

Coded Note Number: **Y2160**  
Revision: **C005**  
Date: **December 19, 2012**  
Title: **ELECTRICAL MOTOR/CONTROLLER DATA**

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.