



NOTES:

- USE MINERAL BASE HYDRAULIC OIL ONLY FOR BRAKE RELEASE
- DIMENSIONS WITHOUT TOLERANCE MAY VARY SLIGHTLY BETWEEN UNITS AND ARE FOR REFERENCE PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES
- LINING REPAIR KIT P/N 12-501-343
- BEARING REPAIR KIT P/N 12-501-340
- O-RING REPAIR KIT P/N 12-501-339
- SPRING REPAIR KIT P/N 12-501-341
- RECOMMEND USING GRADE 8 BOLTS AND APPROPRIATE WASHERS FOR INSTALLATION. TO PREVENT BINDING, RUN THE BOLTS IN ALTERNATELY UNTIL SNUG. TORQUE GRADE 8 BOLTS TO 80-90 LBFT. USE SUITABLE LOCTITE ON THE BOLT THREADS.

SPECIFICATIONS:

TYPE: WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE. (WITH PRESSURE OVERRIDE)

FAILSAFE SECTION:
TORQUE RATING: WET 1,250 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE. ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES

RELEASE PRESSURE: 110 PSI INITIAL, 130 PSI FULL, 3,000 PSI MAXIMUM (CONTINUOUS)

SERVICE OVERRIDE SECTION:
TORQUE RATING: 3,400 LBIN (DRY) @ 1,000 PSI

MAXIMUM INPUT PRESSURE: 1,000 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: 32 LB

NOTE:
BRAKE MOUNTS TO MOTOR USING GRADE 8 BOLTS. BRAKE TO BE MOUNTED USING ALL AVAILABLE MOUNTING HOLES.

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: HORIZONTAL SHAFT: 3 FL. OZ. VERTICAL SHAFT: CONTACT FACTORY

**INCH
(MILLIMETER)**

MICO a WABCO company				
SCALE 0.500	TITLE 3PB-130619-MZ MULTIPLE DISC BRAKE	SIZE B	DRAWING NUMBER 13-592-046	REV B
DWNSHYPO 2016-12-21	APVD PROD ENGRG MG 2017-03-08			
X NO X08-2050	APVD ENGRG CL 2016-12-21		CUSTOMER COPY	1 1

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.