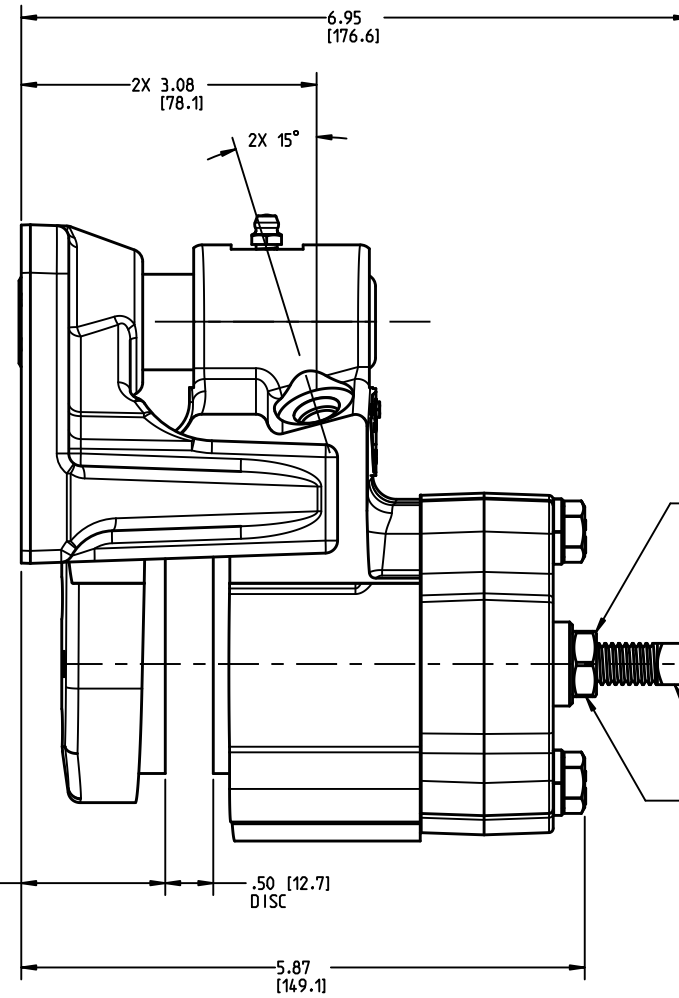
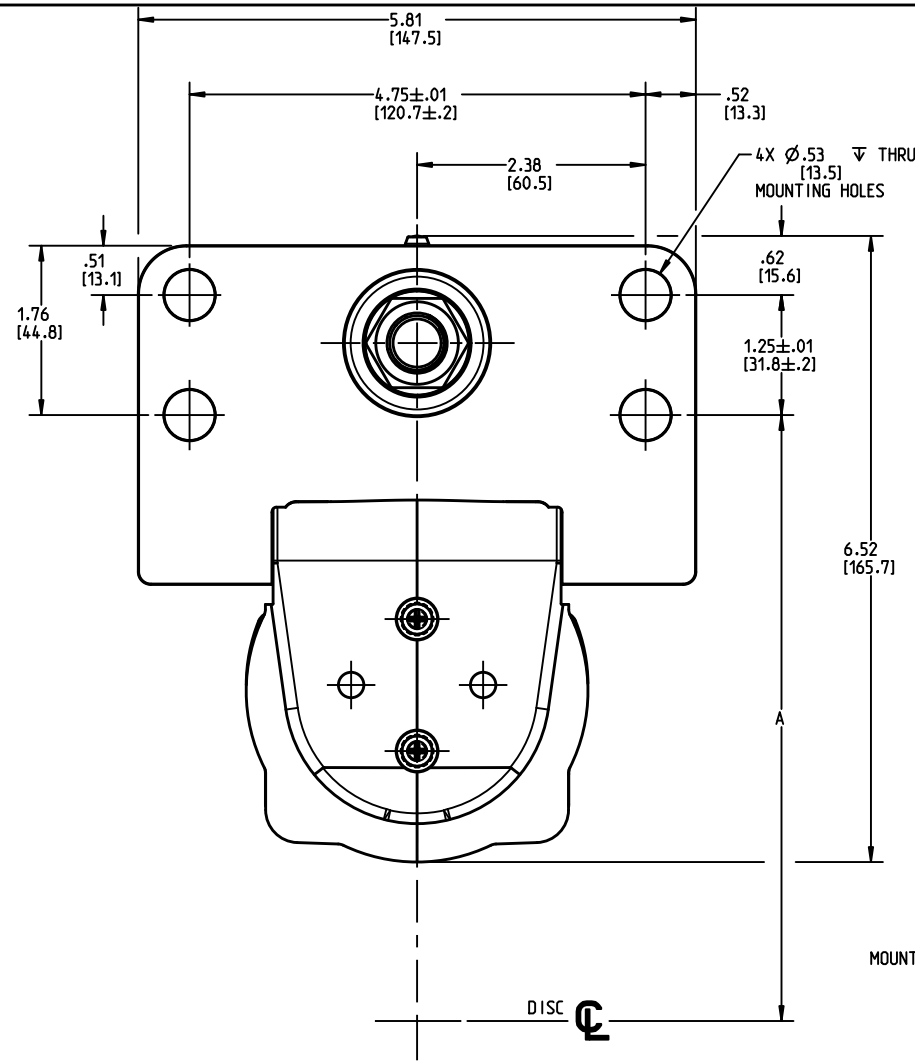
