDC Motors

R63 BLDC Motors