

Technical Bulletin 525

Magnetic Coupling Installation and Removal

WARNING:

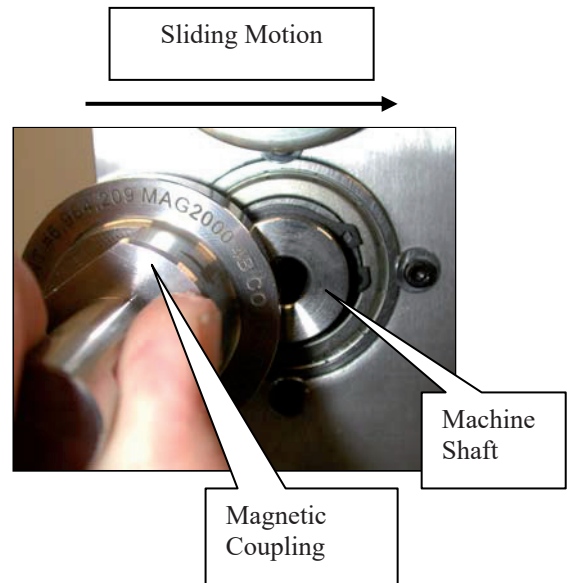
1. The Magnetic Coupling contains a powerful magnet with a very high pulling force.
2. DO NOT place anything between the magnet and metal; Personal injury may occur.
3. Impacts resulting from allowing a jarring contact to occur upon installation or removal of the Magnetic Coupling may cause damage to the coupling, shaft, and encoder.
4. The Magnetic Coupling is rated for 300 RPM maximum.

Installation:

1. It is recommended that you cover the end of the machine shaft with silicone grease before installing the Magnetic Coupling.
2. Gently mount the Magnetic Coupling onto the machine shaft by SLIDING the coupling onto the center of the machine shaft. For easier centering on a shaft, a pilot hole is located in the center of the coupling. Absolute center is not necessary.
3. Mount the encoder onto the shaft of the Magnetic Coupling and tighten the locking collar or set screws on the encoder.
4. Restrain the encoder housing from rotating with a proper method.

Removal:

1. Remove the anti-rotation restraint.
2. Loosen the locking collar or set screws on the encoder and remove it from the Magnetic Coupling shaft.
3. Gently SLIDE the Magnetic Coupling off of the machine shaft.



An adjustable wrench or end wrench can be used in the shaft notch to provide additional control for installation and removal