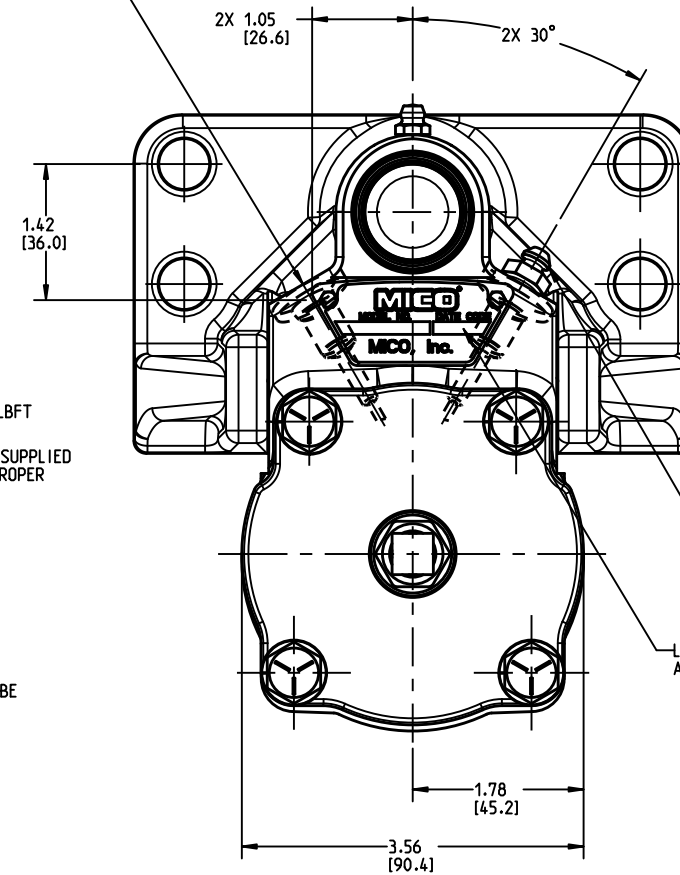


