

Product Information Packet

November 7, 2016

Data shown is for the current revision model #. Ensure your nameplate model # matches.

| | |
|----------------------------|------------------------|
| Model Number: | 5CD154SA045B001 |
| Catalog Number: | D684 |
| Instruction Manual: | GEH-3967N |
| Connection Diagram: | 36A167760CB501 |
| Outline Drawing: | 36A167942AA002 |

| Accessory Connection Diagrams | | | |
|--------------------------------------|------|------------------------------|------|
| Bearing Thermocouple: | None | Heater: | None |
| RTD: | None | Thermistor: | None |
| Thermostat: | None | Winding Thermocouple: | None |
| Bearing RTD: | None | | |

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Marks:

| | | | |
|----------------------------|----------------------------|-----------------------------|----------------|
| MODEL NUMBER: | 5CD154SA045B001 | Enclosure Mtg Assem: | 36A167772AD401 |
| Outline Drawing: | 36A167942AA002 | Instruction Book: | GEH-3967N |
| Connection Diagram: | 36A167760CB501 | RPM: | 1750/2300 |
| Horsepower: | 5 | Armature Amps: | 17.2 |
| Armature Volts: | 240 | Type: | CD2110AT |
| Wound: | SHUNT | Power Supply Code: | D |
| Enclosure: | TENV | Insulation Class: | F |
| Duty: | CONT | Ambient Max (°C): | 40 C |
| Rating Code: | 154S1340-00 | Field Volts: | 240/120 |
| K(V): | 1.23 Cemf volts/Radian/Sec | WK2: | 1.71Lb Ft2 |
| K(T): | .87 Ft/Amp | Year of Manufacture: | 2016 |
| Minimum Ambient: | 0 C | Max Altitude: | 3300 Ft |

Resistances at 25 Degrees C :

| | |
|--------------------------|------------|
| Shunt Field: | 181 OHMS |
| Armature: | .4795 OHMS |
| Commutator Field: | .1579 OHMS |

Inductances:

| | |
|--------------------------------|---------------------------|
| Armature Circuit Total: | 8.710 mH Saturated |
| Shunt Field: | 104.0 Henries Unsaturated |

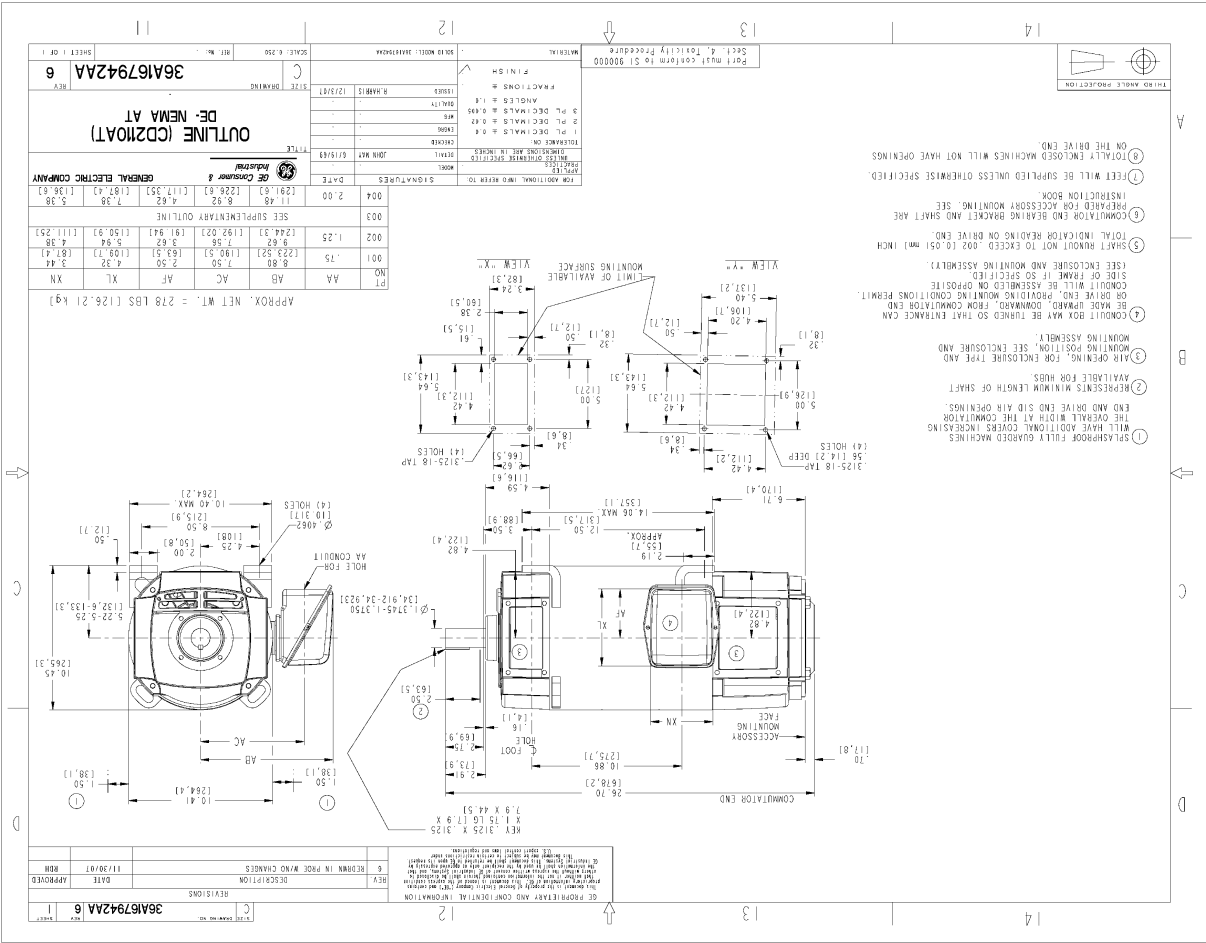
Shunt Field Data:

