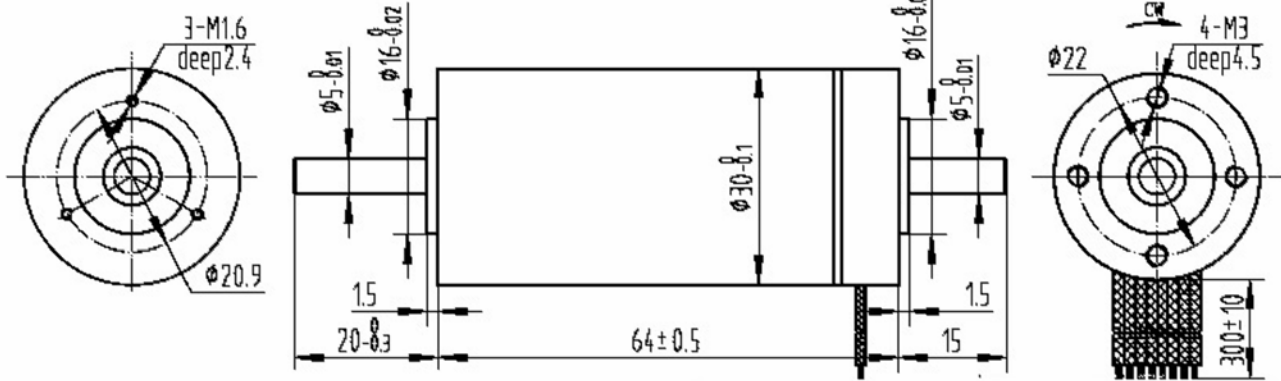


# Brushless DC Motor - 30 mm Ø



B30E24BZ010 20.0 Watts Peak Power

Global Motion Products



Dimensions in mm  
Not to Scale

motor (AWG22)			BALL (24AWG)				
A	B	C	H+	H-	Ha	Hb	Hc
red	blk	wht	grn	blu	brn	yel	org

Nominal voltage	24.0 Volts
No-load speed	6,000 rpm
Stall torque	130.6 mNm
No-load current	0.080 Amps
Peak Output power	20.0 Watts

Torque constant	37.32 mNm/A
Terminal resistance	6.86 Ohms
Back-EMF constant	3.91 V/krpm
Winding inductance	0.800 mH

Slope of speed/torque curve	45.9 rpm/mNm
Maximum Efficiency	72 %
Motor Constant	14.25 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	Yes				
Encoder Options	Optional				
Options - Other	Shaft, Lubricants				

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