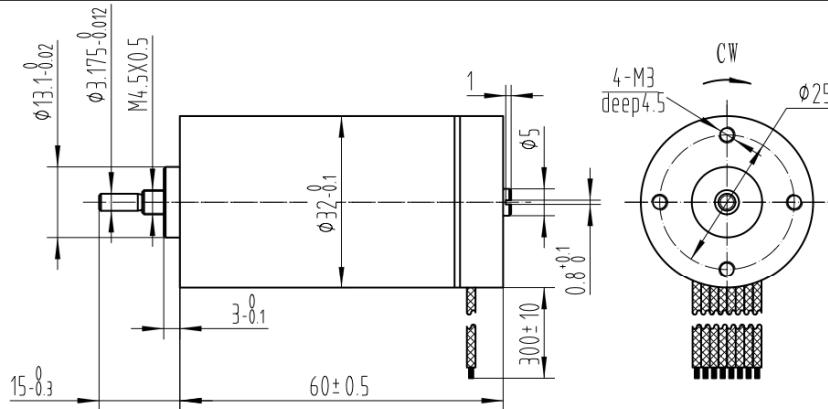


Brushless DC Motor - 32 mm Ø

B32E24BZ000 444.0 Watts Peak Power



Global Motion Products



Dimensions in mm
Not to Scale

motor (AWG22)			HALL (2+AWG)				
A	B	C	H+	H-	Ha	Hb	Hc
red	blk	wht	grn	blu	brn	yel	org

Nominal voltage	24.0 Volts
No-load speed	33,000 rpm
Stall torque	517.4 mNm
No-load current	0.500 Amps
Peak Output power	444.0 Watts

Torque constant	6.90 mNm/A
Terminal resistance	0.32 Ohms
Back-EMF constant	0.72 V/krpm
Winding inductance	0.023 mH

Slope of speed/torque curve	63.8 rpm/mNm
Maximum Efficiency	84 %
Motor Constant	12.20 mNm/Sqrt Watt

Commutation Type	Electronic - Hall Effect
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Radial Load Rating	45.5 N	Radial Play	0.015 mm	Max Temperature	85 °C
Radial Load Distance	7 mm	Thrust Play	0.200 mm	Min Temperature	-35 °C
Axial Load	36.00 N	Magnet Type	NdFeB	Max Winding Temp	125 °C
Press Fit Force - Max		Bearing Type	Ball Bearings	Mass	220 grams
Gearbox Options	P30, P35, P42, P52 Planetary Gearboxes				
Encoder Options	Contact GMP				
Options - Other	Windings, special shafts, sensorless version, lubrication, connectors.				

Global Motion Products

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Specifications Subject to change without notice