



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.
- LINING REPAIR KIT P/N 12-501-497
- BEARING REPAIR KIT P/N 12-501-498
- O-RING REPAIR KIT P/N 12-501-499
- SPRING REPAIR KIT P/N 12-501-500
- 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

SPECIFICATIONS:

TYPE	WET MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE
RELEASE PRESSURE	260 PSI INITIAL, 350 PSI FULL 2000 PSI MAX. CONTINUOUS
TORQUE RATING	(WET) 12,000 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE
RELEASE VOLUME	2.0 IN ³ MAX
LINING MATERIAL	SINTERED BRONZE
MAXIMUM SPEED	3,200 RPM
APPROXIMATE WEIGHT	53 LB (APPROXIMATE)

INCH
(MILLIMETER)

COOLING OIL RECOMMENDATIONS

OIL TYPE: MINERAL BASE HYDRAULIC
OIL SUCH AS MOBIL DTE 24.
CITGO A/W 32 OR EQUIVALENT

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

MAXIMUM CASE PRESSURE: 1.03 BAR (15 PSI)

SUMP OIL VOLUME:
HORIZONTAL SHAFT: 177.4 mL (6 FL. OZ.)
VERTICAL SHAFT: CONTACT FACTORY

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



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.		MICO, INC CLAIMS PROPRIETARY RIGHTS TO THE MATERIAL DISCLOSED IN THIS DOCUMENT. THIS DOCUMENT IS PROVIDED IN CONFIDENCE AND MAY NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICO, INC. COPYRIGHT MICO, INC. ALL RIGHTS RESERVED.	
SCALE 0.500	TITLE COMPACT DRIVELINE BRAKE		
DWN RGS1 2010-07-01	APVD PROD ENGRG PJS 2010-07-09	SIZE B	DRAWING NUMBER 02-560-116
X NO 09-3256	APVD ENGRG RV 2010-07-02	REV A	CUSTOMER COPY