

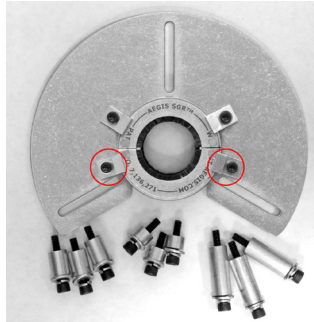


AEGIS™ Bearing Protection Ring Kit for NEMA & IEC Motors

Installation Guide:

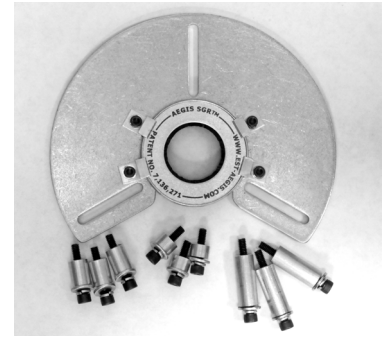
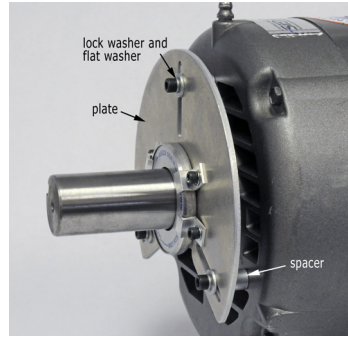
1. Shaft must be clean & free of any coatings, paint, or other nonconductive material. Lightly sand shaft to remove any oxide coating.
2. AEGIS™ SGR should not operate over a keyway. If necessary, adjust or change spacer and screw lengths or fill keyway with a fast-curing epoxy putty in the area of contact.
3. **SOLID RING:** Use a rotating motion when sliding AEGIS™ SGR and mounting plate over the motor shaft. This will help protect fibers during installation.

SPLIT RING: Remove the two lower mounting brackets from the bottom half of the AEGIS™ SGR. Place the kit over the shaft. Reassemble the AEGIS™ SGR around the motor shaft. Use spacer clips to provide a gap between the two ring pieces to keep it round. Once ring is secure, remove the spacer clips.



4. Align ring around the shaft to maintain an even clearance. Conductive MicroFibers™ must be in contact with the conductive metal surface of the shaft. Mark your drill points on the end bell through the slots in the plate. Slide kit away from the end bell to drill holes.

Patented Technology



5. English Mounting Hardware:
 - a. Drill 3 holes using a #29 drill
 - b. Depth of hole should be 1/4" max.*
 - c. Tap each hole with a #8-32 tap

Metric Mounting Hardware:

- a. Drill 3 holes using a 3.3mm drill
- b. Depth of hole should be 6mm *
- c. Tap each hole with a M4 x 0.7 tap

*CAUTION:
DO NOT DRILL
INTO BEARING

6. Secure the AEGIS™ SGR kit in place with screws, washers and spacers provided. Proper operation and grounding of the AEGIS™ SGR is reliant on the mounting screws to the motor housing. Alternate hardware used for mounting should be conductive. Do not use Loctite® or any other non-conductive material to secure the screws. Consult EST with any questions.
7. After installation, test for conductive path to ground using Ohm meter. One probe on metal frame of AEGIS™ SGR and one probe on motor frame. NOTE: Motor grounding must be in accordance with applicable wiring standards. SGR IS NOT A GROUND FAULT PROTECTION DEVICE.

WARRANTY: Units are warranted for one year from date of purchase against defective materials and workmanship. Replacement will be made except for defects caused by abnormal use or mishandling. All statements and technical information contained herein, or presented by the manufacturer or his representative are rendered in good faith. User must assume responsibility to determine suitability of the product for intended use. The manufacturer shall not be liable for any injury, loss or damage, direct or consequential arising out of the use, or attempt to use the product.



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