



- NOTES:**
1. USE MINERAL BASE HYDRAULIC OIL ONLY FOR BRAKE RELEASE
 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.

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]**

SPECIFICATIONS:

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

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SCALE	TITLE	SIZE	DRAWING NUMBER
0.500	3PB-131340-MZ MULTIPLE DISC BRAKE	B	13-592-022
DWNSHYPO 2016-12-21	APVD PROD ENGRG MG 2017-03-06		REV E
X NO	APVD ENGRG CL 2016-12-21		CUSTOMER COPY

