



- 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 02-500-217
  5. O-RING REPAIR KIT P/N 02-500-218
  6. SPRING REPAIR KIT P/N 12-501-516

**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: 4,800 LBIN STATIC (BREAKAWAY) ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.

RELEASE PRESSURE: 265 PSI INITIAL, 315 PSI FULL, 3,000 PSI MAX.

VOLUME OF OIL REQUIRED TO RELEASE BRAKE: 0.5 IN<sup>3</sup> MIN., 0.9 IN<sup>3</sup> 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 MULTIPLE DISC BRAKE		
DWN RGBS1 2012-02-08	APVD PROD ENGRG PJS 2013-03-25	SIZE B	DRAWING NUMBER 02-556-440
X NO X7815	APVD ENGRG RV 12/09/12	REV E	CUSTOMER COPY

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