

How to read energy storage motor in english

How do you determine the efficiency of a motor?

They are tested in conformance with IEC 60034-1 Standard and their efficiency is indicated on the motor nameplate. The efficiency is determined by the test method B of the IEEE STD 112. Efficiency values are obtained through the loss separation method in accordance with IEC 60034-1.

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 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 happens if a motor does not reach 90% rated speed?

) If the motor does not reach at least 90% of its rated speed at the time of switching from Star to Delta the current peak will be as high as in a D.O.L. start, thus causing harmful effects to the contacts of the contactors and the connection system brings no advantage to the electrical system.



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