

Product Information Packet

November 7, 2016

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

Model Number:	5CD173NA010A114
Catalog Number:	D442
Instruction Manual:	GEH-3967N
Connection Diagram:	36A167760CA501
Outline Drawing:	36A167934AA001

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:	5CD173NA010A114	Enclosure Mtg Assem:	36A167770AA001
Outline Drawing:	36A167934AA001	Instruction Book:	GEH-3967N
Connection Diagram:	36A167760CA501	RPM:	1750/2300
Horsepower:	25	Armature Amps:	42.7
Armature Volts:	500	Type:	CD287AT
Wound:	SHUNT	Power Supply Code:	D
Enclosure:	DPFG	Insulation Class:	F
Duty:	CONT	Ambient Max (°C):	40 C
Rating Code:	173N1340-00	Field Volts:	300/150
K(V):	2.43 Cemf volts/Radian/Sec	WK2:	4.67Lb Ft2
K(T):	1.76 Ft/Amp	Year of Manufacture:	2016
Minimum Ambient:	0 C	Max Altitude:	3300 Ft

Resistances at 25 Degrees C :

Shunt Field:	122.0 OHMS
Armature:	.7325 OHMS
Commutator Field:	.1933 OHMS

Inductances:

Armature Circuit Total:	15.210 mH Saturated
Shunt Field:	102.0 Henries Unsaturated

Shunt Field Data:

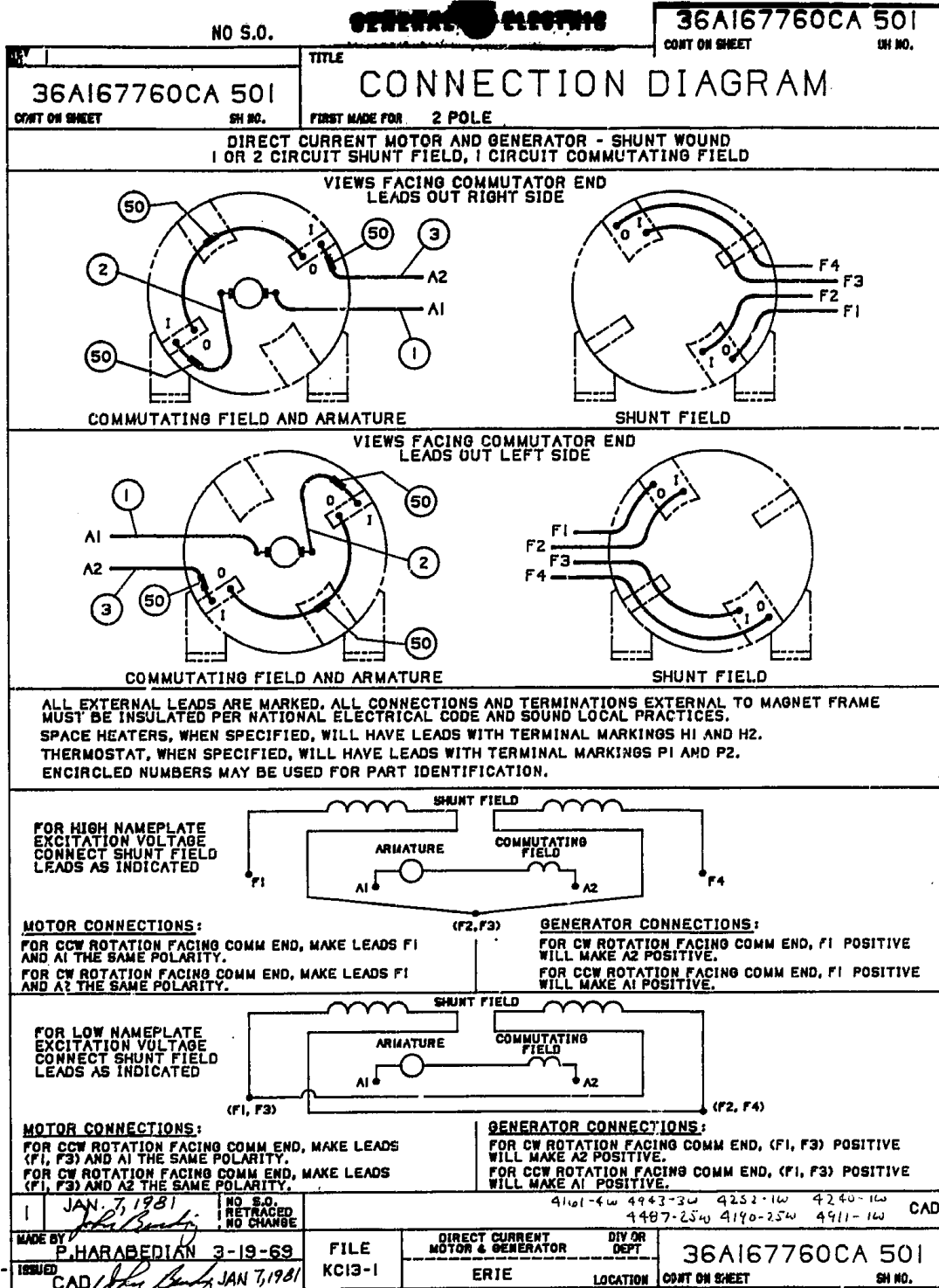
Shunt Field Current(1): 1.76 AMPS at Rated Load and 1750 RPM
 Shunt Field Current(2): 1.52 AMPS at Rated Load and 1933 RPM
 Shunt Field Current(3): 1.2 AMPS at Rated Load and 2300 RPM

Additional Machine Notes:

DRIPPROOF FULLY GUARDED - 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:



DC2-281 (2-15-67)

DGRM 36A167760CA501R01
PLT .64 SCL