



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. SURFACE COATING: ZINC CHROMATE YELLOW.
4. SLOWLY APPLY GREASE THRU ZERK FITTING AFTER ASSEMBLY UNTIL GREASE IS OBSERVED EXITING SEALS.
5. BRAKE SHOWN IN APPLIED POSITION.
6. SEAL KIT: 02-500-185
7. REPAIR KIT: 02-500-166
8. LINING KIT: 20-060-092

PERFORMANCE CHARACTERISTICS:

1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.
2. BRAKE TORQUE IN NEW LINING CONDITION: BT (INLB) = 6225 x (DISC RADIUS - 1.31).
3. BRAKE TORQUE IN WORN LINING CONDITION: BT (INLB) = 4895 x (DISC RADIUS - 1.31).
4. MAXIMUM BRAKE TORQUE ACHIEVED ONLY AFTER BRAKE HAS BEEN PROPERLY BURNISHED.
5. NOMINAL PISTON TRAVEL FROM NEW TO WORN LINING CONDITION: .300.
6. COMPLETE RETRACTION PRESSURE: 1000 PSI.
7. CONTINUOUS DUTY PRESSURE: 2000 PSI.
8. INTERMITTENT DUTY PRESSURE: 2500 PSI.
9. VOLUME REQUIRED FOR COMPLETE RETRACTION: 4.53 CUIN.
10. CAUTION: DISC RUBBING SPEED SHOULD NOT EXCEED 5000 FT/MIN.
11. "A" DIMENSION = DISC RADIUS + .13.
12. OPERATING TEMPERATURE RANGE: -15 °F TO 225 °F.

MICO North Mankato, Minnesota USA				
SCALE 0.500	TITLE SPRING BRAKE			
DWN ETH 2014-09-18	APVD PROD ENGRG DPD 2014-09-23	SIZE B	DRAWING NUMBER 03-530-904	REV M
X NO X6477	APVD ENGRG BSW 2014-09-18	CUSTOMER COPY		2 2

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