

- 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. RECOMMENDED TORQUE FOR LOCK NUT IS 80 LBFT.
 4. LINING REPAIR KIT P/N 12-501-486
 5. BEARING REPAIR KIT P/N 12-501-487
 6. O-RING REPAIR KIT P/N 12-501-488
 7. SPRING REPAIR KIT P/N 12-501-489

SPECIFICATIONS:

TYPE: WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE

RELEASE PRESSURE: 270 PSI INITIAL, 325 PSI FULL
2000 PSI MAX. CONTINUOUS

TORQUE RATING: 18,000 LBN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE

RELEASE VOLUME: 2.0 IN³ MAX.

LINING MATERIAL: SINTERED BRONZE

MAXIMUM SPEED: 3,200 RPM

APPROX. WEIGHT: 92 LB

COOLING OIL RECOMMENDATIONS

OIL TYPE: MINERAL BASE HYDRAULIC OIL SUCH AS MOBIL DTE 24, (1TGO A/W 32 OR EQUIVALENT)

FLOW THRU CAPACITY: 3.8 - 26.5 L/min (1.0 TO 7.0 GPM)

MAXIMUM CASE PRESSURE: 1.03 BAR (15 PSI)

SUMP OIL VOLUME: HORIZONTAL SHAFT: 236.6 ml (8 FL. OZ.)
VERTICAL SHAFT: CONTACT FACTORY

NOTES: BRAKES ARE SHIPPED DRY AND CUSTOMER IS RESPONSIBLE FOR ADDING PROPER TYPE AND VOLUME OF COOLING OIL

NOTES:


DESIGNED FOR USE WITH 1.75 X 10 SPLINE AS INDICATED FOR: 6C, 7C & 8C SIZE MECHANICS/ROCKFORD DRIVELINES, 1350, 1410 & 1480 SERIES DANA/SPICER DRIVELINES

THE TYPE OF BRAKE APPLICATION, ITS TORQUE RATING ALONG WITH THE TORQUE CAPABILITY OF THE DRIVELINE COMPONENTS IS CRITICAL TO EACH APPLICATION, AND MUST BE SCRUTINIZED TO INSURE PROPER BRAKE TORQUE VERSUS DRIVELINE SIZE.

**INCH
(MILLIMETER)**

COMPONENT AND SYSTEM RECOMMENDATIONS MADE BY MICO, INC ARE BASED ON INFORMATION SUPPLIED BY POTENTIAL USER AND/OR SYSTEM DESIGNER. THE POTENTIAL USER AND/OR DESIGNER MUST MAKE FINAL ACCEPTANCE AND APPROVAL OF COMPONENTS AND SYSTEM AFTER TESTING PERFORMANCE ON AN ACTUAL APPLICATION FOR WHICH SYSTEM WAS DESIGNED.

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 North Mankato, Minnesota USA		SCALE	TITLE		
		0.500	DRIVELINE BRAKE		
DWN RBGS1	APVD PROD ENGRG	SIZE	DRAWING NUMBER	REV	
2010-12-17	PJS 2011-04-18	C	02-560-104	H 1	
X NO	APVD ENGRG		CUSTOMER COPY		
x7628	RV 2011-03-22				