

Product Information Packet

November 7, 2016

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

Model Number:	5CD183MA033B020
Catalog Number:	D650
Instruction Manual:	GEH-3967N
Connection Diagram:	36A167760CA501
Outline Drawing:	36A167935AA001

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:	5CD183MA033B020	Enclosure Mtg Assem:	36A167770AC001
Outline Drawing:	36A167935AA001	Instruction Book:	GEH-3967N
Connection Diagram:	36A167760CA501	RPM:	1150/2000
Horsepower:	20	Armature Amps:	33.9
Armature Volts:	500	Type:	CD327AT
Wound:	SHUNT	Power Supply Code:	D
Enclosure:	DPFG-BV	Insulation Class:	F
Duty:	CONT	Ambient Max (°C):	40 C
Rating Code:	183M1340-00	Field Volts:	300/150
K(V):	3.70 Cemf volts/Radian/Sec	WK2:	8.45Lb Ft2
K(T):	2.69 Ft/Amp	Year of Manufacture:	2016
Minimum Ambient:	0 C	Max Altitude:	3300 Ft

Resistances at 25 Degrees C :

Shunt Field:	108.0 OHMS
Armature:	.728 OHMS
Commutator Field:	.2034 OHMS

Inductances:

Armature Circuit Total:	22.920 mH Saturated
Shunt Field:	116.0 Henries Unsaturated

Shunt Field Data:

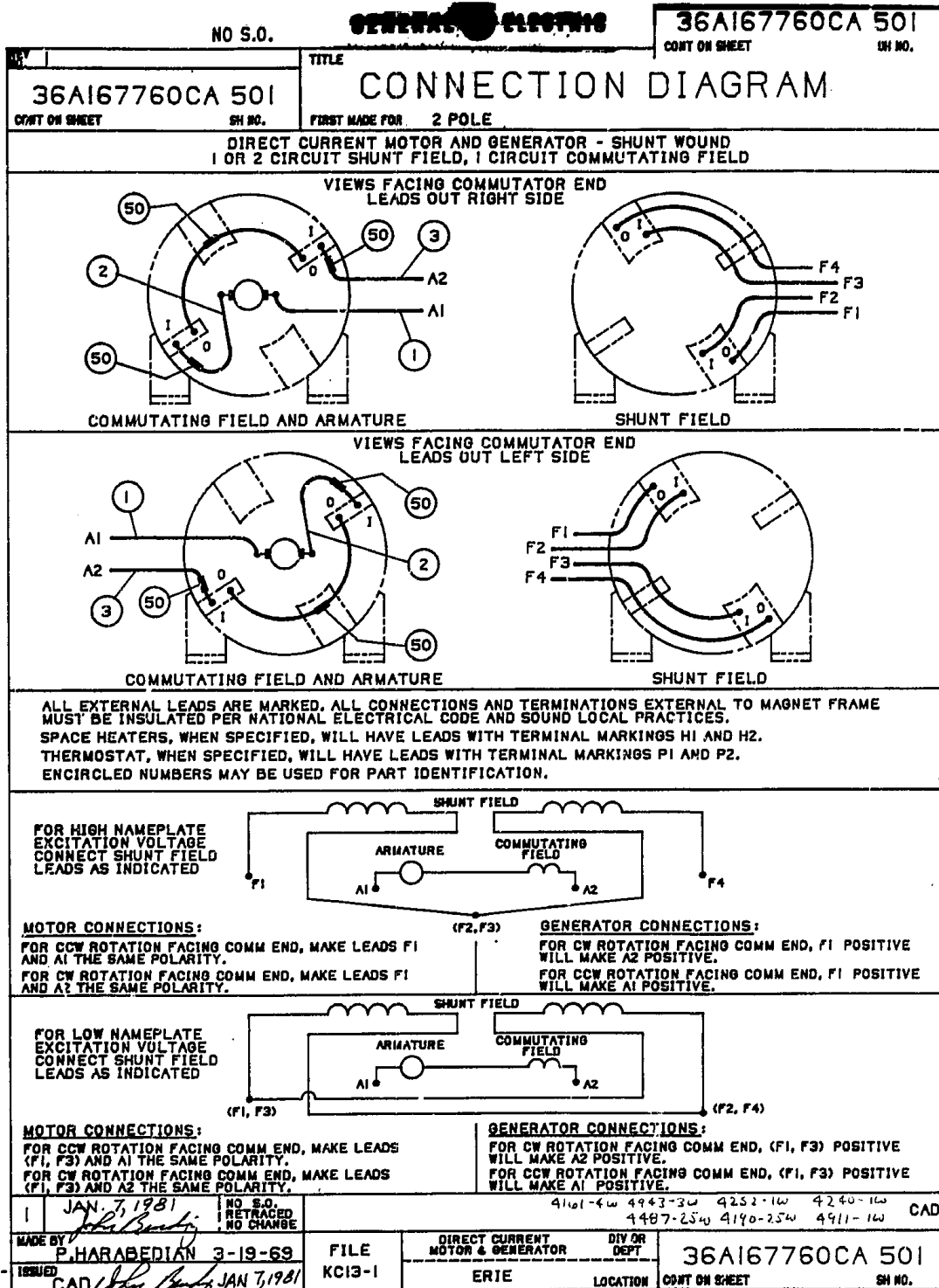
Shunt Field Current(1): 1.98 AMPS at Rated Load and 1150 RPM
Shunt Field Current(2): 1.45 AMPS at Rated Load and 1433 RPM
Shunt Field Current(3): .94 AMPS at Rated Load and 2000 RPM

Additional Machine Notes:

DRIPPROOF FULLY GUARDED, BLOWER 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:



DORM. 36A167760CA501R01
PLT. 64 SCL