

BDE-82-181 Series



FEATURES

- **Brush DC Motor**
- **Designed for high volume applications**
- **Up to 124.8 oz-in of continuous torque**
- **82 mm diameter**
- **Custom versions available**



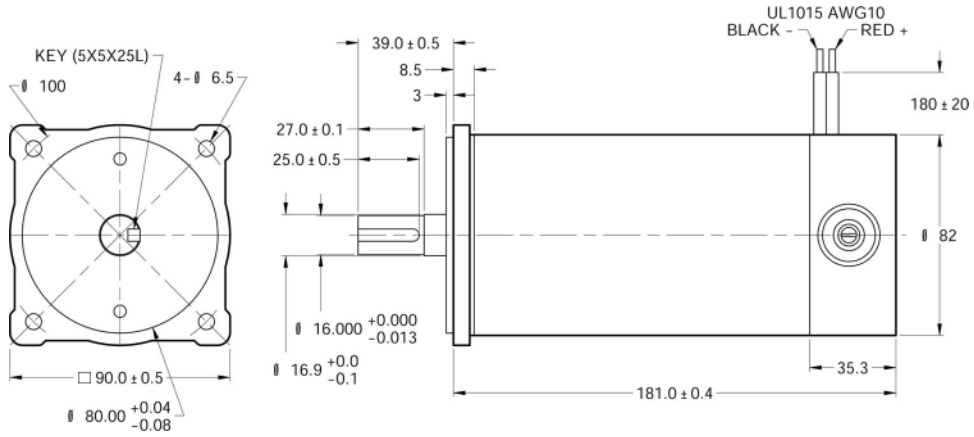
DESCRIPTION

The Brush DC Motor was designed for high volume OEM applications with low cost being the primary objective. This Brush DC Motor can output up to 124.8 oz-in of continuous torque. The custom options for the Brush DC Motor line includes optimizing the maximum speed, torque, current, voltage, cabling, wiring, connectors, and shaft modifications.

SPECIFICATIONS

Model #	Nominal (Volts DC)	Speed No Load (RPM)	Current No Load (Amps)	Rated Output Power (W)	Rated Torque (oz-in)	Rated Speed (RPM)	Rated Current (Amps)	Length (mm)	Weight (Lbs)	Shaft Diameter (mm)
BDE-82-181-24V-3750	24.5	3750	3.5	300	124.8	3300	15.5	181	8.76	16
BDE-82-181-24V-5850	24.5	5850	5.5	500	124.8	5300	23.0	181	8.76	16

L010476



*All units are in mm

DIMENSION

Insulation Resistance:	500VDC/50M ohm min
Insulation Classification:	F Class
Hi-Pot:	500VAC/1mA/1sec
Direction of Rotation:	CW
Noise (Background 45dB):	65dB Max

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