Shunt Field Current(1): .95 AMPS at Rated Load and 1750 RPM
 Shunt Field Current(2): .82 AMPS at Rated Load and 1933 RPM
 Shunt Field Current(3): .65 AMPS at Rated Load and 2300 RPM

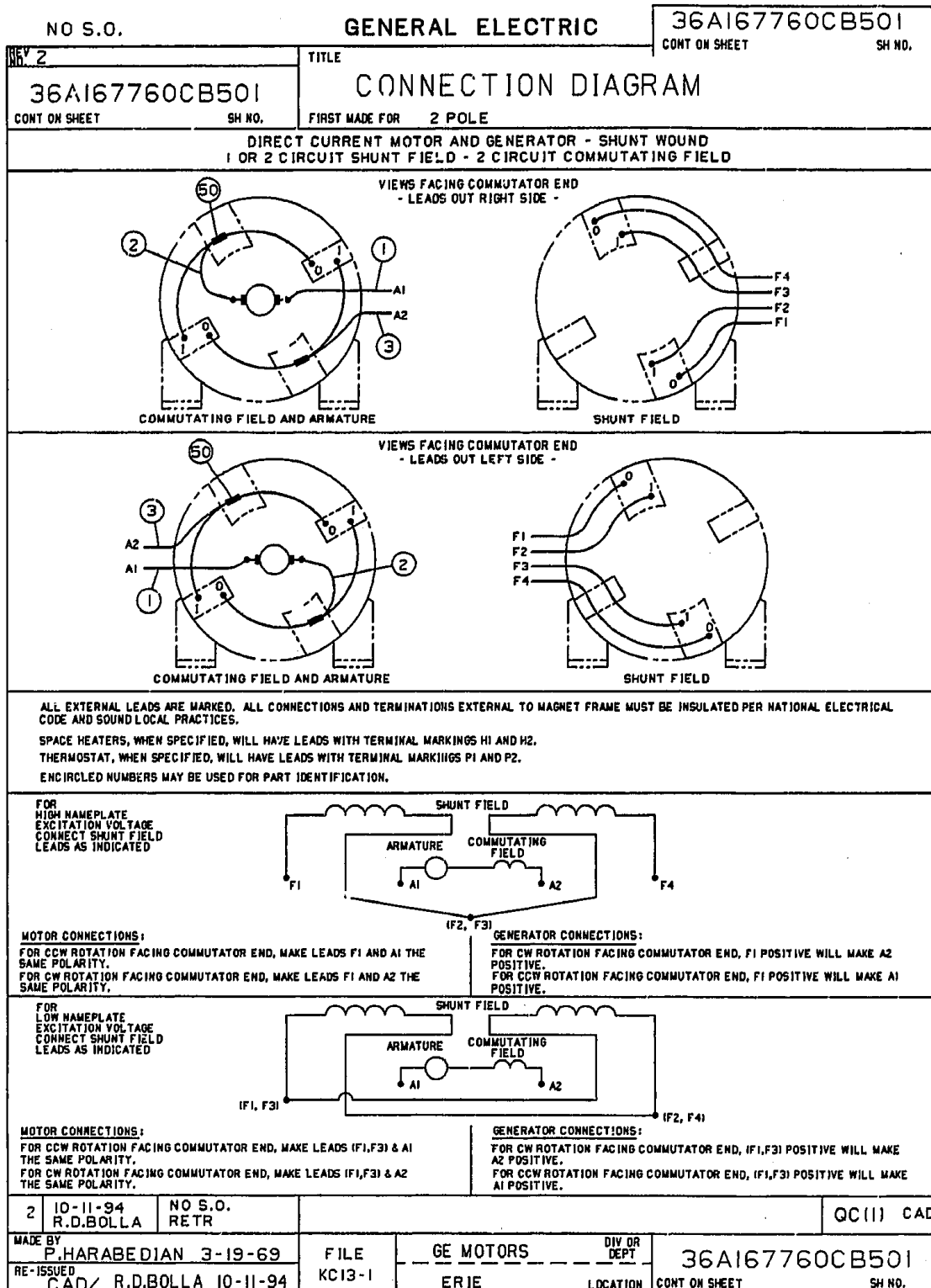
Additional Machine Notes:

TOTALLY ENCLOSED NON VENTILATED - BALL BEARINGS
 CONDUIT BOX ON RIGHT HAND SIDE FACING COMMUTATOR END
 STANDARD SHAFT DRIVE END ONLY - WITH FEET
 WITH:
 CSA STAMP
 THERMOSTAT- NORMALLY CLOSED, AC RATING- 600V MAX-
 .5A, 250V-1.5A, OR 125V-3A, DC RATING- 30V MAX-
 1.5A. MAXIMUM CURRENT BASED ON INDUCTIVE LOADS UP
 TO AND INCLUDING NEMA NO.5 CONTACTOR.

Marks:



Marks:



DC2-281 (2-15-67)

C5X.A.36A167760CB501R02

