

# BDB-65-125 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

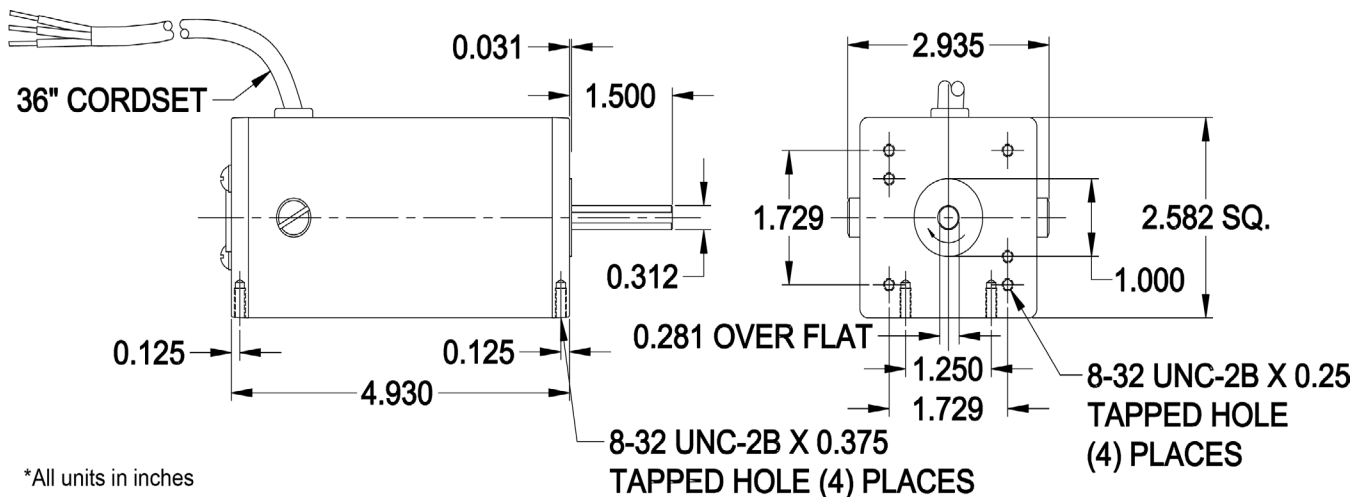
The BDB-65-125 series DC motors provide a cost-effective solution for your application. This motor can be used anywhere from power pulleys, belts, pumps to water heating and other machine applications. The BDB-65-125 series has ceramic permanent magnets to provide the torque your application requires. The BDB-65-125 1/27HP motor can provide up to 20.8 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-65-125-1810	90	1810	0.46	41	20.8	59.6	44.1	24.9	5.25	4.930

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

## DIMENSIONS



L010945