

# Product Information Packet

November 7, 2016

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

<b>Model Number:</b>	<b>5CD154JA015B024</b>
<b>Catalog Number:</b>	<b>D685</b>
<b>Instruction Manual:</b>	GEH-3967N
<b>Connection Diagram:</b>	36A167760CA501
<b>Outline Drawing:</b>	36A167942AA002

<b>Accessory Connection Diagrams</b>			
<b>Bearing Thermocouple:</b>	None	<b>Heater:</b>	None
<b>RTD:</b>	None	<b>Thermistor:</b>	None
<b>Thermostat:</b>	None	<b>Winding Thermocouple:</b>	None
<b>Bearing RTD:</b>	None		

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**Marks:**

<b>MODEL NUMBER:</b>	5CD154JA015B024	<b>Enclosure Mtg Assem:</b>	36A167772AD401
<b>Outline Drawing:</b>	36A167942AA002	<b>Instruction Book:</b>	GEH-3967N
<b>Connection Diagram:</b>	36A167760CA501	<b>RPM:</b>	1750/2300
<b>Horsepower:</b>	5	<b>Armature Amps:</b>	8.2
<b>Armature Volts:</b>	500	<b>Type:</b>	CD2110AT
<b>Wound:</b>	SHUNT	<b>Power Supply Code:</b>	D
<b>Enclosure:</b>	TENV	<b>Insulation Class:</b>	F
<b>Duty:</b>	CONT	<b>Ambient Max (°C):</b>	40 C
<b>Rating Code:</b>	154J1330-01	<b>Field Volts:</b>	300/150
<b>K(V):</b>	2.55 Cemf volts/Radian/Sec	<b>WK2:</b>	1.71Lb Ft2
<b>K(T):</b>	1.83 Ft/Amp	<b>Year of Manufacture:</b>	2016
<b>Minimum Ambient:</b>	0 C	<b>Max Altitude:</b>	3300 Ft

**Resistances at 25 Degrees C :**

<b>Shunt Field:</b>	284 OHMS
<b>Armature:</b>	2.0963 OHMS
<b>Commutator Field:</b>	.7648 OHMS

**Inductances:**

<b>Armature Circuit Total:</b>	41.560 mH Saturated
<b>Shunt Field:</b>	162.0 Henries Unsaturated

**Shunt Field Data:**

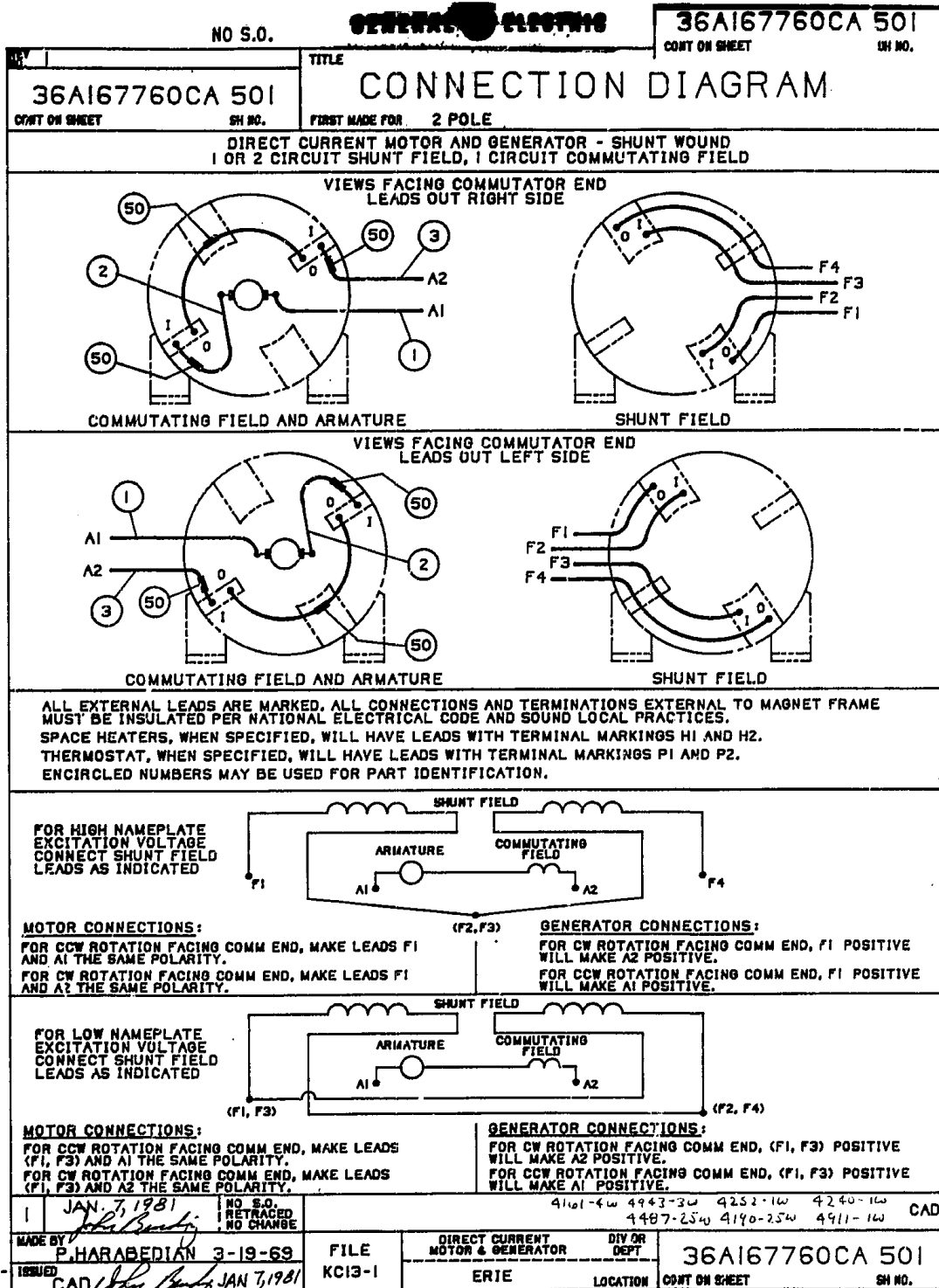
Shunt Field Current(1): .76 AMPS at Rated Load and 1750 RPM  
 Shunt Field Current(2): .66 AMPS at Rated Load and 1933 RPM  
 Shunt Field Current(3): .52 AMPS at Rated Load and 2300 RPM

**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:



DGRM 36A167760CA501R01  
PLT .64 SCL