# **Product Information Packet**

November 7, 2016

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

Model Number: 5CD154ZC801B803

Catalog Number: D584

**Instruction Manual:** GEH-3967N

Connection Diagram: 36A167760AB501

Outline Drawing: 36B467442DA002

## **Accessory Connection Diagrams**

Bearing Thermocouple:NoneHeater:NoneRTD:NoneThermistor:NoneThermostat:NoneWinding Thermocouple:NoneBearing RTD:None

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#### Marks:

 MODEL NUMBER:
 5CD154ZC801B803

 Outline Drawing:
 36B467442DA002

 Connection Diagram:
 36A167760AB501

Horsepower: 5
Armature Volts: 180
Wound: SHUNT
Enclosure: TENV
Duty: CONT

**Rating Code:** 154Z1340-00

K(V): .912 Cemf volts/Radian/Sec

**K(T):** .644 Ft/Amp

Minimum Ambient: 0 C

Resistances at 25 Degrees C:

Shunt Field: 184 OHMS
Armature: .247 OHMS
Commutator Field: .105 OHMS

 Enclosure Mtg Assem:
 36A167772ED401

 Instruction Book:
 GEH-3967N

 RPM:
 1750/2050

Armature Amps: 23.4

Type: CD2110ACY

Power Supply Code: K
Insulation Class: F
Ambient Max (°C): 40 C
Field Volts: 200

WK2: 1.71Lb Ft2
Year of Manufacture: 2016
Max Altitude: 3300 Ft

**Inductances:** 

Armature Circuit Total: 5.76 mH Saturated

Shunt Field: 105 Henries Unsaturated

### **Shunt Field Data:**

Shunt Field Current(1): .813 AMPS at Rated Load and 1750 RPM Shunt Field Current(2): .77 AMPS at Rated Load and 1850 RPM Shunt Field Current(3): .74 AMPS at Rated Load and 2050 RPM

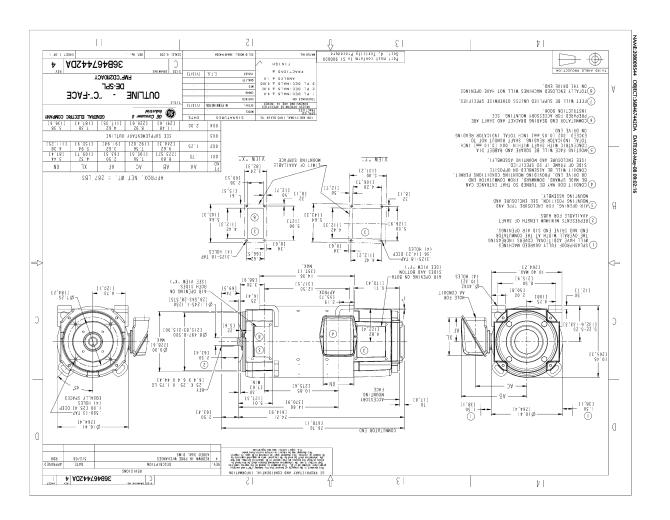
#### **Additional Machine Notes:**

TOTALLY ENCLOSED NON VENTILATED - BALL BEARINGS CONDUIT BOX ON RIGHT HAND SIDE FACING COMMUTATOR END SPECIAL 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.





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