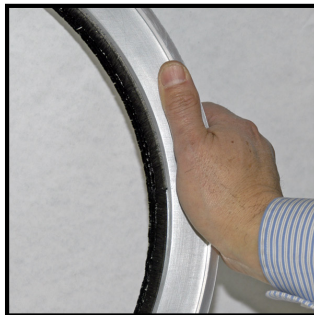




AEGIS® iPROSL
High Current Shaft Grounding
Patented Technology



US Patent No. 7136271, 7193836



Caution: Do Not Crush Fibers

The shaft must be rust-free during operation. Shaft should be periodically inspected for potential rust build-up.

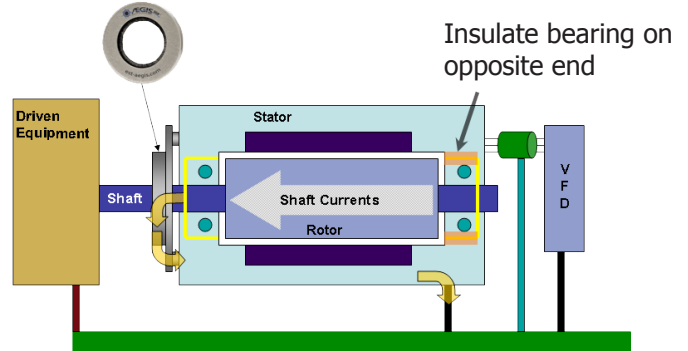


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Installation Guide:

Insulate the bearing on one end (usually NDE) and install AEGIS® iPRO on the other end



1. Motor frame must be well grounded
2. Non-Drive End: Bearing journal should be insulated or Insulated/Ceramic Bearing installed to disrupt circulating currents.
3. Drive End: Remove paint and any rust from the shaft. Shaft must be clean, bare metal. Use Scotch-Brite to give final clean finish to the shaft. iPRO microfibers should not operate over a keyway. If iPRO will operate over a keyway, fill keyway with a fast-curing epoxy putty in the area of contact.
4. Apply AEGIS® CS015 Silver Shaft Coating. Refer to application notes supplied with the bottle of CS015.
5. Install AEGIS® iPRO Bearing Protection Ring
 - Solid Ring iPRO - slide ring over the shaft and ensure contact of fiber all around. Secure using bolt through mounting hardware or custom brackets. **DO NOT USE Loctite as it will interrupt the grounding path.**
 - Split Ring iPRO - Disassemble iPRO by removing screws from the face. Reassemble iPRO on shaft using loctite. Take care to prevent fiber damage during installation. Ensure contact of fiber all around. Secure to motor with bolt through mounting hardware or custom brackets. **DO NOT USE Loctite to secure iPRO to motor because it will interrupt the grounding path.**

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.