

Energy storage motor does not stop

What happens if a motor is not stored properly?

Improper motor storage will result in seriously reduced reliability and failure. An electric motor that does not experience regular usage while being exposed to normally humid atmospheric conditions is likely to develop rust in the bearings or rust particles from surrounding surfaces may contaminate the bearings.

What causes a motor to stop working?

Common causes include incorrect voltage supply, short circuits, or too much load on the motor. If you detect an electrical overload, immediately shut down the motor to prevent further damage. Check the power supply and load to ensure they are within the motor's specifications.

How do you store a vertical motor?

Place the shell over the motor and secure with lag bolts. Where motors are mounted to machinery, the mounting must be such that the drains and breathers are fully operable and are at the lowest point of the motor. Vertical motors must be stored in the vertical position. Storage environment must be maintained as stated in step 2.

Where should a motor be stored?

The motors must be stored so that the drain is at the lowest point. All breathers and automatic "T" drains must be operable to allow breathing and draining at points other than through the bearings around the shaft. Vertical motors should be stored in a safe stable vertical position.

How do you store a motor in a crate?

A wooden crate "shell" should be constructed to secure the motor during storage. This is similar to an export box but the sides & top must be secured to the wooden base with lag bolts (not nailed as export boxes are) to allow opening and reclosing many times without damage to the "shell".

What are the storage requirements for motors & generators?

Storage requirements for motors and generators that will not be placed in service for at least six months from date of shipment. Improper motor storage will result in seriously reduced reliability and failure.

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