



INCH
[MILLIMETER]

NOTES:

- 1) TO BE USED WITH MINERAL BASE HYDRAULIC OIL ONLY .
- 2) DIMENSIONS MAY VARY SLIGHTLY BETWEEN UNITS ARE TO BE USED FOR REFERENCE PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
- 3) APPLY A POLYMER BASE MOLY GREASE THRU ZERK FITTING AFTER ASSEMBLY UNTIL GREASE IS OBSERVED EXITING SEALS.
- 4) BRAKE SHOWN IN APPLIED POSITION.
- 5) BRAKE SURFACE FINISH: ZINC CHROMATE YELLOW PER ASTM B633, TYPE II, SC2
- 6) LINING MATERIAL: NON-ASBESTOS, LEAD FREE
- 7) SEAL KIT P/N 02-500-058.
- 8) REPAIR KIT P/N 12-501-407.
- 9) LINING KIT P/N 20-060-116.

PERFORMANCE CHARACTERISTICS:

- 1) BRAKE TORQUE: Bt (LBIN) = 1920 X (DISC RADIUS - 1.18)
- 2) MAXIMUM TORQUE ACHIEVED ONLY AFTER BRAKE HAS BEEN PROPERLY ADJUSTED AND BURNISHED.
- 3) COMPLETE RETRACTION PRESSURE: 1,000 PSI.
- 4) MAXIMUM CONTINUOUS DUTY PRESSURE IS 2000 PSI.
- 5) MAXIMUM INTERMITTENT DUTY PRESSURE IS 2500 PSI.
- 6) VOLUME REQUIRED FOR COMPLETE RETRACTION: .50 CU IN. MAXIMUM.
- 7) CAUTION: DISC RUBBING SPEED SHOULD NOT EXCEED 5,000 FT./MIN.
- 8) "A" DIMENSION = DISC RADIUS + 2.37 INCHES (DISC DIA. GREATER THAN 15 INCHES).
"A" DIMENSION = DISC RADIUS + 2.50 INCHES (DISC DIA. GREATER THAN 15 INCHES).

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MICO[®]
North Mankato, Minnesota USA

SCALE 0.750		TITLE SPRING BRAKE		
DWN JJH 2015-11-24	APVD PROD ENGRG PJS 2015-11-30	SIZE B	DRAWING NUMBER 01-530-314	REV C
X NO 08-2152	APVD ENGRG BSW 2015-11-24		CUSTOMER COPY	1 1