



- NOTES:**
1. USE MINERAL BASE HYDRAULIC OIL ONLY FOR BRAKE RELEASE
 2. 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.
 3. LINING REPAIR KIT P/N 12-501-342
 4. BEARING REPAIR KIT P/N 12-501-340
 5. O-RING REPAIR KIT P/N 12-501-339
 6. SPRING REPAIR KIT P/N 12-501-341
 7. 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.

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

SPECIFICATIONS:

TYPE:	DRY MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE. (WITH PRESSURE OVERRIDE)
FAILSAFE SECTION:	DRY 3,500 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE
TORQUE RATING:	ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES
RELEASE PRESSURE:	180 PSI INITIAL, 210 PSI FULL 3,000 PSI MAXIMUM (CONTINUOUS)
SERVICE OVERRIDE SECTION:	4,000 LBIN (DRY) @ 800 PSI
TORQUE RATING:	
MAXIMUM INPUT PRESSURE:	800 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

INCH
[MILLIMETER]

MICO
a WABCO company

SCALE	TITLE	3PB-130635-M		
0.500	MULTIPLE DISC BRAKE			
DWNSHYPO	APVD PROD ENGRG	SIZE	DRAWING NUMBER	REV
2016-12-21	MG 2017-03-06	B	13-592-002	G
X NO	APVD ENGRG		CUSTOMER COPY	1 1
X6427	CL 2016-12-21			

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.