



## **Without proper precautions Variable Frequency Drives can destroy electric motor bearings.**

Today's three phase induction motors are often driven by Variable Frequency Drives (VFDs) to achieve speed control.

VFDs will generate voltages and currents in the shaft of the motor. These voltages often arc or discharge through the motor bearing 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 (MSGM) will reroute the damaging currents from the shaft to the motor housing through this device, bypassing 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 and Arms are available to make mounting to almost any motor quick consistent, professional, and cost effective.

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

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**Aaki Corp.**

Grounding Solutions

*A Better Way*

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

# MOTOR SHAFT GROUNDING MODULE - MINI -



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

## ***Solid Aluminum Bronze Construction***

- Looks Great, Built to last

## ***Brush Life Window™ Technology***

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

## ***Low Profile / Small Footprint***

- Less than 1/4" thick
- Fits in the tightest spaces
- Perfect for fractional HP motors

## ***Custom Branding Available***

- Add an important product to your lineup!
- Keep your company in the mind of the customer

## ***Slotted Screw Holes***

- Easy to mount and align
- Reduce install time

## ***High Copper Content Brush***

- Able to safely conduct large currents

## ***Large Surface Area Brush***

- Handles more, lasts longer

## ***Designed with the installer in mind***

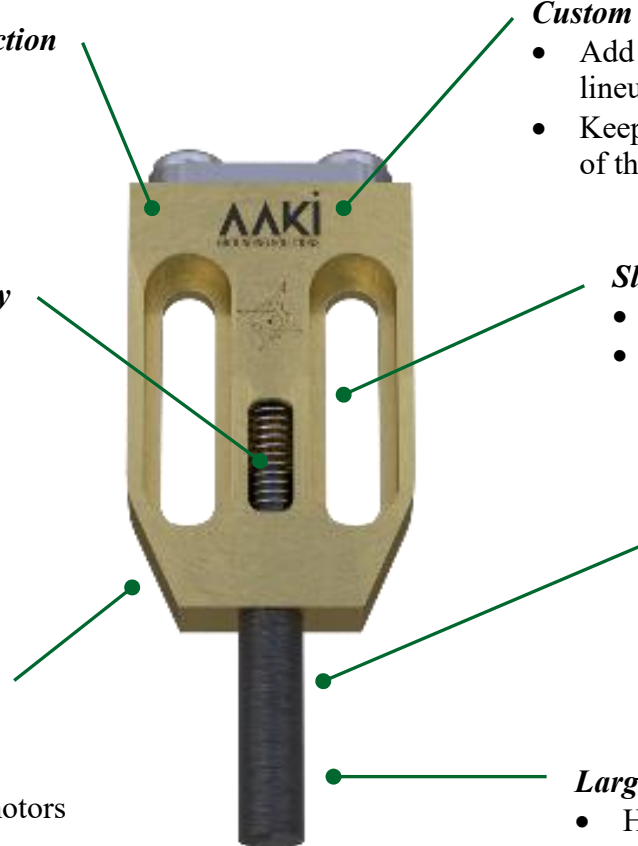
- Easy to install and align
- Drill templates, spacers extenders, and Flexmount™ mounting systems available
- Quality look and feel
- Larger, standard, size available

## ***Small on footprint***

- 19 mm wide
- 34 mm tall
- 5.5 mm thin
- Fits in the smallest places

## ***Big on Performance***

- 4.25 mm diameter Brush
- 70% Copper Content Brush



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