



- NOTES:**
- USE MINERAL BASE HYDRAULIC OIL ONLY FOR BRAKE RELEASE.
 - DIMENSIONS WITHOUT TOLERANCE MAY VARY BETWEEN UNITS AND ARE FOR REFERENCE PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
 - LINING REPAIR KIT P/N 12-501-214
 - BEARING REPAIR KIT P/N 12-501-094
 - O-RING REPAIR KIT P/N 12-501-295
 - SPRING REPAIR KIT P/N 12-501-294

SPECIFICATIONS:

TYPE:	WET MULTIPLE DISC BRAKE. (WITH ONE WAY CLUTCH) SPRING APPLY, HYDRAULIC RELEASE.
TORQUE RATING:	8,000 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.
RELEASE PRESSURE:	270 PSI INITIAL, 370 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. THESE LUBRICANTS MAY ALLOW THE BRAKE TO SLIP AT TORQUE LEVELS BELOW THE RATED VALUES.

MICO
a WABCO company

SCALE 0.500	TITLE 3CWC-141480-K4CW WINCH BRAKE	SIZE B	DRAWING NUMBER 13-602-016	REV E
DWNSHYPO 2016-10-11	APVD PROD ENGRG MG 2017-01-03	B	13-602-016	E
X NO	APVD ENGRG RV 2016-10-12			

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.

MICO, INC. CLAIMS PROPRIETARY RIGHTS TO THE MATERIAL DISCLOSED IN THIS DOCUMENT. THIS DOCUMENT IS PROVIDED IN CONFIDENCE AND MAY NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICO, INC. COPYRIGHT MICO, INC. ALL RIGHTS RESERVED.