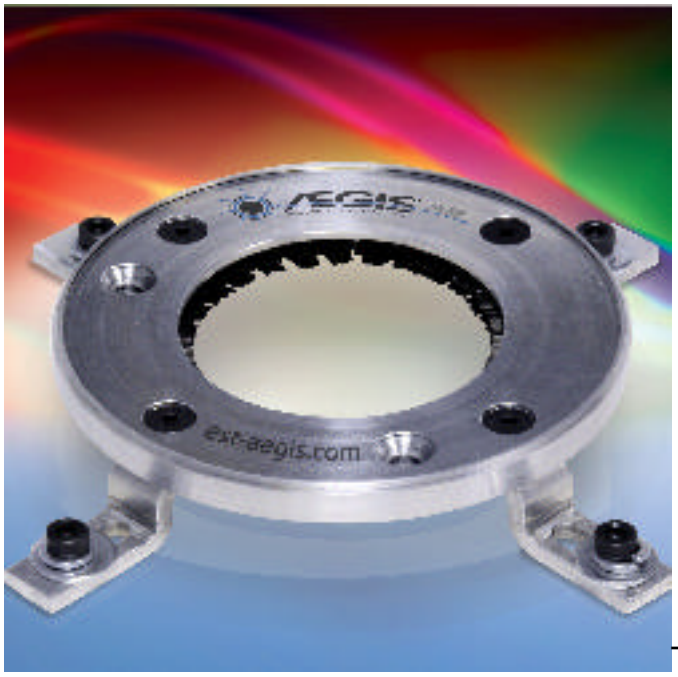
Kit Facilitates Installation of Aegis Shaft Grounding Ring on Virtually Any Motor



The AEGIS SGR Bearing Protection Ring protects the bearings of VFD-driven motors from electrical damage, and the all-inclusive AEGIS Universal Mounting Kit (U-Kit) simplifies its mounting on virtually any AC motor shaft. Available from Electro Static Technology, the kit includes the proven AEGIS grounding ring and mounting hardware for most motor designs. Ordered based on the NEMA “u” shaft diameter, the kit contains the correct size ring for the motor and four styles of brackets with bolts and lock washers that can be used in various configurations, depending on the contours of the motor’s end bracket.
Ideal for HVAC service contractors, motor repair shops, plant maintenance departments, and original equipment manufacturers, the ring prevents electrical “fluting” damage in the bearing, bearing noise, costly motor repairs/replacements, and downtime by safely channeling VFD-induced bearing currents to ground. To simplify the installation of the ring on NEMA frame motors, the brackets in the U-Kit may be mounted on the motor either by drilling and tapping small holes or using AEGIS Conductive Epoxy (ordered separately).

The ring’s conductive microfibers are embedded securely in the patented AEGIS FiberLock channel and completely surround the motor shaft, providing millions of discharge points for harmful shaft currents. This unique design creates the path of least resistance that effectively diverts these currents away from bearings to ground. The microfibers themselves are specially engineered for exceptional flexibility to prevent breakage. Unlike conventional shaft grounding brushes, the AEGIS ring is maintenance-free and lasts for the life of the motor.

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