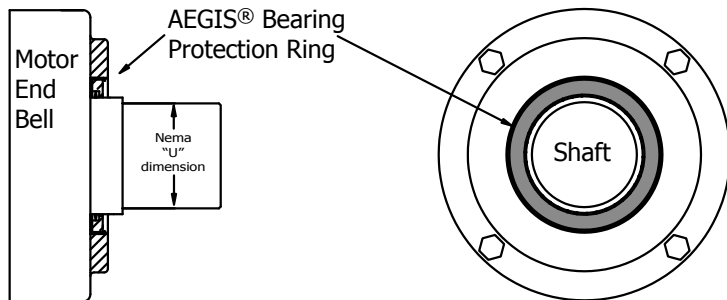


AEGIS® Bearing Protection Ring with Press Fit Installation

Patented Technology



Sales/Customer Service: sales@est-aegis.com
Technical Support: techsupport@est-aegis.com

www.est-aegis.com



31 Winterbrook Road
Mechanic Falls, ME 04256
Tel: 1-207-998-5140
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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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Installation Guide:

1. Motor must be grounded to common earth ground with drive according to applicable standards. CAUTION: 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 keyway. If SGR will operate over a keyway, fill keyway with a fast curing epoxy putty in the area of contact.
4. 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.
5. Bore dimensions for dry press fit (see other side)
6. Conductive MicroFibers™ must be in contact with conductive metal surface of the shaft.
7. No oils or other lubricants should be used to assist installation as this may prevent the conductive path to ground.
8. 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.
9. In occasions where AEGIS® 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

Press Fit Specification & Tolerance

SGR OD	Motor Bore
Tolerance +0mm/-0.025mm (+0"/-0.001")	Tolerance +0.025mm/-0mm (+0.001"/-0")
40.132mm (1.580")	40.030mm (1.576")
52.832mm (2.080")	52.730mm (2.076")
67.564mm (2.660")	67.462mm (2.656")
78.232mm (3.080")	78.130mm (3.076")
90.932mm (3.580")	90.830mm (3.576")
103.632mm (4.080")	103.530mm (4.076")
116.332mm (4.580")	116.230mm (4.576")
129.032mm (5.080")	128.930mm (5.076")
141.732mm (5.580")	141.630mm (5.576")
154.432mm (6.080")	154.330mm (6.076")
167.132mm (6.580")	167.030mm (6.576")
179.832mm (7.080")	179.730mm (7.076")

It is important to stay within the tolerance noted to ensure optimum shaft grounding