Job Information

Job #:	136435			Date:	June 15, 2018
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	CHEMOURS	Motor#:	

Name Plate Information

Manufacturer:	US NIDEC	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	150
Serial#:	YO47671312	Model#:	DN11	Service Factor:	1.15
Frame:	444TP	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	164	Cycles:	60
Special design:	No				

AC Electrical Inspection

Megs after rewind:	Good	Surge after rewind:	Good	Hi-pot after rewind:	Good
Core loss:	Good	Thermistors:	None	Thermostat:	None
RTD:	None	ohms at		degrees C	
Motor Heater(s) Present:	Yes	Qty:	Voltage:	Wattage:	

AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	85.49	460	1.46	0

Conclusion

Service Tech name: Josh

Service Tech signature:

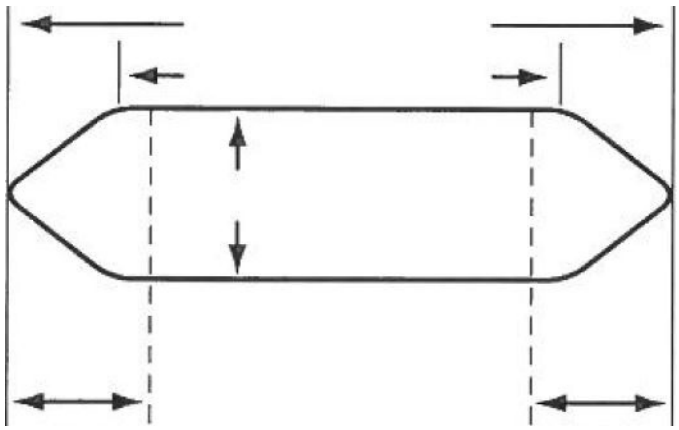
Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw:	150	RPM:	1780			Manufacturer:	US NIDEC
Slots:	72	Poles:	4	Type:		Volts:	460
Coils:				Model:	DN11	Amps:	164
Grouping	12 Of 6 Of			Serial#:	YO47671312	Phase:	3
				Lead marking:		123 789 Hertz:	
Turns/Coil:		10		Lead length:	2	C Rise:	Frame: 444TP
Wire Size	17	16		Lead size:	4	Duty:	C AMB:
Wire Mult.	6	2		Num.Leads:	123789	Eff.:	Ins.Cls.:
Pitch 1 to:		16		☑ DP	☐ TEFC	☐ XPRF	☐ TENV S.F.:
Connection:		4D	PWS				
Jumper:							
Core length:		14.125					
Core ID:		11					
Back iron:		1.250					
Slot depth:		1.564					
Slot/tooth w:		0.250					
Wire weight:		190					
Slot:	174						
Tip:	2.2						
Pitch:	8.6						

COIL



Connection End
(Facing Terminal Box)

☐ Left ☐ Right

EASA
The Electro•Mechanical Authority

WEST TENNESSEE
7030 Ryburn Drive
Millington, TN 38053
Phone 901-873-5300
Fax 901-873-5301

CENTRAL ARKANSAS
6812 Lindsey Rd.
Little Rock, AR 72206
Phone 501-375-9178
Fax 501-375-4254

Single Phase

Split Phase ☐

Capacitor: ☐ Start ☐ Start & Run ☐ Perm. Split

Hp/kw: 150 RPM: 1780 Manufacturer: US NIDEC

	Run	Start
No. Slots		
No. Poles		
Coils/pole		
Dwg No.		
Wire Size		
Wires in par.		
No. Circuits		
Coil Ext.		
Stator Bore		

Type: Volts: 460

Model: DN11 Amps: 164

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#: YO47671312

Duty: — ☐ BB ☐ SB

Open: —

Sta.length: Sta.b.i.:

