



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:	4,000 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE
RELEASE PRESSURE:	140 PSI INITIAL, 190 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

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: 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-041440-CCW WINCH BRAKE	SIZE B	DRAWING NUMBER 13-602-046	REV A
DWN RGS1 2010-08-20	APVD PROD ENGRG PJS 2010-08-30		CUSTOMER COPY	
X NO 10-4100	APVD ENGRG RV 2010-08-23			