



NOTES:

- FOR USE WITH MINERAL BASE HYDRAULIC OIL ONLY.
- DIMENSIONS WITHOUT TOLERANCE MAY VARY BETWEEN UNITS AND ARE FOR REFERENCES PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
- LINING REPAIR KIT P/N 12-501-004
- BEARING REPAIR KIT P/N 12-501-006
- O-RING REPAIR KIT P/N 12-501-002
- SPRING REPAIR KIT P/N 12-501-008
- 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.
- WHEN BRAKE IS MOUNTED TO A MOTOR, ALL AVAILABLE MOUNTING HOLES MUST BE USED.

SPECIFICATIONS:

TYPE:	WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE
TORQUE RATING:	1,600 LBIN STATIC (BREAKAWAY) TO 0 PSI BACK PRESSURE. ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.
RELEASE PRESSURE:	80 PSI INITIAL, 110 PSI FULL
MAXIMUM OPERATING PRESSURE:	3,000 PSI
MAXIMUM SPEED:	3,900 RPM.
LINING MATERIAL:	SINTERED BRONZE
APPROXIMATE WEIGHT:	40 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: 4 FL. OZ. VERTICAL: CONTACT FACTORY

INCH
[MILLIMETER]



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SCALE 0.500	TITLE MULTIPLE DISC BRAKE 3C-141424-CZ	SIZE B	REV C
DWN AA 2017-01-23	APVD PROD ENGRG MG 2017-02-13	DRAWING NUMBER 13-547-486	REV 3
X NO	APVD ENGRG CL 2017-02-14	CUSTOMER COPY	3*