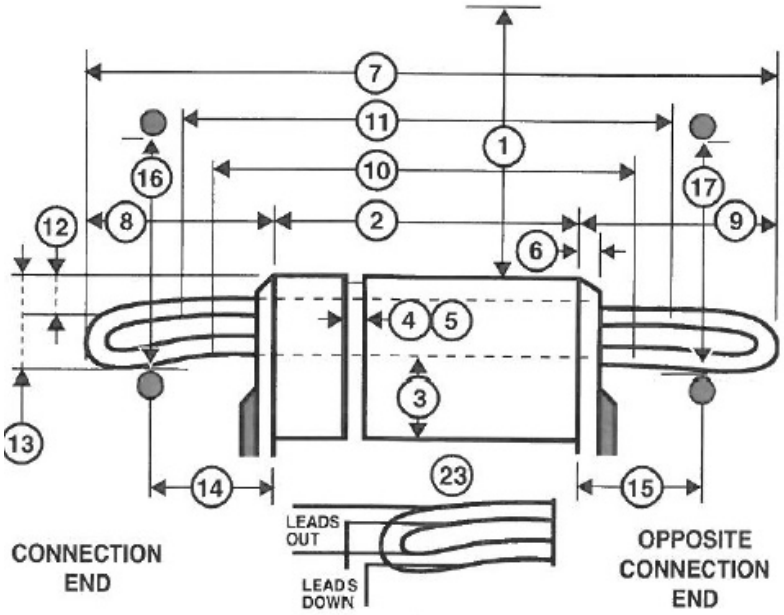
Running	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Slot No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

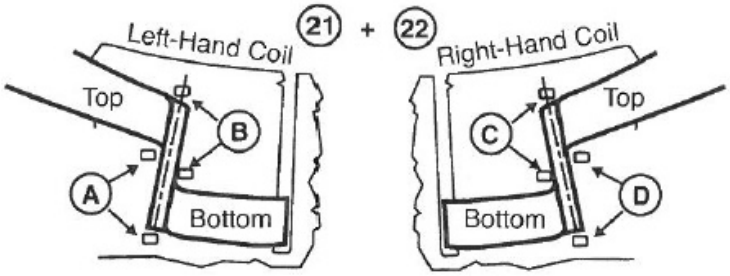
Customer: CHEMOURS

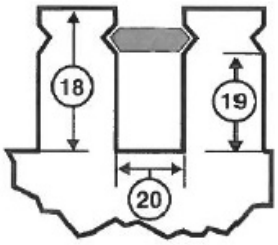
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

AC Stator Form Coil Data

1. Core bore diameter
2. Total core length
3. Back iron
4. No. of vents
5. Width of vents
6. Finger plate width
7. Overall coil length
8. Connnection end extension
9. Opposite Conn. End Ext.
10. Straight length bottom side
11. Straight length top side
12. Small knuckle drop. CE OCE
13. Large knuckle drop. CE OCE
14. Conn. Support Ring from core
15. Opp. Conn. Supp. Ring from core
16. Connection support ring ID
17. Opp. Conn. Supp. Ring ID
18. Total slot depth
19. Slot depth under wedge
20. Slot width







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AC Stator Form Coil Data (Continued)

21. Lead location ☐ A ☐ B ☐ C ☐ D

22. Coil type ☐ Left hand ☐ Right hand

23. Coil leads Long# LG

Short# LG

☐ Out ☐ Down

24. Jumper —

25. Connection —

26. No. of circuits

27. No. of slots

28. Coil throw 1-

29. Turns per coil

30. Total wires in parallel

31. Bare wire sizes ( ) x

( ) x

32. Strand insulation

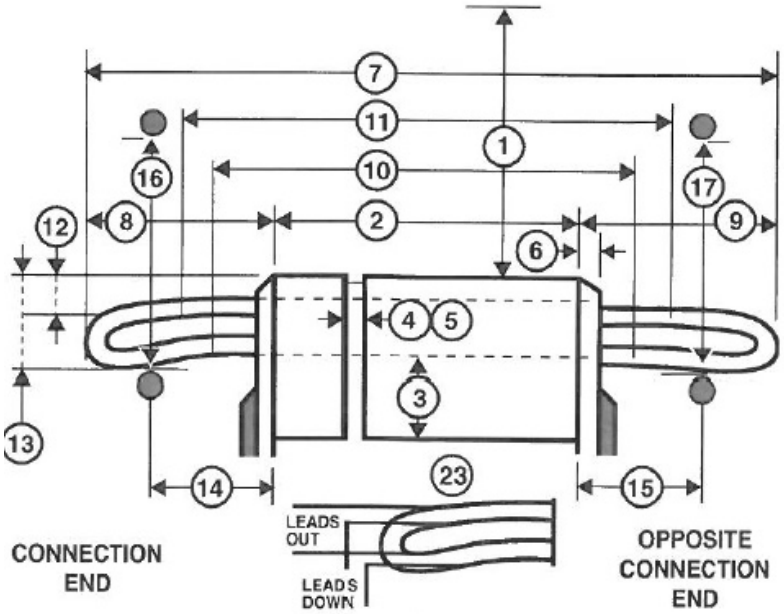
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

