

Coded Note Number: **Y2160**
Revision: **C006**
Date: **November 1, 2015**
Title: **ELECTRICAL MOTOR/CONTROLLER DATA**

This revision history is provided for convenience and does not alleviate the supplier's responsibility with understanding and complying with the full coded note. Change from Revision C005. Reformatted Note. Bolded font indicates changed/added content. [Text deleted] inserted in the document indicates the removal of content.

Forward deliverables herein to:

NEWPORT NEWS SHIPBUILDING
4101 Washington Avenue
Newport News, VA 23607
ATTN: E45 SOFTWARE COORDINATOR
BLDG. 902-2

Electrical characteristic and performance data for motors/controllers:

The following data, as applicable, shall be provided for motor(s) and/or controller(s) that form part of a parent assembly being procured by this purchase order. List data for each type motor/controller separately. Note: if this information is contained in other supplied software (i.e. equipment drawings or technical manuals), then this requirement does not apply.

For Motors and Controllers:

1. Component Name (Motor or Controller).
2. Manufacturer (Prime Manufacturer's Name).
3. Component Master Drawing Number.
4. Certification Data Sheet (Dwg) Number.
5. Manufacturer's Model/Part Number.
6. Procurement Specification (Mil, Fed, Ind)
7. Type (A.C. Induction, Synchronous, Squirrel Cage, Etc.; Auto Transformer, Across the Line Etc.).
8. Duty (Continuous, Intermittent-Time Period, Etc.).
9. Rating (Horsepower, Volts, Amps, Phase, Etc.; Name Plate Values).
10. Enclosure (NEMA Designation).
11. Ambient Degree C (Maximum).
12. Weight (Actual Weight-Pounds).
13. Parent Assembly's NNS Part No. (Per Purchase Order Item).

For Motors Only:

1. Hertz (Frequency of A.C. Source).
2. Design (NEMA Torque/Speed Designation).
3. Service (Navy Designation A or C).
4. Full Load Kilowatts (Full Load Power- Motor Only).
5. Motor Frame (NEMA Designation).
6. Auxiliary (Manufacturer & Drawing No.).
7. Insulation (NEMA Class Designation).
8. Torque-Starting (% of Full Load Torque).
 - Full Load.
9. Amperes-Starting (Locked Rotor):
 - Full Load (Motor Only):
10. Power Factor:
 - F.L.:
 - 3/4:
 - 1/2:
 - Locked:
11. Efficiency:

For Controllers Only:

1. Size (NEMA Designation).
2. Operation (Auto, Non-Auto, Etc.).
3. Function (Example: Starting).
4. Low Voltage Feature (LVP, LVR, Etc.).
5. Overload Relay: Heater Catalog Number
 - Type (Thermal or Induction).
 - Emergency Run (Yes or No).

This data shall be sent to Newport News Shipbuilding prior to shipment of equipment.