



NOTES:

1. USE MINERAL BASE HYDRAULIC OIL ONLY FOR BRAKE RELEASE.
2. DIMENSIONS WITHOUT TOLERANCES MAY VARY SLIGHTLY AND ARE FOR REFERENCES PURPOSE ONLY. MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
3. O-RING REPAIR KIT P/N 12-501-295
4. BEARING REPAIR KIT P/N 12-501-094
5. SPRING REPAIR KIT P/N 12-501-294
6. LINING REPAIR KIT P/N 12-501-371

SPECIFICATIONS:

TYPE:	WET MULTIPLE DISC BRAKE. (WITH ONE WAY CLUTCH) SPRING APPLY, HYDRAULIC RELEASE.
TORQUE RATING:	2,000 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES
RELEASE PRESSURE:	95 PSI INITIAL, 110 PSI FULL
MAXIMUM OPERATING PRESSURE:	3,000 PSI
MAXIMUM SPEED:	1,400 RPM.
LINING MATERIAL:	NON METALLIC
APPROXIMATE WEIGHT:	43 LB
MAXIMUM OPERATING TEMPERATURE:	270° F

INCH
(MILLIMETER)

COOLING OIL RECOMMENDATIONS

OIL TYPE:	DEXRON 3 AUTOMATIC TRANSMISSION FLUID
FLOW THRU CAPACITY:	1.0 - 7.0 GPM
MAXIMUM CASE PRESSURE:	30 PSI
SUMP OIL VOLUME:	6 FL. OZ.

BRAKE IS DESIGNED FOR HORIZONTAL USE ONLY

CAUTION:

OILS CONTAINING SLIPPERY OR ANTI-WEAR ADDITIVES, SUCH AS GRAPHITE OR MOLYBDENUM DISULFIDE, OR EXTREME PRESS. (E.P) TYPE LUBRICANTS SHOULD NOT BE USED AS COOLING OIL. THESE LUBRICANTS MAY ALLOW THE BRAKE TO SLIP AT TORQUE LEVELS BELOW THE RATED VALUES.

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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NOTE:
BRAKE MOUNTS TO MOTOR USING M12 SOCKET HEAD CAP SCREWS



SCALE 0.500	TITLE WINCH BRAKE	SIZE B	DRAWING NUMBER 13-602-028	REV H
DWN SHYPO 2016-10-26	APVD PROD ENGRG MG 2016-12-30		CUSTOMER COPY	2 2
X NO	APVD ENGRG RV 2016-10-26			