



NOTES:

1. USE MINERAL BASE HYDRAULIC OIL ONLY FOR BRAKE RELEASE.
2. DIMENSIONS 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 12-501-321
4. BEARING REPAIR KIT P/N 12-501-322
5. O-RING REPAIR KIT P/N 12-501-323
6. SPRING REPAIR KIT P/N 12-501-324
7. BRAKE TO BE INSPECTED FOR DAMAGE TO INTERNAL PARTS AFTER EACH EMERGENCY DYNAMIC BRAKING EVENT PRIOR TO RETURNING TO NORMAL OPERATION.

SPECIFICATIONS:

TYPE: WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE. (WITH PRESSURE OVERRIDE)

FAILSAFE SECTION:
TORQUE RATING: 6,500 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE
INCREASE OF EMERGENCY, DYNAMIC TORQUE: 3600 LBIN (WET)
ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.

RELEASE PRESSURE: 270 PSI INITIAL, 370 PSI FULL
3,000 PSI MAX. CONTINUOUS

SERVICE OVERRIDE SECTION:
TORQUE RATING: 6,200 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: 44 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: 4 FL. OZ. VERTICAL SHAFT: CONTACT FACTORY

INCH
[MILLIMETER]



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SCALE 0.500	TITLE 3PC-141498-CZ PRESSURE OVERRIDE BRAKE	SIZE B	DRAWING NUMBER 13-597-022
DWN RGS1 2016-08-19	APVD PROD ENGRG MG 2016-11-01	REV E	CUSTOMER COPY
X NO	APVD ENGRG RV 2016-08-20		