



**NOTES:**

- FOR USE WITH MINERAL BASE HYDRAULIC OIL ONLY.
- DIMENSIONS MAY VARY SLIGHTLY AND ARE FOR REFERENCES PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
- APPLY A MOLYBDENUM DISULFIDE BASED WATER DISPLACING GREASE TO THE INTERNAL AND EXTERNAL SPLINES BEFORE ASSEMBLY.
- LINING REPAIR KIT P/N 12-501-321
- BEARING REPAIR KIT P/N 12-501-478
- O-RING REPAIR KIT P/N 12-501-479
- SPRING REPAIR KIT P/N 12-501-324

**SPECIFICATIONS:**

TYPE:	WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE (WITH PRESSURE OVERRIDE)
FAILSAFE SECTION: TORQUE RATING:	5,300 LBIN STATIC (BREAKAWAY) TO 0 PSI BACK PRESSURE. ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.
RELEASE PRESSURE:	220 PSI INITIAL, 300 PSI FULL 3,000 PSI MAX. CONTINUOUS
SERVICE OVERRIDE SECTION: TORQUE RATING	6,200 LBIN (WET) @ 1000 PSI ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.
MAXIMUM INPUT PRESSURE:	1000 PSI
MAXIMUM SPEED:	4,000 RPM. HOWEVER, MAXIMUM SPEED AT TIME OF SERVICE APPLY IS DEPENDENT ON PRODUCT APPLICATION.
LINING MATERIAL:	METALLIC GRAPHITIC
APPROXIMATE WEIGHT:	44 LB.

**COOLING OIL RECOMMENDATIONS:**

<b>OIL TYPE:</b>	MINERAL BASE HYDRAULIC OIL SUCH AS MOBIL DTE 24, CITGO A/W 32 OR EQUIVALENT
<b>FLOW THRU CAPACITY:</b>	1.0 - 7.0 GPM
<b>MAXIMUM CASE PRESSURE:</b>	7 PSI
<b>SUMP OIL VOLUME:</b>	HORIZONTAL SHAFT: 4 FL. OZ. VERTICAL SHAFT: CONTACT FACTORY

**INCH  
(MILLIMETER)**

**MICO®**

North Mankato, Minnesota USA

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 1.000	TITLE 3PC-232380-CZ PRESSURE OVERRIDE BRAKE	SIZE B	DRAWING NUMBER 13-597-070	REV A
DWN RGS1 2013-08-14	APVD PROD ENGRG PJS 2013-08-21			
X NO X09-3185	APVD ENGRG RV 08-16-2013		CUSTOMER COPY	