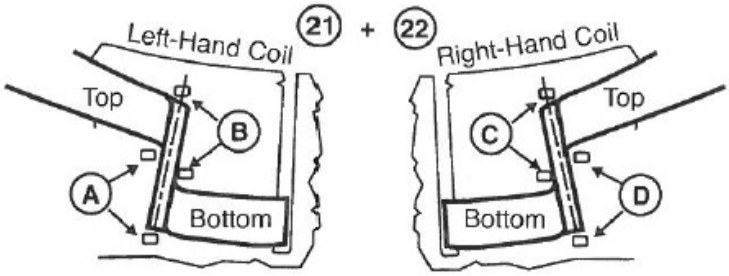
33. Coil weight Lbs.

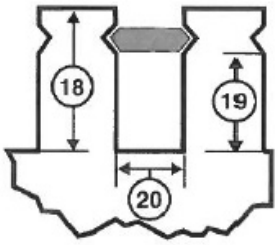
34. Groups of Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in







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AC Stator Form Coil Data (Continued)

Special Features	Yes	No
Data change	☐	☐
Coil support ring steel	☐	☐
Terrace wound	☐	☐
Corona Protection	☐	☐
RTDs	☐	☐

Ohms Qty

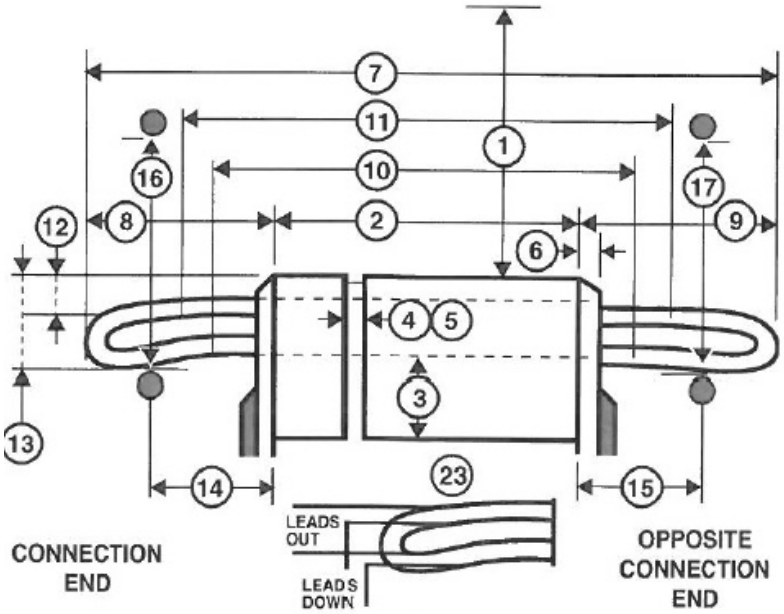
Hermetic	☐	☐
Slot paper used	☐	☐

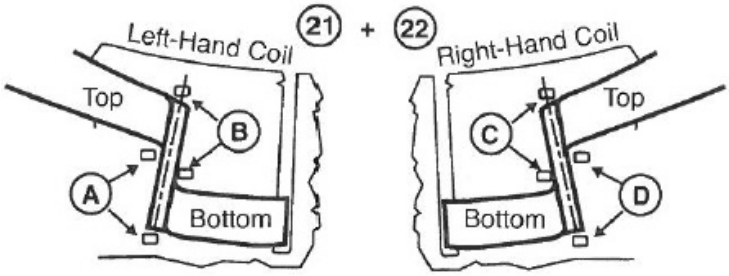
Insulation class ☐ B ☐ F ☐ H

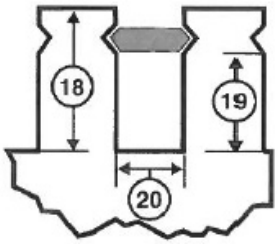
☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments







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