


Superior Performance | Long Bearing Life | Reduced Maintenance

Helwig Carbon Bearing Protection Solution



Part # BPK-S — Patented Sealed Bearing Protection Kit

- A proven solution to protect your motor bearings.
- Sealed and protected from outside elements and contamination.
- Most effective technology for minimizing shaft voltages & damaging currents.
- Very long life; typically exceeds 2.5 million miles (4 million km), of sliding contact.
- Constant force spring for consistent low resistance contact.
- Easy to install externally or internally; adjustable height slotted mounting holes.
- One size fits all motors. Large shaft diameters may need multiple kits.
- Quick disconnect grounding terminal.
- UL approved.  us

For more information on your bearing protection needs,
contact Helwig Carbon at **800-962-4851**.




American Owned and Made

HELWIG
CARBON
PRODUCTS, INC.
www.helwigcarbon.com

ISO 9001 Certified

New Bearing Protection Solution

Causes of Bearing Damage

AC and DC Motors with variable frequency drives (VFD) produce induced electrical currents on the motor shaft. This current seeks the path of least resistance to ground which is typically through the motor bearings. When current passes through the bearings electrical arcs take place leading to fluting, pitting, and bearing damage. The fluted or damaged bearing surface cause noise, vibration, and premature bearing failure. This can lead to costly downtime and lost revenue.

Preventing Bearing Damage

Helwig Carbon uses proven silver graphite brush technology in a variety of bearing protection kits (BPK) for motor shaft grounding. Our kits effectively divert induced electrical currents away from the bearings, protecting them from damage.



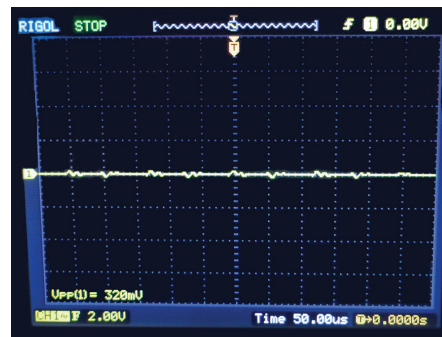
Where Bearing Protection is needed:

- Motors with VFD
- HVAC Units
- Pump Motors
- Fans
- Air Handling
- Compressors
- Elevators
- Data Centers
- Chillers
- Conveyors
- Refrigeration
- Generators
- Drilling Rigs
- Propulsion Systems
- Cranes

Most effective shaft voltage reduction:



Unprotected Motor



Protected with Helwig BPK



www.helwigcarbon.com

Helwig Carbon Products, Inc. – USA | 8900 West Tower Avenue | Milwaukee, WI 53224-2849
Email: carboncrew@helwigcarbon.com Phone: 414.354.2411 U.S. Toll Free Phone: 800.962.4851 Toll Free Fax: 800.365.3113