

Y2160
Revision Level C002
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ELECTRICAL MOTOR/CONTROLLER DATA

FORWARD DELIVERABLES HEREIN TO:
NORTHROP GRUMMAN NEWPORT NEWS
4101 WASHINGTON AVENUE
NEWPORT NEWS, VA 23607
ATTN: E45 SOFTWARE COORDINATOR
BLDG. 635-6

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.