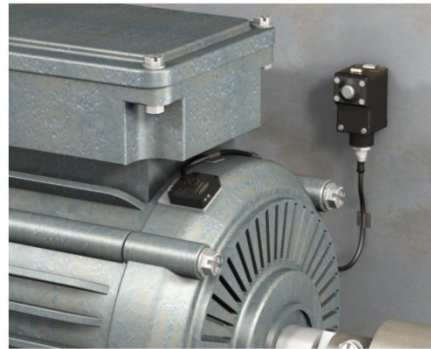


It is important to mount the vibration sensors on a motor correctly for the most accurate readings. There are some considerations when it comes to the installation of the sensor.

The vibration sensors have an X and Z axis indication on the face of the sensor. The Z axis goes in a plane through the sensor while the X is horizontal.

- Install the line corresponding to the X axis in line with the shaft of the motor or axially.
- Install the Z axis of the sensor to go into/through the motor.

Install the sensor as close to the bearing of the motor as possible. Using a cover shroud or location far from the bearing may result in reduced accuracy or ability to detect certain vibration characteristics.



The following mounting options are listed from least effective to most effective. In all mounting options, eliminate any sensor movement that could lead to inaccurate information or changes from the time-trended data.

Mounting Options	Bracket	Application Description
BWA-HW-057 Thermal Conductive Adhesive Tape (Ships with sensor)		Single use flexible mounting option, but can introduce flex that reduces accuracy.
BWA-BK-001 Flat magnet sensor bracket		Highly flexible and re-usable, flat magnetic mount for larger diameter surfaces or flat surface.
BWA-BK-008 Center mounting bracket with curved surface magnet attached to sensor bracket (includes BWK-BK-005)		Curved surface magnet mounts are best suited to smaller curved surfaces. Orient in the correct direction for the strongest mount. Offers flexibility for future sensor placement and provides sensor thermal isolation from surface temperature up to approximately 150 °F (65 °C) .
BWA-BK-005 Center mounting bracket – accepts any #4 or M6 flathead screw (Ships with sensor)		Flat bracket permanently epoxied to motor and sensor screwed to bracket (very effective) or flat bracket with direct screw mount to motor and sensor (most effective). Ensures best sensor accuracy and frequency response. Recommend epoxy designed for accelerometer mounting: Loctite Depend 330 and 7388 activator