

# BDB-80-175 Series - Standard Permanent Magnet DC Motors



## FEATURES

- Dynamically balanced armatures
- Double shielded ball bearings
- Class F Insulation
- Carbon steel shaft material
- Oversized with integral shunts



## DESCRIPTION

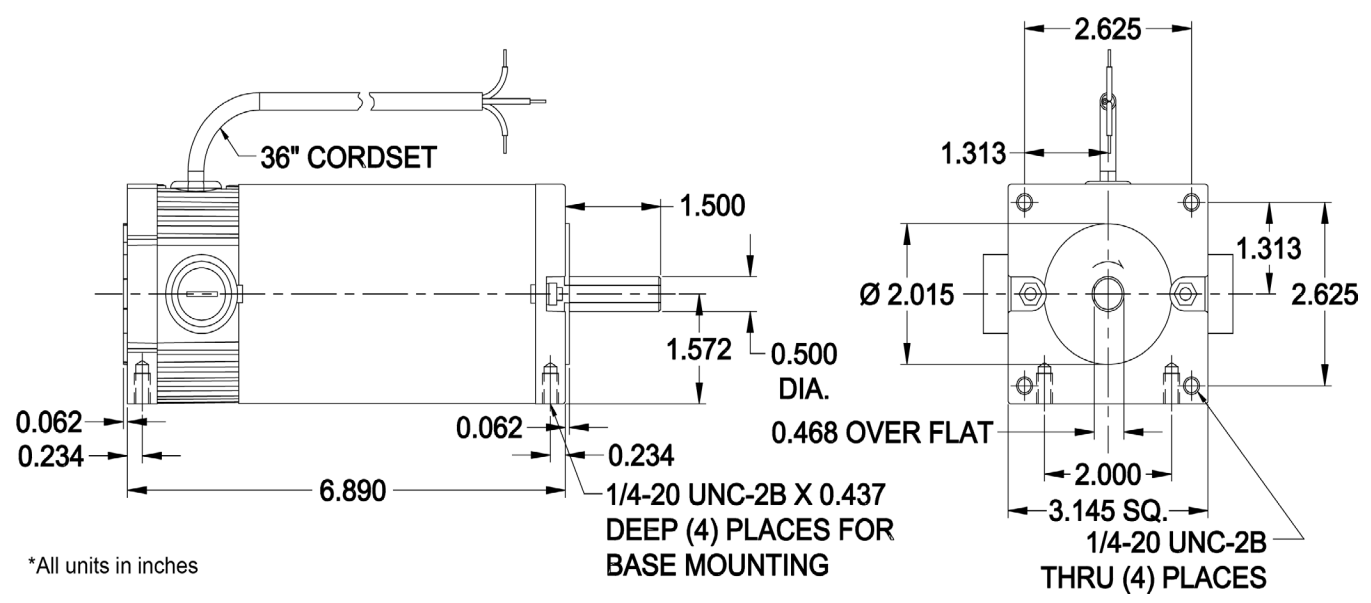
The BDB-80-175 series DC motors provide a cost-effective solution for your application. This motor can be used anywhere from power pulleys, belts, pumps to water heating and other machine applications. The BDB-80-175 series has ceramic permanent magnets to provide the torque your application requires. The BDB-80-175 1/8HP motor can provide up to 70 oz-in of torque. It can be mounted at both the base and the face of the motor.

## SPECIFICATIONS

Model #	Volts (DC)	RPM	Amps	Watts (W)	Rated Torque (oz-in)	Torque Contant (oz-in/amp)	Voltage Constant (V/kRPM)	Terminal Resistance (ohms)	Weight (lbs)	Length (in)
BDB-80-175-1800	90	1800	1.28	115	70	61.5	45.5	6.6	9.25	6.890

- Armatures: Dynamically Balanced
- Commutators: Tang-Type, Diamond Turned
- Varnishing: Class H Polyester Trickle Varnishing
- Magnets: Highest Grade Ceramic
- Finish: Gloss Black Powder Coat

## DIMENSIONS



L010949