



PART NUMBER AND DATE CODE STAMPED ON COVER IN THIS APPROXIMATE AREA

30° INVOLUTE SPLINE-EXTERNAL
15 TOOTH 16/32 PITCH
FLAT ROOT, SIDE FIT, CLASS 5
PER ANSI B92.1-1970

NOTES:

1. USE MINERAL BASE HYDRAULIC OIL ONLY FOR BRAKE RELEASE.
2. DIMENSIONS MAY VARY BETWEEN UNITS AND ARE FOR REFERENCE PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
3. LINING REPAIR KIT P/N 20-060-107
4. BEARING REPAIR KIT P/N 02-500-427
5. O-RING REPAIR KIT P/N 02-500-426
6. SPRING REPAIR KIT P/N 12-501-515

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.
RELEASE PRESSURE:	220 PSI INITIAL, 260 PSI FULL, 3,000 PSI MAX.
TORQUE RATING:	4,000 LBIN STATIC (BREAKAWAY) ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.
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	TITLE	LMB-151240-L2 MULTIPLE DISC BRAKE		
0.500		SIZE	DRAWING NUMBER	REV
DWN RGSB	APVD PROD ENGRG	B	02-556-428	G
2012-01-25	PJS 2013-03-07		CUSTOMER COPY	
X NO	APVD ENGRG			
X6781	RV 12/02/12			

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