



**NOTES:**

- 1) FOR USE WITH MINERAL BASE HYDRAULIC OIL ONLY.
- 2) DIMENSIONS WITHOUT TOLERANCE 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 12-501-343
- 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.

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

**SPECIFICATIONS:**

TYPE:	WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE (WITH PRESSURE OVERRIDE.)
FAILSAFE SECTION:	
TORQUE RATING:	WET 3,500 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE DRY 5,200 LBIN (TORQUE FOR BRAKE RATING & SPECIFICATIONS ONLY) ACTUAL TORQUE MAY VARY UP TO 10% DUE TO MANUFACTURING TOLERANCES
RELEASE PRESSURE:	265 PSI INITIAL, 350 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

**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)**



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SCALE 0.500	TITLE 3PB-131352-MZ MULTIPLE DISC BRAKE	SIZE B	DRAWING NUMBER 13-592-048
DWNSHYPO 2016-12-22	APVD PROD ENGRG MG 2017-03-07	REV C	CUSTOMER COPY
X NO X08-2032-100	APVD ENGRG CL 2016-12-22		