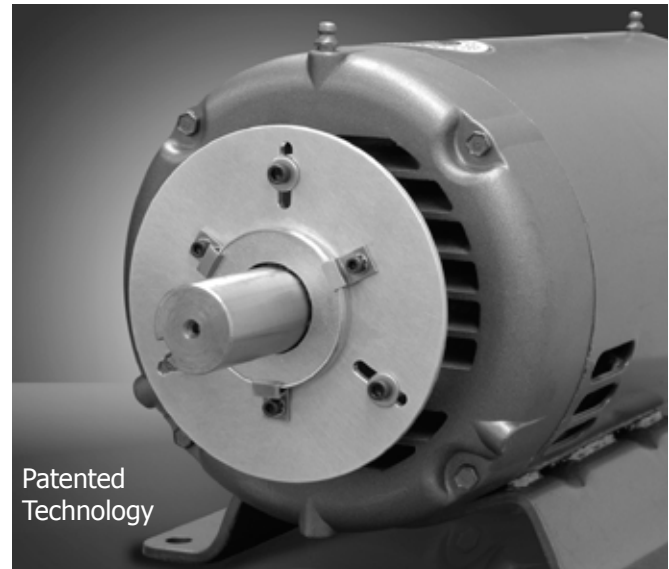
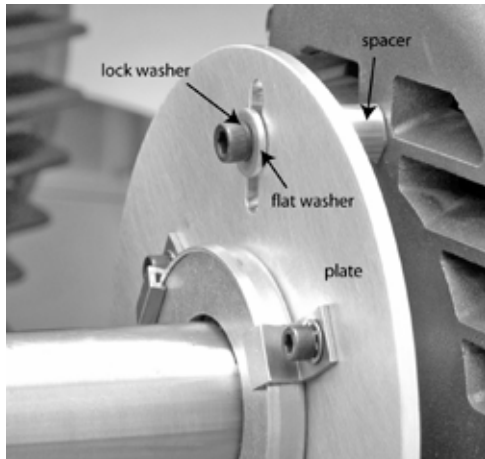


AEGIS Bearing Protection Ring Kit for NEMA & IEC Motors



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. SGR™ should not operate or come in contact with the keyway during operation. If necessary, adjust or change spacer and screw lengths.
 3. Use a rotating motion when sliding SGR and mounting plate over the motor shaft. This will help protect fibers during installation. Maintain an even clearance around the shaft. Conductive MicroFibers™ must be in contact with conductive metal surface of the shaft. Mark your drill points and remove SGR and mounting plate.
 4. 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
- *CAUTION:
DO NOT DRILL
INTO BEARING**
- Metric Mounting Hardware:
 - a. Drill (2) holes using a 3.3mm drill
 - b. Depth of hole should be 6mm *
 - c. Tap each hole with a M4 x 0.7 tap
 5. Secure the SGR in place with screws, washers and spacers provided. Final location of SGR fibers should not be located over keyway. Proper operation and grounding of the SGR is reliant on the mounting screws to the motor housing. Alternate hardware used for mounting should be conductive. Do not use locktite or any other non-conductive material to secure the screws. Consult EST with any questions.
 6. After installation, test for conductive path to ground using Ohm meter. One probe on metal frame of SGR and one probe on motor frame. NOTE: Motor grounding must be in accordance with applicable wiring standards.
CAUTION: SGR IS NOT A GROUND FAULT PROTECTION DEVICE.
 7. In occasions where SGR is exposed to excessive debris, additional protection of the SGR fibers may be necessary. Call technical support at 207-998-5140 or email techsupport@est-aegis.com

www.est-aegis.com

31 Winterbrook Road
Mechanic Falls, ME 04256
Tel: 207-998-5140
Fax: 207-998-5143

AEGIS Bearing Protection Ring Kit for NEMA & IEC Motors

- Clears any slinger, shaft shoulder or protrusion
- Adjustable slots adapt to most end bells
- Rigid mounting plate ensures alignment
- Slim design, uses less than 1/2" usable shaft length



NEMA/IEC Bearing Protection Ring Kit



AEGIS SGR™ Prevents Electrical Bearing Damage

The only bearing protection system guaranteed to eliminate harmful shaft currents, preventing premature motor failure - for life!

- Maintenance-free
- Unaffected by dirt, grease, or other contaminants
- Lasts for life of motor
- Easily installed in minutes-even in the field
- Mounts on either end of motor shaft
- Simple screw-on mounting brackets
- No machining required

WARRANTY: Units are guaranteed 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.

**Electro
Static
Technology™**
An ITW Company

31 Winterbrook Road
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Tel: 207-998-5140
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Sales/Customer Service: sales@est-aegis.com

Technical Support: techsupport@est-aegis.com

AEGIS SGR™, Conductive MicroFiber™, Shaft Grounding Ring™, and Bearing Protection Ring™ are trademarks of Electro Static Technology-ITW

www.est-aegis.com