

# Product Information Packet

November 7, 2016

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

<b>Model Number:</b>	<b>5CD222YA001B096</b>
<b>Catalog Number:</b>	<b>D664</b>
<b>Instruction Manual:</b>	GEH-3967
<b>Connection Diagram:</b>	36A167910FA502
<b>Outline Drawing:</b>	36A167929AA002

Accessory Connection Diagrams			
<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>	<b>5CD222YA001B096</b>	<b>Enclosure Mtg Assem:</b>	36A167775BC001
<b>Outline Drawing:</b>	36A167929AA002	<b>Instruction Book:</b>	GEH-3967
<b>Connection Diagram:</b>	36A167910FA502	<b>RPM:</b>	1750/1900
<b>Horsepower:</b>	250	<b>Armature Amps:</b>	400
<b>Armature Volts:</b>	500	<b>Type:</b>	CD504AT
<b>Wound:</b>	SHUNT	<b>Power Supply Code:</b>	C
<b>Enclosure:</b>	DPFG-BV	<b>Insulation Class:</b>	F
<b>Duty:</b>	CONT	<b>Ambient Max (°C):</b>	40 C
<b>Rating Code:</b>	222Y1140-00	<b>Field Volts:</b>	300/150
<b>K(V):</b>	2.62 Cemf volts/Radian/Sec	<b>WK2:</b>	79.00Lb Ft <sup>2</sup>
<b>K(T):</b>	1.88 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>	53.3 OHMS
<b>Armature:</b>	.0283 OHMS
<b>Commutator Field:</b>	.0075 OHMS

Inductances:

<b>Armature Circuit Total:</b>	1.230 mH Saturated
<b>Shunt Field:</b>	53.0 Henries Unsaturated

Shunt Field Data:

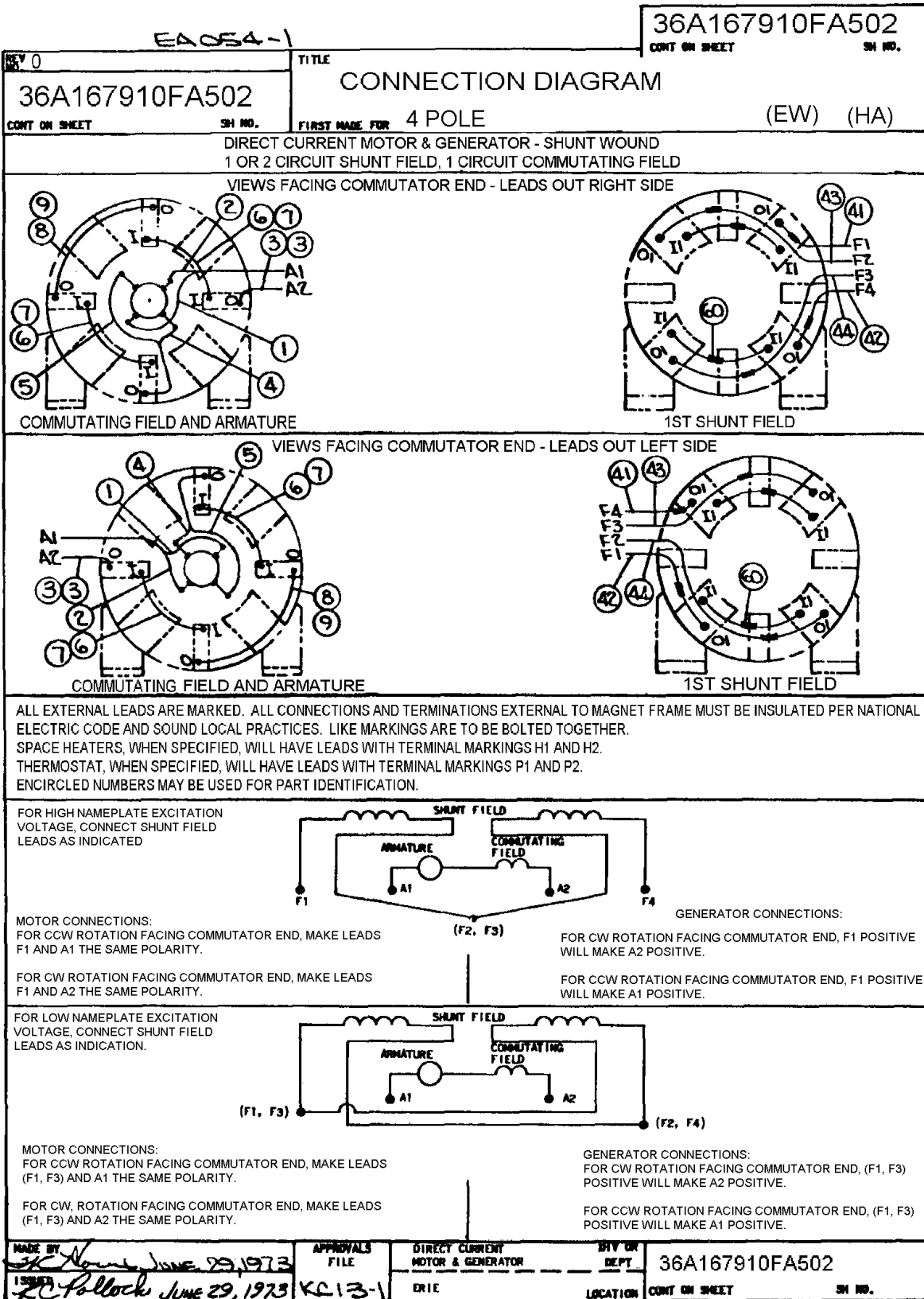
Shunt Field Current(1): 4.4 AMPS at Rated Load and 1750 RPM  
 Shunt Field Current(2): 4.21 AMPS at Rated Load and 1800 RPM  
 Shunt Field Current(3): 3.87 AMPS at Rated Load and 1900 RPM

Additional Machine Notes:

DRIPPROOF FULLY GUARDED, BLOWER VENTILATED - BALL BEARINGS  
 CONDUIT BOX ON LEFT 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:



DC 2-281 (2-15-67)