

Job Information

Job #: 137406 Date: May 22, 2018

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: Nci Reason:

Contact: Motor#: PO#:

Application: – Special notes:

Name Plate Information

Manufacturer: Allen Bradley Enclosure: Open Drop Proof Enclosure Type image

(ODP)

Serial#: B1017688-020002 Model#: RI2898z

Service Factor: Frame:

Horsepower/kW: 200 Rated RPM: 1765

Rated Amps: 237 Rated Voltage:

Phase: Cycles:

Special design: No

Nameplate DE ODE F1 F2 Top













Fax 901-873-5301



Mechanical Inspection

Type of grounding device:

Shaft runout(TIR-Inbound):

Bearings DE:

Other

Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?: Yes Contaminant(s): Water

Shaft rotation: Bi-directional Contaminant(s) Amt: Cup

Shaft grounding device No Contaminant Image:

present?:

Insulated: No Bearing DE Size: 6215

Bearings ODE: Other Bearings ODE make: SKF

Bearing Type: Ball Bearing ODE Size: 6208

Bearings Retainer: Yes Thermal Protection: Yes

Retainer condition: — Thermal Protection Type: —

Bearing Type Image



Bearing Make Image



Bearing Retainer Image

Bearings DE make:

SKF



Thermal Protection

Not Available



Mechanical Inspection (Continued)

Lubrication Type: Grease Thermal Protection device DE: -

Lubrication brand inbound: Mobile Polyrex EM Thermal Protection device ODE: —

Lubrication brand outbound: Mobile Polyrex EM

Grease Amt DE: Full Grease Cond. DE: Watery

Grease Amt ODE: Full Grease Cond. ODE: Watery

Seals DE type: Slinger Seals Image:

Seals DE size:

Not
Available

Seals DE (inbound) condition:

Seals Image 2:

Seals ODE type: Slinger

Seals ODE size: Available

Seals ODE (inbound) condition

:

Shaft damage cause: None Shaft Image:



Not



Mechanical Inspection (Continued)

Brg. Image:



Bushings/sleeves image:

Not Available

Water jacket:

Ok

Fan:

Ok

Frame cond.:

Good

Not Available Not Available



Motor Mount Position:

Horizontal/Foot mount

Endbell type:

Endbell Image:

Single piece

Missing parts?

O-rings

J-Box

☐ HH cover

Glands

■ None

Other missing parts





Mechanical Inspection (Continued)

Air Gap Meaurements (N/A on Single Piece Endbell)

Does Air Gap Meet Customer or EASA spec(<10% variation)?

DE @ 0 ODE @ 0 -

DE @ 90 ODE @ 90

DE @ 180 ODE @ 180

DE @ 270 ODE @ 270

AC Electrical Inspection

Number of leads: 6 Terminal Markings: 1-3

Length of leads: 20inches REF: NEMA Stds. MG 1-2009, Rev. 1-2010, 2.41-Terminal

Markings Identified By Color:

Size of leads: 1-Blue 5-Black P1-No color assigned

2-White 6-No color assigned P2-Brown

3-Orange 7-No color assigned

Lead condition: Good 4-Yellow 8-Red

Connections As Received: Lug type:

Lug size:

Lug Condition:

Lug Attachment: Acceptable

Good

Terminal



Lugs





AC Electrical Inspection (Continued)

Rotor Type: Cast Aluminum

Ok

Num rotor bars: 40

Num broken bars: 0

Rotor



Rotor Test Results

Rotor Condition:

Visual: Pass Growler: Pass Single phase: Pass

Stator type: Factory If other, stator type:

Stator condition: Ok If other, stator condition:

Failure location: In slot If other, stator failure:

Stator Image: Failure Image:







AC Electrical Inspection (Continued)

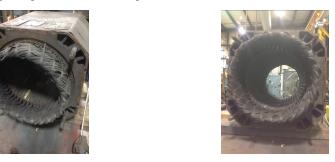
Winding color: Dull black Winding image Winding Thermal Protection: Yes

Winding condition: Mushy

Winding Thermal ____ Protection DE:

Winding Thermal Protection ODE:

Stator test results: Rewind



Megs incoming: Bad Surge incoming: Bad Hi-pot incoming: Good

Winding Resistance Incoming

Phases A to B Phases B to C Phases C to A Resistive imbalance

Incoming

Leads/jumpers: Ok Lead jumper Image. :

If other, leads/jumpers:





Conclusion

Component Failure			
Cause of Failure			
Comments			
Service Tech name:			
Service Tech signature:	 		