

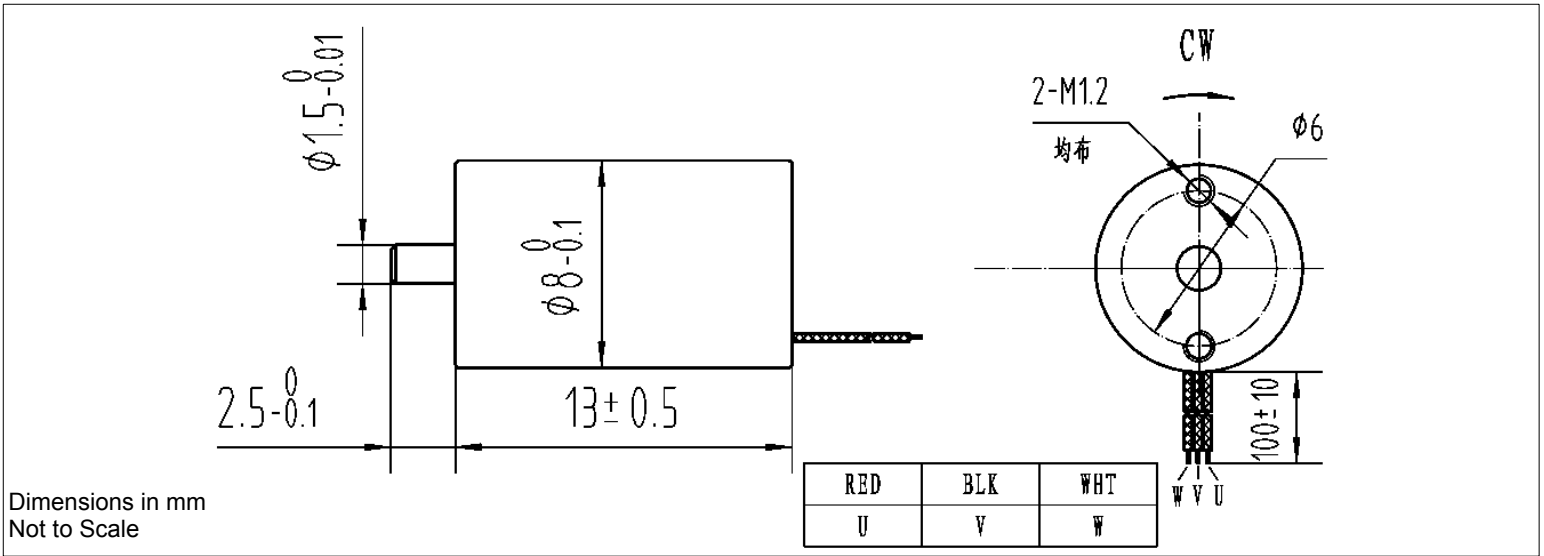
Brushless DC Motor - 8 mm Ø

B08E05BZ000

0.1 Watts Peak Power

GMP

Global Motion Products



Nominal voltage	5.0 Volts
No-load speed	8,900 rpm
Stall torque	0.2 mNm
No-load current	0.010 Amps
Peak Output power	0.1 Watts

Torque constant	4.35 mNm/A
Terminal resistance	95.00 Ohms
Back-EMF constant	0.46 V/krpm
Winding inductance	0.500 mH

Slope of speed/torque curve	38,914.1 rpm/mNm
Maximum Efficiency	32 %
Motor Constant	0.45 mNm/Sqrt Watt

Commutation Type	Electronic - Sensorless
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Radial Load Rating	24.0 N	Radial Play	0.015 mm	Max Temperature	85 °C
Radial Load Distance	7 mm	Thrust Play	0.200 mm	Min Temperature	-30 °C
Axial Load	24.00 N	Magnet Type	NdFeB	Max Winding Temp	125 °C
Press Fit Force - Max	60.00 N	Bearing Type	Ball Bearings	Mass	53 grams

Gearbox Options Contact GMP
Encoder Options Contact GMP
Options - Other Hall Effect Transducers, Threaded Front and/or Rear Housing, Windings.

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RoHS Compliant

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Specifications Subject to change without notice