DRAWING NUMBER
02-530-630
NPI OR ECN NO
ECN H000168

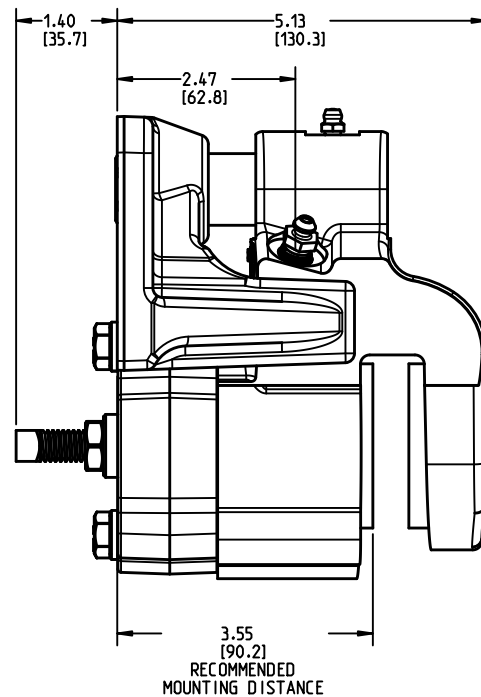


2X #4 SAE O-RING PORT
PER SAE J1926/1: 7/16-20



7/16 NUT
RECOMMENDED TORQUE IS 22 TO 27 LBFT
SEE SERVICE INSTRUCTIONS SUPPLIED
WITH CALIPER BRAKE FOR PROPER
ADJUSTMENT PROCEDURE

NUT AND SET SCREW WILL BE
SHIPPED UNASSEMBLED



OPTIONAL MOUNTING
SCALE 0.375

NOTES:

- 1) TO BE USED WITH MINERAL BASE HYDRAULIC OIL ONLY.
- 2) DIMENSIONS MAY VARY BETWEEN UNITS AND ARE TO BE USED FOR REFERENCE PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
- 3) SLOWLY APPLY GREASE THRU ZERK FITTING AFTER ASSEMBLY UNTIL GREASE IS OBSERVED EXITING SEALS. OVER PRESSURIZING MAY FORCE SEALS OUT OF HOUSING.
- 4) BRAKE SHOWN IN APPLIED POSITION.
- 5) SET SCREW AND NUT TO BE SHIPPED UNASSEMBLED TO BRAKE.
- 6) BRAKE SURFACE FINISH: ZINC CHROMATE YELLOW PER ASTM B633, TYPE II, SC2
- 7) LINING MATERIAL: NON-ASBESTOS, LEAD FREE
- 8) SEAL KIT P/N 02-500-230
- 9) REPAIR KIT P/N 02-500-228.
- 10) LINING KIT P/N 20-060-113.

PERFORMANCE CHARACTERISTICS:

- 1) BRAKE TORQUE: Bf (LBIN) = 3840 X (DISC RADIUS - 1.18)
- 2) MAXIMUM TORQUE ACHIEVED ONLY AFTER BRAKE HAS BEEN PROPERLY ADJUSTED AND BURNISHED.
- 3) COMPLETE RETRACTION PRESSURE: 1500 PSI.
- 4) MAXIMUM CONTINUOUS DUTY PRESSURE IS 2000 PSI
- 5) MAXIMUM INTERMITTENT DUTY PRESSURE IS 2500 PSI.
- 6) VOLUME REQUIRED FOR COMPLETE RETRACTION: .80 CUIN MAXIMUM.
- 7) CAUTION: DISC RUBBING SPEED SHOULD NOT EXCEED 5000 FT/MIN.
- 8) "A" DIMENSION = DISC RADIUS + 1.62 INCHES (DISC DIA. FROM 9 TO 15 INCHES).
- 9) "A" DIMENSION = DISC RADIUS + 1.75 INCHES (DISC DIA. GREATER THAN 15 INCHES).

INCH
(MILLIMETER)

MICO[®]

North Mankato, Minnesota USA

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SCALE 1.000	TITLE SPRING BRAKE		
DWN JJH 2015-11-23	APVD PROD ENGRG PJS 2015-11-30	SIZE B	DRAWING NUMBER 02-530-630
X NO .	APVD ENGRG BSW 2015-11-24	REV F	CUSTOMER COPY