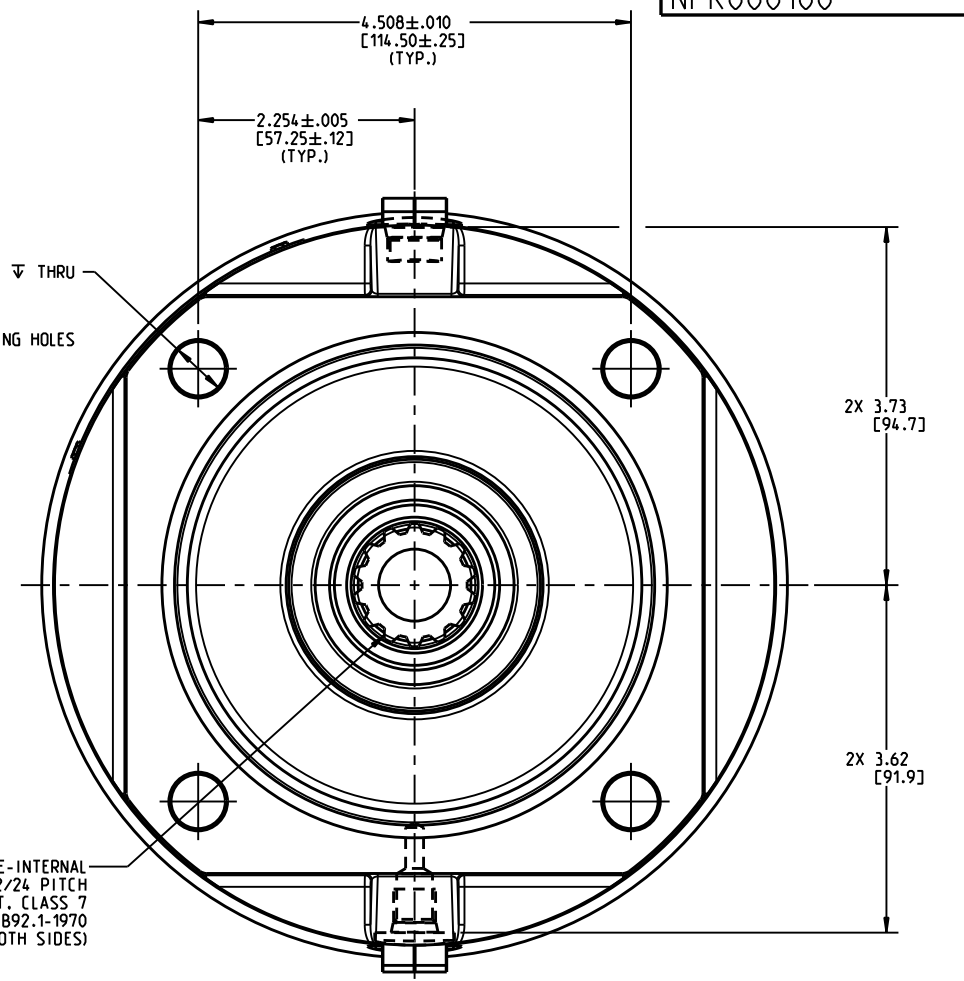


4X Ø.565^{-.007}_{-.008} 14.35^{-.17}_{-.20} THRU MOUNTING HOLES

30° INVOLUTE SPLINE-INTERNAL 14 TOOTH 12/24 PITCH FLAT ROOT, SIDE FIT, CLASS 7 PER ANSI B92.1-1970 (BOTH SIDES)



NOTES:

1. USE MINERAL BASE HYDRAULIC OIL ONLY FOR BRAKE RELEASE.
2. DIMENSIONS MAY VARY BETWEEN UNITS AND ARE FOR REFERENCE PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
3. LINING REPAIR KIT P/N 12-501-493
4. BEARING KIT P/N 12-501-494
5. O-RING REPAIR KIT P/N 12-501-495
6. SPRING REPAIR KIT P/N 12-501-496
7. CUSTOMER TO MAKE SURE PROPER GASKETS / O-RINGS ARE USED ON BOTH INPUT AND OUTPUT FACE.
8. BRAKES ARE SHIPPED UNPAINTED. CUSTOMER TO ENSURE THE BRAKES ARE PAINTED TO PREVENT CORROSION.

SPECIFICATIONS:

TYPE:	WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE
TORQUE RATING:	WET 3,000 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE DRY 4,500 LBIN TORQUE FOR BRAKE RATING & SPECIFICATIONS ONLY
RELEASE PRESSURE:	110 PSI INITIAL, 150 PSI FULL
MAXIMUM OPERATING PRESSURE:	3,000 PSI
MAXIMUM SPEED:	800 RPM
LINING MATERIAL:	SINTERED BRONZE
APPROXIMATE WEIGHT:	40 LB

**INCH
[MILLIMETER]**

COOLING OIL RECOMMENDATIONS

OIL TYPE: MINERAL BASE HYDRAULIC OIL SUCH AS MOBIL DTE 24. CITGO A/W 32 OR EQUIVALENT
FLOW THRU CAPACITY: 1.0 - 7.0 GPM
MAXIMUM CASE PRESSURE / DIFFERENTIAL PRESSURE: 40 PSI
SUMP OIL VOLUME: HORIZONTAL SHAFT: 4 FL. OZ. VERTICAL SHAFT: CONTACT FACTORY



COMPONENT AND SYSTEM RECOMMENDATIONS MADE BY MICO, INC ARE BASED ON INFORMATION SUPPLIED BY POTENTIAL USER AND/OR SYSTEM DESIGNER. THE POTENTIAL USER AND/OR DESIGNER MUST MAKE FINAL ACCEPTANCE AND APPROVAL OF COMPONENTS AND SYSTEM AFTER TESTING PERFORMANCE ON AN ACTUAL APPLICATION FOR WHICH SYSTEM WAS DESIGNED.

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SCALE 0.500	TITLE MULTIPLE DISC BRAKE	SIZE B	DRAWING NUMBER 13-547-542	REV A
DWN RGS1 2010-05-21	APVD PROD ENGRG PJS 2010-06-16		CUSTOMER COPY	
X NO X10-4057	APVD ENGRG RV 2010-06-16			