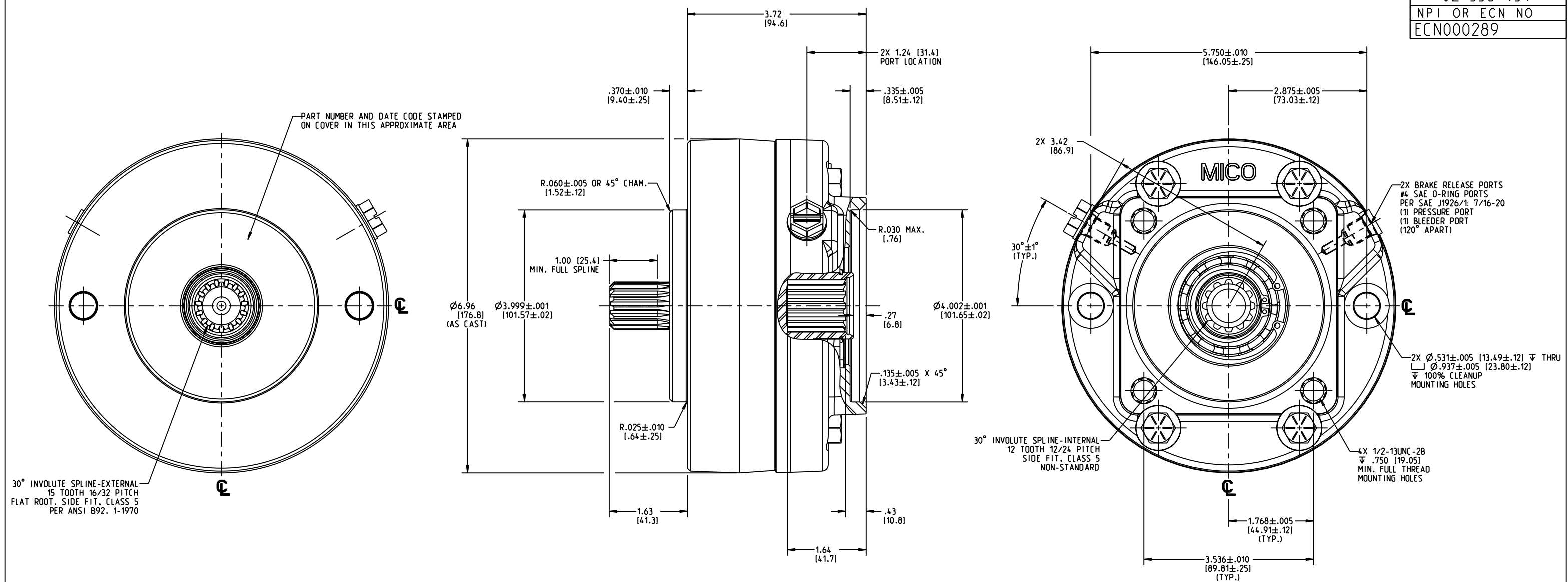


DRAWING NUMBER
02-556-454
NPI OR ECN NO
ECN000289



- 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: 320 PSI INITIAL, 400 PSI FULL, 3,000 PSI MAX.

TORQUE RATING: 5,000 LBIN STATIC (BREAKAWAY) ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.

VOLUME OF OIL REQUIRED TO RELEASE BRAKE: 0.5 IN³ MIN., 0.9 IN³ 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-151250-L2 MULTIPLE DISC BRAKE	SIZE B	DRAWING NUMBER 02-556-454	REV C
DWN RGS/1 2013-03-14	APVD PROD ENGRG PJS 2013-07-03			
X NO 09-3282	APVD ENGRG RV 04/22/2013		CUSTOMER COPY	

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