SECTION 26 05 90: MOTORS

1. GENERAL
   A. ¾ hp and larger: three-phase required
   B. Smaller than ¾ hp: single phase permitted
   C. 25 hp and above: reduced voltage starter or VFD
   D. Use premium-efficiency type, rated to earn the highest rebate available under utility company rebate program
   E. Use a VFD where a multi-speed motor is required
   F. Motors connected to variable frequency drives (VFDs) to be inverter duty rated, premium-efficiency type, and compatible with the VFD. Additionally, incorporate a design to prevent arcing through the motor bearings, such as: insulated bearings or grounded motor shafts.
   G. Motors to be rated for the environment in which installed

2. BEARINGS
   A. Anti-friction ball bearings rated for minimum ABMA 9, L-10 life of 200,000 hours
   B. Provide grease lubricated bearings with housings equipped with plugged provision for re-lubrication