



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 THE HYDRAULICALLY 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 02-500-224.
- 9) LINING KIT P/N 20-060-113.
- 10) UNIT COMES WITH SAE 37° (JIC) #4 STRAIGHT O-RING ADAPTOR.

PERFORMANCE CHARACTERISTICS:

- 1) BRAKE TORQUE: B_f (LBS.-IN) = 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 CONTINUOUS INTERMITTENT PRESSURE IS 2500 PSI.
- 6) VOLUME REQUIRED FOR COMPLETE RETRACTION: .80 CUIN.
- 7) CAUTION: DISC RUBBING SPEED SHOULD NOT EXCEED 5000 FT/MIN.
- 8) "A" DIMENSION = DISC RADIUS + 1.62 (DISC DIA. FROM 9 TO 15 INCHES).
"A" DIMENSION = DISC RADIUS + 1.75 (DISC DIA. GREATER THAN 15 INCHES).

INCH
[MILLIMETER]



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SCALE 0.500	TITLE SPRING BRAKE		
DWN JJC 2015-07-08	APVD PROD ENGRG	SIZE B	DRAWING NUMBER 02-530-628
X NO X5345-00	APVD ENGRG BSW 2015-07-10		REV H 1 1
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