



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 140181

Date: July 16, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name:

Motor#:

## Name Plate Information

Manufacturer: DEMAG

Enclosure : Open Drop Proof (ODP)

Horsepower/kW:

Serial#:

Model#:

Service Factor:

Frame:

Rated RPM:

Rated Voltage:

Phase:

Rated Amps:

Cycles:

Special design: No

## Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition: Damaged

Bearings Retainer: No

Shaft runout(TIR-Inbound): .000

Bearing DE Size: 205 WITH 51108 THRUST

Retainer condition: —

Bearing ODE Size: 205

**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



### Mechanical Inspection (Continued)

|                             |                             |                                                          |             |
|-----------------------------|-----------------------------|----------------------------------------------------------|-------------|
| DE shaft extension :        | DAMAGED TOO MUCH TO MEASURE | Shaft damage:                                            | Salvageable |
| DE shaft extension keyway:  | ^^^^^^^^^^^^                | Shaft Brg. Journal DE:                                   | Good        |
| ODE shaft extension :       | SPLINED WITH THREADS ON END | If DE undersized, amt.:                                  | .0000       |
| ODE shaft extension keyway: | N/A                         | Shaft damage:                                            | OK          |
| Shaft air Seal DE size:     | 1.259                       | Shaft Brg. Journal ODE:                                  | Good        |
| Shaft air Seal ODE size:    | 1.259                       | If ODE undersized, amt.:                                 | .0000       |
| DE Endbell fits/damage:     | Good                        | ODE Endbell fits/damage:                                 | Good        |
| Endbell DE size:            | 2.0475                      | Endbell ODE size:                                        | 2.0475      |
| Endbell DE air seal size:   | 2.0475                      | Endbell ODE air seal size:                               | 2.0475      |
| Endbell DE insulated?:      | No                          | Endbell ODE insulated?:                                  | No          |
| Foot flatness:              | N/A                         | Does Air Gap Meet Customer or EASA spec(<10% variation)? | Yes         |

### Conclusion

Machine work needed: ^^^^REPAIR DRIVE END EXT SHAFT AND KEYWAY^^^  
 NEED TO GET MATING PART BEFORE REPAIRING UNABLE TO DETERMINE ORIGINAL SIZE OF SHAFT AND KEYWAY

Service BILLY MAYS