

Motor Failure Review Form



RETURN MOTOR COMPONENTS FOR EVALUATION "AS IS" (NOT CLEANED) FOR INSPECTION BY BALDOR

Customer _____ RA # _____
 Model # (catalog or Spec#) _____ Serial # _____
 Reason for the return _____
 Is this a new or existing application _____
 Have you had any other failures in this application _____
 How many in service _____ How long was the failed motor in service _____
 Was grease added to the motor _____ Type of grease added _____
 Maintenance schedule _____
 Number of starts (per hour, day, etc.) _____ Duty cycle _____
 Variable Frequency Drive _____ Speed Range _____
 Type of Service _____
 Ambient Conditions (Dirty, moisture, corrosive, etc.) _____
 Ambient Temperature Maximum _____ Minimum _____
 Describe any Shock/Vibration _____
 Mounting Orientation (Horizontal, Vertical Shaft Up or Down) _____
 Thrust into motor _____ lbs. Thrust out of motor _____ lbs.
 Describe type of load (Continuous, momentary, etc.) _____
 Motor life expectancy _____ Desired bearing L₁₀ _____ hour

Direct coupled _____

Number of belts _____
 Belt Size (5V, 8V, B, C, D, E, etc.) _____
 Driving sheave diameter (d) _____
 Driven sheave diameter (D) _____
 Center Distance (C) _____
 Distance(X) _____
 Reference (figure 2) for dimensions "d" "D" and "C"
 X = distance from motor to the center of the pulley (figure 1)

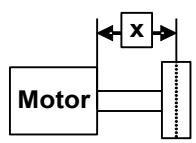


Figure 1

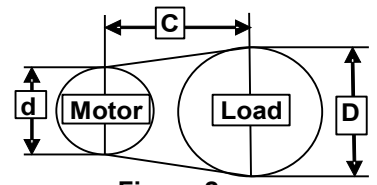


Figure 2

Fan/Impeller/Flywheel _____ Weight _____ Inertia _____
 Distance (X) _____ X = distance from motor to the center of gravity of the mounted object (figure 1)

Chain _____ Sprocket Diameter _____ Chain Load _____
 Distance (X) _____ X = distance from motor to the center of the mounted sprocket (figure 1)

Gear _____ Driving Pitch Dia _____ Helix Angle _____
 Distance (X) _____ Driven Pitch Dia _____ Pressure Angle _____
 X = distance from motor to the center of the mounted gear (figure 1)

Additional info. including motor features or any loads not listed above

Submitted by: _____

Date: _____

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