



**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, S2
- 7) LINING MATERIAL: NON-ASBESTOS, LEAD FREE
- 8) SEAL KIT P/N 02-500-058.
- 9) REPAIR KIT P/N 02-500-223.
- 10) LINING KIT P/N 20-060-113.

**PERFORMANCE CHARACTERISTICS:**

- 1) BRAKE TORQUE: BT (LBIN) = 3000 X (DISC RADIUS - 1.18)
- 2) MAXIMUM TORQUE ACHIEVED ONLY AFTER BRAKE HAS BEEN PROPERLY ADJUSTED AND BURNISHED.
- 3) COMPLETE RETRACTION PRESSURE: 1300 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]**



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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 02-530-312
X NO .	APVD ENGRG BSW 2015-11-24	B	REV E
			CUSTOMER COPY