

Y2160  
Revision Level C004  
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ELECTRICAL MOTOR/CONTROLLER DATA

FORWARD DELIVERABLES HEREIN TO:

NEWPORT NEWS SHIPBUILDING  
4101 WASHINGTON AVENUE  
NEWPORT NEWS, VA 23607  
ATTN: E45 SOFTWARE COORDINATOR  
BLDG. 600-1

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.