



- 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 12-501-343
 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.

SPECIFICATIONS:

TYPE:	WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE. (WITH PRESSURE OVERRIDE)
FAILSAFE SECTION:	WET 2,600 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE
TORQUE RATING:	DRY 4,000 LBIN TORQUE FOR BRAKE RATING AND SPECIFICATIONS ONLY ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES
RELEASE PRESSURE:	200 PSI INITIAL, 240 PSI FULL 3,000 PSI MAXIMUM (CONTINUOUS)
SERVICE OVERRIDE SECTION:	
TORQUE RATING:	3,400 LBIN (WET) @ 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: 3 FL. OZ. VERTICAL: CONTACT FACTORY

INCH
[MILLIMETER]



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SCALE 0.500	TITLE 3PB-130640-MZ MULTIPLE DISC BRAKE	SIZE B	DRAWING NUMBER 13-592-024
DWNSHYPO 2016-12-21	APVD PROD ENGRG MG 2017-03-06	REV F	CUSTOMER COPY
X NO	APVD ENGRG CL 2016-12-21		