



**NOTES:**

- FOR USE WITH MINERAL BASE HYDRAULIC OIL ONLY.
- DIMENSIONS MAY VARY BETWEEN UNITS AND ARE TO BE USED FOR REFERENCE PURPOSES ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
- THE TYPE OF BRAKE APPLICATION AND ITS TORQUE RATING ALONG WITH THE TORQUE CAPABILITY OF THE DRIVELINE COMPONENTS IS CRITICAL TO EACH APPLICATION, AND MUST BE SCRUTINIZED TO ENSURE PROPER BRAKE TORQUE VERSUS DRIVELINE AND VEHICLE SIZE.
- LINING REPAIR KIT P/N 12-501-486
- BEARING REPAIR KIT P/N 12-501-487
- O-RING REPAIR KIT P/N 12-501-488
- SPRING REPAIR KIT P/N 12-501-489

**SPECIFICATIONS:**

TYPE:	WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE.
RELEASE PRESSURE:	350 PSI INITIAL, 420 PSI FULL 2000 PSI MAX. CONTINUOUS
TORQUE RATING:	25,000 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE
RELEASE VOLUME:	2.0 IN <sup>3</sup> MAX
LINING MATERIAL:	SINTERED BRONZE
MAXIMUM SPEED:	3,200 RPM
APPROXIMATE WEIGHT:	90 LB

**COOLING OIL RECOMMENDATIONS**

<b>OIL TYPE:</b>	MINERAL BASE HYDRAULIC OIL SUCH AS MOBIL DTE 24. CITGO A/W 32 OR EQUIVALENT
<b>FLOW THRU CAPACITY:</b>	3.8 TO 26.5 L/min (1.0 TO 7.0 GPM)
<b>MAXIMUM CASE PRESSURE:</b>	1.03 BAR (15 PSI)
<b>SUMP OIL VOLUME:</b>	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

**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 0.500	TITLE DB-505025 DRIVELINE BRAKE	SIZE B	DRAWING NUMBER 02-560-110	REV B
DWN RGS1 2010-04-27	APVD PROD ENGRG PJS 2010-05-06		CUSTOMER COPY	1 2
X NO X06-1082	APVD ENGRG RV 2010-04-29			