



**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. SURFACE COATING: ZINC CHROMATE YELLOW.
4. SLOWLY APPLY GREASE THRU ZERK FITTING AFTER ASSEMBLY UNTIL GREASE IS OBSERVED EXITING SEALS. OVER PRESSURIZING MAY FORCE SEALS OUT OF HOUSING.
5. BRAKE SHOWN IN APPLIED POSITION.
6. SEAL KIT P/N 02-500-237.
7. REPAIR KIT P/N 02-500-236.
8. LINING KIT P/N 20-060-118.

**PERFORMANCE CHARACTERISTICS:**

1. BRAKE TORQUE (LBIN) = PSI x 2.72 x (DISC RADIUS - 1.18).
2. MAXIMUM CONTINUOUS DUTY PRESSURE IS 1500 PSI.
3. MAXIMUM INTERMITTENT DUTY PRESSURE IS 2000 PSI.
4. ACTUATING VOLUME (CUIN) = .09 NOMINAL.
5. CAUTION: DISC RUBBING SPEED SHOULD NOT EXCEED 5000 FT/MIN.
6. 'A' DIMENSION = DISC RADIUS + 1.63 (DISC DIAMETER FROM 9 TO 15 INCHES).  
'A' DIMENSION = DISC RADIUS + 1.75 (DISC DIAMETER GREATER THAN 15 INCHES).

INCH  
(MILLIMETER)



North Mankato, Minnesota USA

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SCALE 0.500		TITLE HYDRAULIC DISC BRAKE ASSEMBLY		
DWN MAP 2009-07-31	APVD PROD ENGRG PJS 2009-11-12	SIZE B	DRAWING NUMBER 02-530-040	REV C
X NO .	APVD ENGRG BSW 2009-09-04		CUSTOMER COPY	7 3