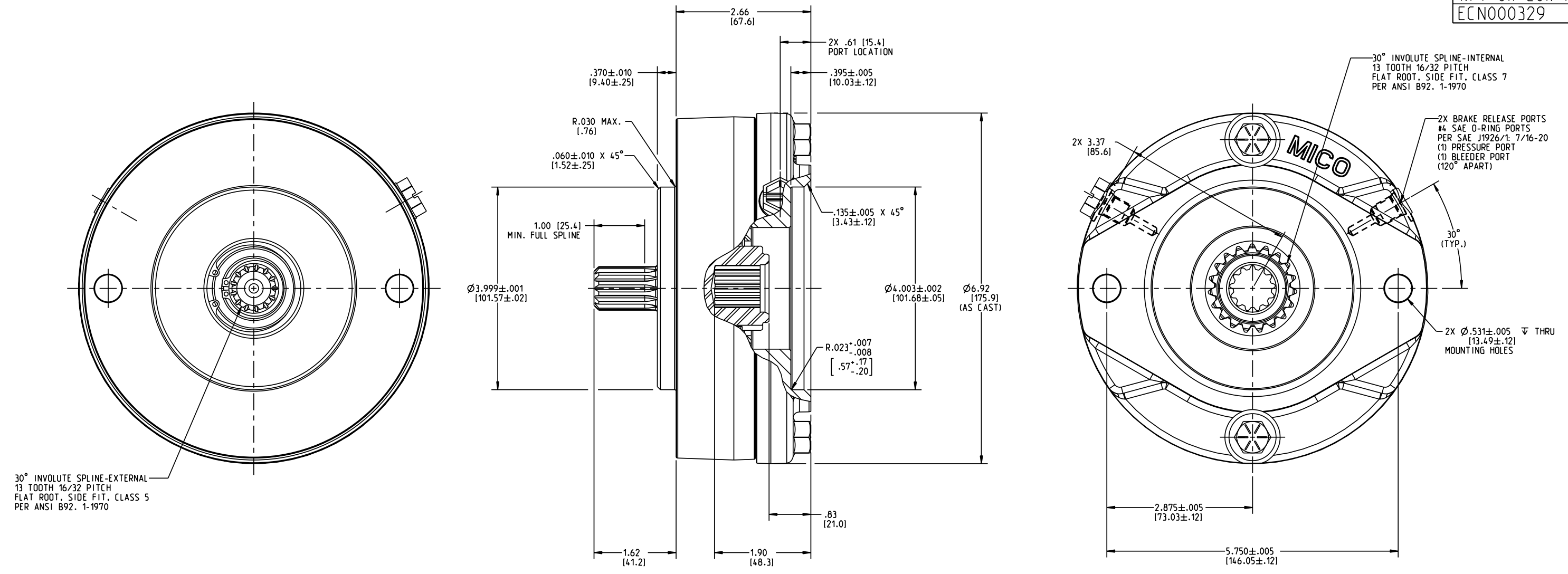


DRAWING NUMBER
13-100-024
NPI OR ECN NO
ECN000329



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

30° INVOLUTE SPLINE-INTERNAL
13 TOOTH 16/32 PITCH
FLAT ROOT, SIDE FIT, CLASS 7
PER ANSI B92. 1-1970

2X BRAKE RELEASE PORTS
#4 SAE O-RING PORTS
(1) PRESSURE PORT
(1) BLEEDER PORT
(120° APART)

2X Ø.531 ± 0.005 THRU
[13.49 ± 0.12]
MOUNTING HOLES

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. REPAIR KIT P/N 12-501-388

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:	165 PSI INITIAL, 190 PSI FULL, 3,000 PSI CONTINUOUS MAX. 4,000 PSI INTERMITTENT.
LINING MATERIAL:	HIGH PERFORMANCE COMPOSITE, NON-METALLIC BASED
TORQUE RATING:	2,100 LBIN STATIC (BREAKAWAY)
VOLUME OF OIL REQUIRED TO RELEASE BRAKE:	0.5 IN ³ MIN., 0.9 IN ³ MAX.
APPROXIMATE WEIGHT:	19 LB

**INCH
(MILLIMETER)**

COMPONENT AND SYSTEM RECOMMENDATIONS MADE BY MICO, INC ARE BASED ON INFORMATION SUPPLIED BY POTENTIAL USER AND/OR SYSTEM DESIGNER. THE POTENTIAL USER AND/OR DESIGNER MUST MAKE FINAL ACCEPTANCE AND APPROVAL OF COMPONENTS AND SYSTEM AFTER TESTING PERFORMANCE ON AN ACTUAL APPLICATION FOR WHICH SYSTEM WAS DESIGNED.

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MICO[®]
North Mankato, Minnesota USA

SCALE 0.500	TITLE B-MOUNT MULTIPLE DISC BRAKE COMPACT DESIGN	GB-131321-B
DWN RGS1 2010-10-18	APVD PROD ENGRG PJS 2011-03-18	SIZE B
X NO	APVD ENGRG RV 2011-03-01	DRAWING NUMBER 13-100-024
		REV E

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