



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 PLATED.
- 7) LINING MATERIAL: NON-ASBESTOS. LEAD FREE
- 8) SEAL KIT P/N 02-500-058.
- 9) REPAIR KIT P/N 02-500-229.
- 10) LINING KIT P/N 20-060-113.

PERFORMANCE CHARACTERISTICS:

- 1) BRAKE TORQUE: BT (LBIN) = 2200 X (DISC RADIUS - 1.18)
- 2) MAXIMUM TORQUE ACHIEVED ONLY AFTER BRAKE HAS BEEN PROPERLY ADJUSTED AND BURNISHED.
- 3) COMPLETE RETRACTION PRESSURE: 1200 PSI.
- 4) MAXIMUM CONTINUOUS DUTY PRESSURE IS 2000 PSI
- 5) MAXIMUM INTERMITTENT DUTY PRESSURE IS 2500 PSI.
- 6) VOLUME REQUIRED FOR COMPLETE RETRACTION: 1.83 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).
- "A" DIMENSION = DISC RADIUS + 1.75 INCHES (DISC DIA. GREATER THAN 15 INCHES).

INCH
[MILLIMETER]

MICO a WABCO company		SCALE 1.000		TITLE SPRING BRAKE	
DWN JJH 2016-04-29	APVD PROD ENGRG PJS 2016-05-24	SIZE B	DRAWING NUMBER 02-530-308	REV F	1*
X NO X5387-60	APVD ENGRG BSW 2016-05-02	CUSTOMER COPY		1*	1*

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