Grounding Ring Installation

For WorldWide Electric Open Drip Proof Motors

Required Parts

1. Grounding Ring, 1 PC
2. Mounting Clips, 3 PCS
3. 10-24 x 1/4” screws, 3 PCS
4. M3 screws, 3 PCS

Required Tools and Equipment

5. Clean, dry rag
6. Phillips head screwdriver



Figure 2 Grounding Ring

Safety considerations

Ensure the following before beginning the work as outlined in this guide:

1. Electricity must be disconnected from the motor.
2. The motor must be decoupled from any driven equipment.
3. Ensure the work area is free from debrris, dust, or other contaminants.

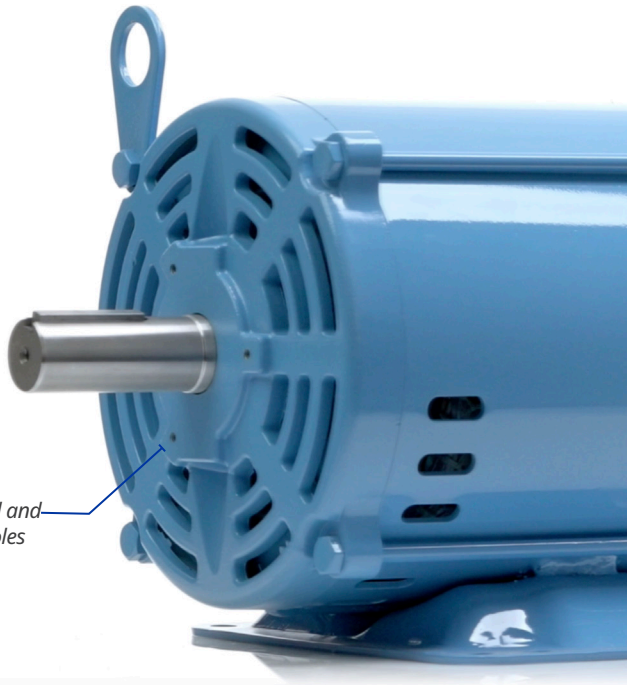


Figure 1
Pre-drilled and tapped holes

Instructions

4. Uncrate motor and remove plastic bag from motor.
5. Remove plastic shaft sleeve and key from shaft.
6. Wipe the shaft clean of the rust inhibitor.
7. Install mounting clips onto grounding ring using the three (3) M3 screws, and then line up to pre-drilled and tapped holes (Fig. 1) on DE end bell.
8. Mount the grounding ring using the three (3) 10-24 x 1/4” screws. Loosely secure so that the grounding ring can be centered on shaft (Fig. 2.) Make sure the fibers are not running into the keyway of the shaft.
9. Tighten 3 mounting screws in DE end bell. (Fig. 3)
10. Install in application and make sure that the motor is properly grounded.

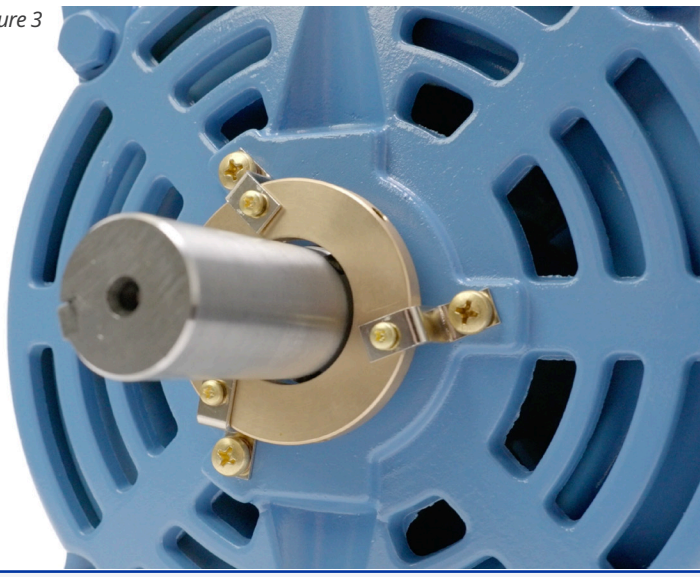


Figure 3

WORLDWIDE ELECTRIC CORPORATION

WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, gear reducers, and generators. Offering fast, often same-day, shipping from seven regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.

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