



- 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 12-501-214
 4. BEARING REPAIR KIT P/N 12-501-094
 5. O-RING REPAIR KIT P/N 12-501-295
 6. SPRING REPAIR KIT P/N 12-501-294

SPECIFICATIONS:

TYPE: WET MULTIPLE DISC BRAKE. (WITH ONE WAY CLUTCH) SPRING APPLY, HYDRAULIC RELEASE.

TORQUE RATING: 2,200 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE

RELEASE PRESSURE: 100 PSI INITIAL, 130 PSI FULL

MAXIMUM OPERATING PRESSURE: 3,000 PSI

MAXIMUM SPEED: NON-FREE WHEELING DIRECTION: (FLOW THRU) 4,000 RPM (SUMP) 3,000 RPM
FREE WHEELING DIRECTION: (FLOW THRU & SUMP) 4,000 RPM

LINING MATERIAL: METALLIC GRAPHITIC

APPROXIMATE WEIGHT: 42 LB

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: 30 PSI

SUMP OIL VOLUME: 6 FL. OZ.

BRAKE IS DESIGNED FOR HORIZONTAL USE ONLY

CAUTION:

OILS CONTAINING SLIPPERY OR ANTI-WEAR ADDITIVES, SUCH AS GRAPHITE OR MOLYBDENUM DISULFIDE OR EXTREME PRESS (E.P) TYPE LUBRICANTS SHOULD NOT BE USED AS COOLING OIL. THESE LUBRICANTS MAY ALLOW THE BRAKE TO SLIP AT TORQUE LEVELS BELOW THE RATED VALUES.

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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mico[®]
North Mankato, Minnesota USA

SCALE 0.500	TITLE 3CWC-141422-CCW WINCH BRAKE	SIZE B	DRAWING NUMBER 13-602-042	REV A
DWR/GBS 2010-06-03	APVD PROD ENGR PJS 2010-06-17			
X NO 09-3374	APVD ENGR RV 2010-07-08		CUSTOMER COPY	