



MOTOR SHAFT GROUNDING MODULE - STANDARD - *OVERVIEW & BENEFITS*

Without proper precautions Variable Frequency Drives will destroy electric motor bearings.

Many of today's electric motors are retrofitted to operate on Variable Frequency Drives (VFDs) to control speed and boost efficiency.

VFD driven motors will generate voltages and currents in the shaft of the motor.

These voltages often arc or discharge through the motor bearings to the motor housing. This event can happen hundreds of times per second. Over several months, this discharge action will cause the bearings to pit, resulting in premature bearing failure.

Aaki's Motor Shaft Grounding Modules help to prevent premature bearing failure.

Installation of a Motor Shaft Grounding Module will reroute the damaging currents from the shaft to the motor housing through this device, bypassing and protecting the bearings.

Installation is Simple, Easy and Quick

The device is bolted to the motor housing with two screws. Alignment and adjustment are quick and easy. Optional mounting tools, extensions, spacers and our new FleXmount™ line of brackets are available to make mounting to almost any motor quick and cost effective.

**The Result:
A well-built, professionally installed product
customers appreciate.**

Aaki Corp.

Grounding Solutions

A Better Way

Calgary, Alberta, Canada Phone: 1-888-899-AAKI (2254) info@aaki.ca www.aaki.ca



MOTOR SHAFT GROUNDING MODULE - STANDARD - *OVERVIEW & BENEFITS*

Aaki's Standard Motor Shaft Grounding Module offers superior quality in a simple, attractive, cost effective, robust design.

Solid Aluminum Bronze Construction

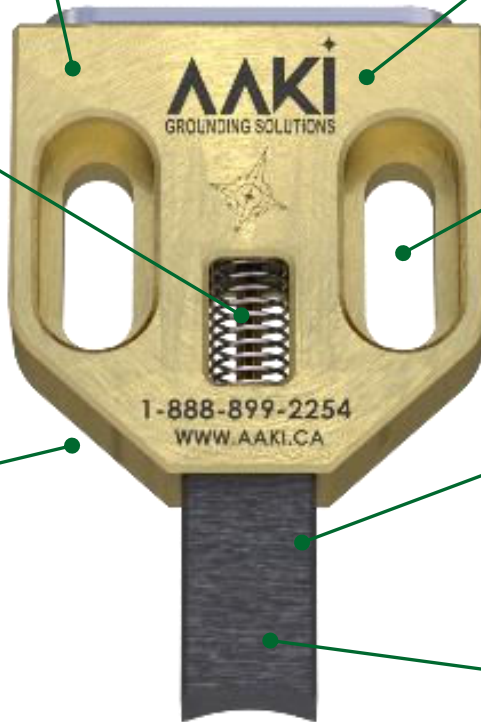
- Looks Great, Built to last

Custom Branding Options

- Reach your customers

Brush Life Window™ Technology

- See the remaining brush life *at a glance*
- Take the guesswork out of maintenance



Slotted Screw Holes

- Easy to mount and align
- Reduce install time

Low Profile / Compact

- Less than 3/8" thick
- Fits in the tightest spaces

High Copper Content Brush

Able to safely conduct large currents

Large Surface Area Brush

- Handles more, lasts longer

Designed with the installer in mind

- Easy to install and align
- Drill templates, spacers, extenders and FleXmount™ mounting methods available
- Quality look and feel
- Mini size available

Small on footprint

- 36mm wide
- 42mm tall
- 10mm thin

Big on Performance

- 70mm² brush surface area
- 70% Copper Content Brush
- Solid machined block
- Corrosion resistant housing

Aaki Corp.

Grounding Solutions

A Better Way