

ELECTROMAGNETIC CALIPER DISC BRAKE

APPLICATION DATA SHEET

COMPANY: _____ LOCATION: _____

CONTACT: _____ PHONE/FAX: _____

CONTACT TITLE: _____

CRANE, MOTOR & CONTROL INFO.

CRANE TYPE: _____

MOTOR TYPE: _____ MOTOR SIZE: _____

MOTOR HP: _____ MOTOR SPEED: _____

MOTOR FULL LOAD AMPS: _____

APPLICATION TYPE:

HOIST TRAVEL TROLLEY LINE OTHER

DUTY CYCLE OF USAGE:

1/2 HR HOUR INTERMITTENT CONTINUOUS

CRANE POWER IS: AC DC

CRANE VOLTAGE IS: 480VAC 250VDC
230 V OTHER

BRAKE IS POWERED BY:

AC DC SERIES 100VDC 200VDC

FOR SHUNT SYSTEMS:

IS AN ECONOMIZING CIRCUIT USED: YES NO

VOLTAGE AFTER ECONOMIZING: _____

ARE RESISTORS USED: YES NO

VALUE OF RESISTORS: _____

BRAKE MOUNTING LOCATION:

MOTOR SHAFT GEARBOX SHAFT IN-LINE

SHAFTS DIA: _____

SHAFT TAPER: _____

AISE STANDARD MOUNTING?

YES NO

BRAKE RELATED INFORMATION

EXISTING BRAKE MANUF. & TYPE: _____

BRAKE DRUM DIA: _____ NO. OF BRAKES: _____

DRUM OFFSET DIMENSION: _____

DESIRED COIL LEAD ORIENTATION: LEFT RIGHT

HOW OFTEN ARE LININGS REPLACED: _____

HOW OFTEN ARE BRAKE DRUMS REPLACED: _____

IS SELF-ADJUSTING REQUIRED: YES NO

DOES THE DRUM BRAKE FADE: YES NO

ADJUSTING THE BRAKE SYSTEM IS CONSIDERED BY THE USER TO BE:

EASY TEDIOUS

OVERALL MAINTENANCE OF THE BRAKE SYSTEM IS CONSIDERED BY THE USER TO BE:

EASY TEDIOUS

ADDITIONAL DATA NEEDED FOR PINION SHAFT MOUNTING

- 1.) SHAFT MATERIAL
- 2.) SHAFT HARDNESS
- 3.) DRAWING OF SHAFT SHOWING BEARING LOCATIONS
- 4.) IS SHAFT NEW OR USED
- 5.) BRAKE CYCLE RATE
- 6.) TORQUE SETTING OF CALIPER DISC BRAKE
- 7.) OFFSET DIMENSION OF BRAKE TO BE INSTALLED

ADDITIONAL DATA NEEDED FOR IN-LINE MOUNTING

- 1.) GEARBOX SHAFT DIMENSIONS WITH TOLERANCES
- 2.) DRAWING OF EXISTING COUPLING ARRANGEMENT
- 3.) DESIRED TYPE OF COUPLING:
FLEX-FLEX OR FLEX-RIGID
- 4.) AISE STANDARD MOUNTING OF THE BRAKE IN RELATION TO MOTOR BASE?
- 5.) DISTANCE BETWEEN SHAFT ENDS

REMARKS: _____
