

REXEL MOTOR REPAIR

3326 EAST BROADWAY
ALTON, IL. 62002
618-463-0333

Customer Data

| | |
|---------------------|----------------------|
| Work Order: B4722-B | Test Date: 7/24/2009 |
| Customer: ASI | Phone: |
| BROADWAY | |
| ALTON | IL 62002 |

Rotor Data (All dimensions are in Inches)

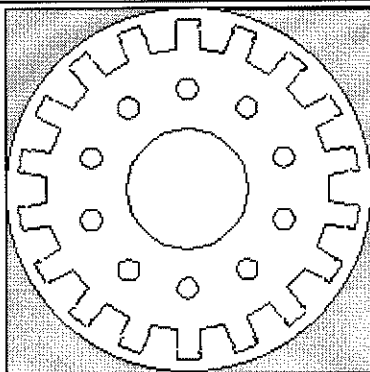
| | | |
|--------------------------------|---------------------------|------------------|
| Serial No: N06810376-980804-13 | HP / kW: 20 | |
| Manufacturer: BALDOR | RPM: 2500 | |
| Model: 94A097-2515 | Voltage: 460/190 | |
| Frame: 329AT | Current: 35.8/1.7 | |
| Diameter: 7.562 | Tooth Width: .34 | Vent Width: |
| Core Length: 11.687 | Number of Teeth: 30 | Number of Vents: |
| Back Iron: 1.90 | Approx. Weight: 96.85 lb. | Vent Hole Dia.: |
| Slot Depth: .78 | Mean Circum.: 12.89 | Number of Holes: |

Core Loss Test

| | |
|------------------|---|
| Voltage: 4.789 V | Core Loss: ¹ 2.16 W / lb. (Acceptable) |
| Power: 0.209 kW | Power Factor: ² 0.82 (Marginal) |
| Current: 53 A | Flux Density: 85.22 Kilolines |
| | Reluctance: 4.11 A.T. / Inch |

1: Core Loss < 6.00 W/lb. is acceptable, 6.00-10.00 W/lb. is marginal, and > 10.00 W/lb. is unacceptable.
2: Power Factor < 0.70 is acceptable, 0.70-0.90 is marginal, and > 0.90 is unacceptable.

Hot Spot Test

| | |
|---------------------------|---|
| Current (A): 0 |  |
| Duration (min:sec): 00:00 | |
| Location of hot spots: | |

Notes:

AFTER WATT KNOCKED. BEFORE TREATMENT.

*NOTE! PRESS CLAMP PLATE
RELEASED,*

Test Performed By: 

Date: 7-24-09

REXEL MOTOR REPAIR

3326 EAST BROADWAY

ALTON, IL. 62002

618-463-0333

Customer Data

| | |
|---------------------|----------------------|
| Work Order: B4722-C | Test Date: 7/24/2009 |
| Customer: ASI | Phone: |
| BROADWAY | |
| ALTON | IL 62002 |

Rotor Data (All dimensions are in Inches)

| | | |
|--------------------------------|---------------------------|------------------|
| Serial No: N06810376-980804-13 | HP / kW: 20 | |
| Manufacturer: BALDOR | RPM: 2500 | |
| Model: 94A097-2515 | Voltage: 460/190 | |
| Frame: 329AT | Current: 35.8/1.7 | |
| Diameter: 7.562 | Tooth Width: .34 | Vent Width: |
| Core Length: 11.687 | Number of Teeth: 30 | Number of Vents: |
| Back Iron: 1.90 | Approx. Weight: 96.85 lb. | Vent Hole Dia.: |
| Slot Depth: .78 | Mean Circum.: 12.89 | Number of Holes: |

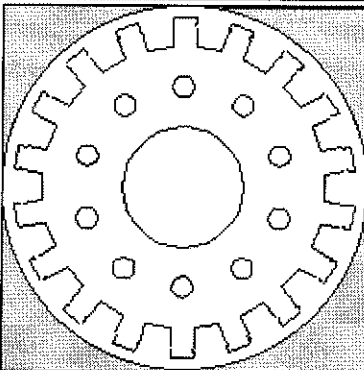
Core Loss Test

| | |
|------------------|---|
| Voltage: 4.785 V | Core Loss: ¹ 2.36 W / lb. (Acceptable) |
| Power: 0.229 kW | Power Factor: ² 0.80 (Marginal) |
| Current: 60 A | Flux Density: 85.15 Kilolines |
| | Reluctance: 4.66 A.T. / Inch |

1: Core Loss < 6.00 W/lb. is acceptable, 6.00-10.00 W/lb. is marginal, and > 10.00 W/lb. is unacceptable.

2: Power Factor < 0.70 is acceptable, 0.70-0.90 is marginal, and > 0.90 is unacceptable.

Hot Spot Test

| | |
|---------------------------|---|
| Current (A): 0 |  |
| Duration (min:sec): 00:00 | |
| Location of hot spots: | |

Notes:

AFTER TREATMENT. BEFORE BAKE OUT.

Test Performed By: JR

Date: 7-24-09

REXEL MOTOR REPAIR

3326 EAST BROADWAY

ALTON, IL. 62002

618-463-0333

Customer Data

| | |
|---------------------|----------------------|
| Work Order: B4722-D | Test Date: 7/27/2009 |
| Customer: ASI | Phone: |
| BROADWAY | |
| ALTON | IL 62002 |

Rotor Data (All dimensions are in Inches)

| | | |
|--------------------------------|---------------------------|------------------|
| Serial No: N06810376-980804-13 | HP / kW: 20 | |
| Manufacturer: BALDOR | RPM: 2500 | |
| Model: 94A097-2515 | Voltage: 460/190 | |
| Frame: 329AT | Current: 35.8/1.7 | |
| Diameter: 7.562 | Tooth Width: .34 | Vent Width: |
| Core Length: 11.687 | Number of Teeth: 30 | Number of Vents: |
| Back Iron: 1.90 | Approx. Weight: 96.85 lb. | Vent Hole Dia.: |
| Slot Depth: .78 | Mean Circum.: 12.89 | Number of Holes: |

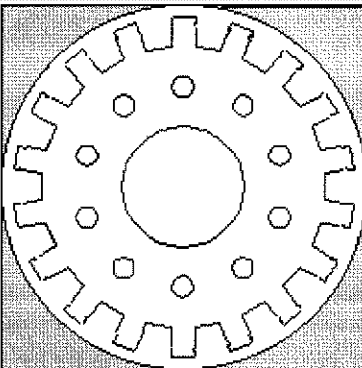
Core Loss Test

| | | |
|------------------|--------------------------------------|--------------|
| Voltage: 4.785 V | Core Loss: ¹ 2.41 W / lb. | (Acceptable) |
| Power: 0.233 kW | Power Factor: ² 0.79 | (Marginal) |
| Current: 62 A | Flux Density: 85.15 Kilolines | |
| | Reluctance: 4.81 A.T. / Inch | |

1: Core Loss < 6.00 W/lb. is acceptable, 6.00-10.00 W/lb. is marginal, and > 10.00 W/lb. is unacceptable.

2: Power Factor < 0.70 is acceptable, 0.70-0.90 is marginal, and > 0.90 is unacceptable.

Hot Spot Test

| | |
|---------------------------|---|
| Current (A): 169 |  |
| Duration (min:sec): 05:00 | |
| Location of hot spots: | |

Notes:

AFTER TREATMENT AND BAKE OUT. 83-93 DEG. F. EVENLY. NO HOT SPOTS FOUND.

Test Performed By: JR

Date: 7-27-09