Job Information

Job #:	94691	Date:	September 28, 2018
Priority:	—	Authorized OT: No	Authorized by:

Customer Information

Name:	Molex	Motor#:	

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	450
Serial#:	A07TESP11 1	Model#:	1RAD4492zJGK	Service Factor:	1.15
Frame:	449TDZ	Rated RPM:	3570	Rated Voltage:	460
Phase:	3	Rated Amps:	489.0	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:	

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

AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout				

Conclusion

Service Tech name: RHR

Service Tech signature:

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

Polyphase AC Winding

						Polyphase Date:	September 28, 2018
Hp/kw:	450	RPM:	3570	Poles:	2	Manufacturer:	Siemens
Slots:	36	Type:			RGF	Volts:	460
Coils:	36	Model:	1RAD4492zJGK			Amps:	489.0

6 Of **6**		Serial#:	A07TESP11 1	Phase: 3
Grouping		Lead marking:	1-2-3-4-5-6	Hertz: 60
Of				

Turns/Coil:	454545	Lead length:	2	C Rise:	Frame:	449TDZ
Wire Size	17	Lead size:		Duty:	C AMB:	
Wire Mult.	28	Num.Leads:	6	Eff.:	Ins.Cls.:	F
Pitch 1 to:	12	☐ DP ☐ TEFC ☐ XPRF ☐ TENV			S.F.:	1.15
Connection:	2Y2D					
Jumper:						
Core length:	21.375					
Core ID:	10.375					
Back iron:	2.125					
Slot depth:	1.25					
Slot/tooth w:	0.319					
Wire weight:	220					
Vents:	Size					
Rotor bars:						

COIL
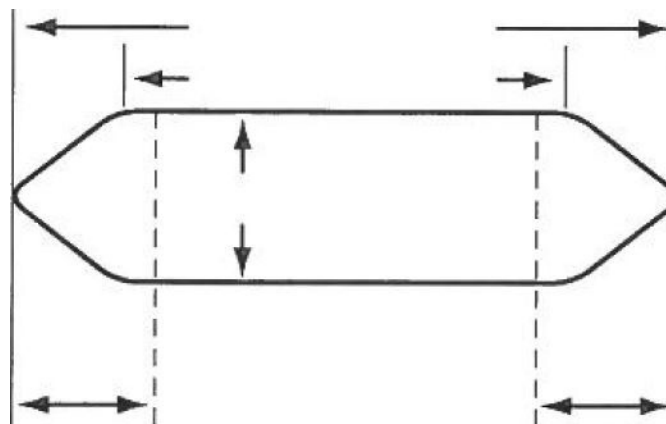
Connection End
(Facing Terminal Box)

☑ Left   ☐ Right

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:	450	RPM:	3570	Manufacturer:	Siemens

	Run	Start			
No. Slots			Type:		Volts: 460
No. Poles			Model: 1RAD4492zJGK		Amps: 489.0
Coils/pole			Style:		Hertz:
Dwg No.			Form:		Frame:
Wire Size			C Rise: Hrs.:		Cap. Mfd.:
Wires in par.			Serial#: A07TESP11 1		
No. Circuits			Duty: —		☐ BB ☐ SB
Coil Ext.			Open: —		
Stator Bore			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: Molex

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

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

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

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

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

AC Stator Form Coil Data (Continued)

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

Ohms   Qty

	Yes	No
Hermetic	☐	☐
Slot paper used	☐	☐

Insulation class   ☐ B   ☐ F   ☐ H

☐ VPI   ☐ Dip & Bake   ☐ Sealed

☐ Leads taped   ☐ Leads sleeved

Comments

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

EASA
The Electro•Mechanical Authority