



NOTES:

1. FOR USE WITH MINERAL BASE HYDRAULIC OIL ONLY
2. DIMENSIONS MAY VARY BETWEEN UNITS AND ARE FOR REFERENCES PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES
3. LINING REPAIR KIT P/N 20-060-108
4. BEARING REPAIR KIT P/N 02-500-217
5. O-RING REPAIR KIT P/N 02-500-218
6. SPRING REPAIR KIT P/N 12-501-516
7. BRAKE SURFACE COATING: BLACK SEMI GLOSS ACRYLIC PRIMER

SPECIFICATIONS:

TYPE:	DRY MULTIPLE DISC BRAKE. SPRING APPLY, HYDRAULIC RELEASE
MAXIMUM SPEED:	4,000 RPM SHAFT SPEED CAPABILITY SPECIFIED IS FOR BRAKE IN RELEASED CONDITION. ENERGY ABSORPTION DURING APPLY CYCLE MUST BE CAREFULLY EXAMINED FOR EACH APPLICATION.
TORQUE RATING:	2,800 LBIN STATIC (BREAKAWAY). ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.
RELEASE PRESSURE:	230 PSI INITIAL, 280 PSI FULL & 3,000 PSI MAX.
VOLUME OF OIL REQUIRED TO RELEASE BRAKE:	0.5 IN ³ MIN., 0.9 IN ³ MAX.
LINING MATERIAL:	SINTERED BRONZE
APPROXIMATE WEIGHT:	25 LB

INSTALLATION INFORMATION:

1. THIS BRAKE IS DESIGNED TO MOUNT WITH THE EATON 2000 SERIES BEARINGLESS MOTOR. (SLEEVE BEARING NOT REQUIRED.)
2. IF THE MOTOR CASE DRAIN IS USED, THE DRAIN LINE MUST BE ROUTED SUCH THAT THE SPLINE AREA IS LUBRICATED AT ALL TIMES.
3. REFER TO THE MOTOR INSTALLATION INSTRUCTIONS FOR FURTHER INFORMATION.

CAUTION:
CASE PRESSURE BETWEEN THE MOTOR AND BRAKE MUST NOT EXCEED 100 PSI.

**INCH
[MILLIMETER]**

MICO North Mankato, Minnesota USA				
SCALE 0.500	TITLE LMB-131228-L2 MULTIPLE DISC BRAKE	SIZE B	DRAWING NUMBER 02-556-350	REV M
DWN RGSB 2012-02-06	APVD PROD ENGRG PJS 2013-07-03			
X NO	APVD ENGRG RV 12/03/12		CUSTOMER COPY	0

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