Product Information Packet

November 7, 2016

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

Model Number: 5CD145WC006B021

Catalog Number: D420

Instruction Manual: GEH-3967N

Connection Diagram: 36A167960CA501

Outline Drawing: 36B467421FA004

Accessory Connection Diagrams

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

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Marks:

 MODEL NUMBER:
 5CD145WC006B021

 Outline Drawing:
 36B467421FA004

 Connection Diagram:
 36A167960CA501

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

Rating Code: 145W1360-07

K(V): .92 Cemf volts/Radian/Sec

K(T): .64 Ft/Amp

Minimum Ambient: 0 C

Resistances at 25 Degrees C:

Shunt Field: 145 OHMS
Armature: .2220 OHMS
Commutator Field: .1265 OHMS

Instruction Book: 36A167772GD201
RPM: 36A167772GD201
GEH-3967N
1750/2050

November 7, 2016

Armature Amps: 23.3

Type: CD189ATC

Power Supply Code:
Insulation Class:
Ambient Max (°C):
Field Volts:
WK2:
Year of Manufacture:
Max Altitude:

F 40 C
200/100
.77Lb Ft2
2016
3300 Ft

Inductances:

Armature Circuit Total: 10.490 mH Saturated
Shunt Field: 99.0 Henries Unsaturated

Shunt Field Data:

Shunt Field Current(1): 1 AMPS at Rated Load and 1750 RPM Shunt Field Current(2): .9 AMPS at Rated Load and 1850 RPM Shunt Field Current(3): .74 AMPS at Rated Load and 2050 RPM

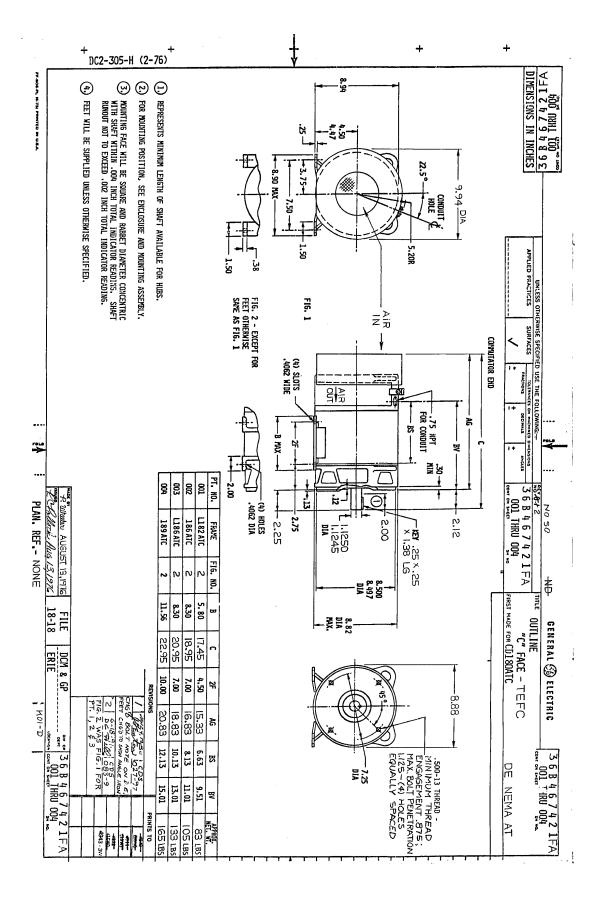
Additional Machine Notes:

TOTALLY ENCLOSED FAN COOLED - BALL BEARINGS STANDARD SHAFT DRIVE END ONLY - WITH FEET WITH:

CSA STAMP

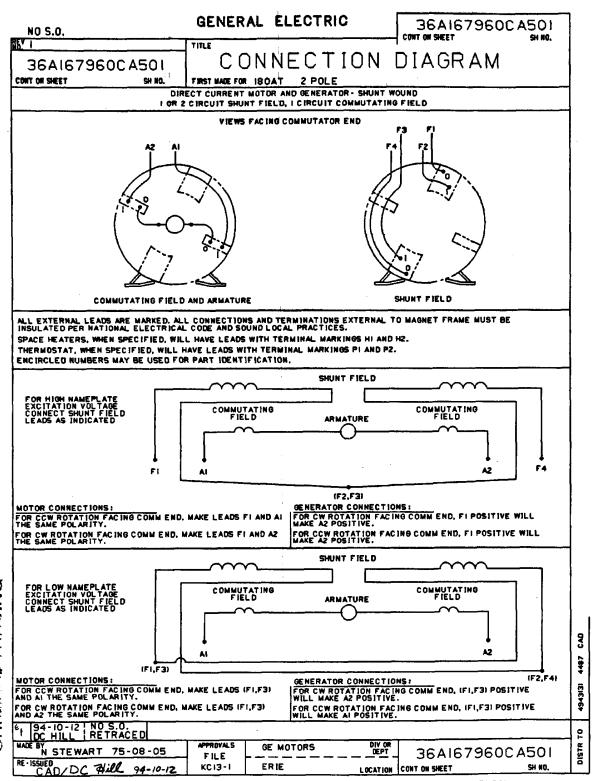
THERMOSTAT- NORMALLY CLOSED, AC RATING- 600V MAX-.5A, 250V-1.5A, OR 125V-3A, DC RATING- 30V MAX-1.5A.MAXIMUM CURRENT BASED ON INDUCTIVE LOADS UP TO AND INCLUDING NEMA NO.5 CONTACTOR.







Model Number: 5CD145WC006B021



C5X,A.36A167960CA501R01

