The Bearing Protector™

Helwig’s Shaft Grounding Assembly protects against premature bearing failure, a major cause of motor downtime

- Stops major causes of bearing failure
- Easy to install and maintain
- Stock kits fit most motors
- Custom kits available

Helwig has developed The Bearing Protector™ to help increase the life of motors. The Bearing Protector™ is a shaft grounding assembly that diverts static and induced electric currents in motor shafts away from the bearings, protecting them from pitting and potential damage.

Quality, Consistency and Reliability

The Bearing Protector’s™ solid brass brush holder contains a constant-force spring to ensure that electrical contact between the silver graphite grounding brush and the motor shaft is continuous. As long as there is continuous electrical contact, the bearing components are protected against the development of electrical pits. When electric currents are conducted through the bearings to ground, the bearings become damaged over time from arcing and pitting. The resulting irregular surfaces on the bearings cause noise, vibration and premature bearing failure. Bearing failure is one of the most common causes of motor downtime.

Equipped with a silver graphite grounding brush, The Bearing Protector™ assures that shaft voltages are maintained at a safe minimum level, near zero volts.

Brush Changes Are Fast and Easy

Changing grounding brushes is fast and easy with The Bearing Protector™. Simply squeeze the spring clip assembly, lift it upward and tilt it back. Remove the old brush and install a new one. Slide the spring clip back down until it snaps into place and you’re done!

Improves Bearing Protection

The Bearing Protector™ offers a more consistent, low voltage drop versus grounding straps, braids, or makeshift solutions.

Quick Delivery

The Bearing Protector™ is available for immediate delivery.

Call today to order The Bearing Protector™ Kit and extend the life of your motors

800-962-4851