

## Refer to AEGIS® HANDBOOK

### for Best Practices.

<http://www.est-aegis.com/bearing/index.htm>

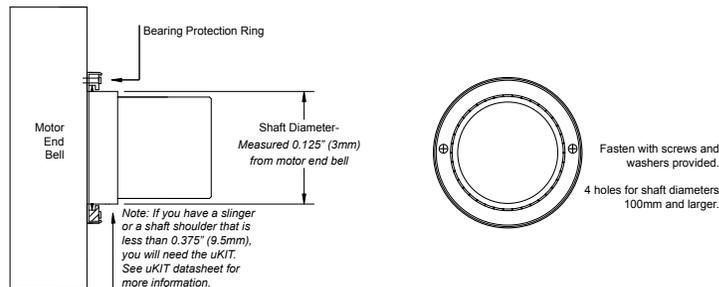
Form 116-1 (3/2014)

## Installation Guide:

1. Motor must be grounded to common earth ground with drive according to applicable standards. AEGIS® SGR is not a ground fault protection device.
2. Shaft must be clean & free of any coatings, paint, or other nonconductive material.
3. AEGIS® SGR should not operate over a keyway. If SGR will operate over a keyway, fill keyway with a fast-curing epoxy putty in the area of contact.
4. Install the AEGIS® SGR so that the aluminum ring maintains an even clearance around the shaft. Conductive MicroFibers™ must be in contact with conductive metal surface of the shaft.
5. Mounting Hardware: CAUTION-DO NOT DRILL INTO BEARING
  - a. Drill holes
  - b. Depth of hole should be 1/4"
  - c. Tap holes

Screw	Drill	Tap
10-32	#21	10-32
6-32	#36	6-32
5-40	#38	5-40
4-40	#43	4-40
M3	2.5mm	M3
6. To improve the conductivity of the steel shaft surface we recommend coating the shaft, where the fibers will contact the shaft, with our AEGIS® Colloidal Shaft Coating PN CS015. See CS015 instructions on our website for details.
7. The bolts provide the path to ground. Do not use Loctite© or any other non-conductive material to secure the bolts.
8. 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 must be grounded to common earth ground according to applicable standards.
9. In occasions where the AEGIS® SGR is exposed to excessive debris, additional protection of the fibers may be necessary. Call technical support at 207-998-5140 or email [techsupport@est-aegis.com](mailto:techsupport@est-aegis.com)

## AEGIS® Bearing Protection Ring with Bolt Through Installation Patented Technology



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**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.

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