



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:	3,200 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE ACTUAL TORQUE MAY VARY BY UP 10% DUE MANUFACTURING TOLERANCES
RELEASE PRESSURE:	110 PSI INITIAL, 140 PSI FULL
MAXIMUM OPERATING PRESSURE:	3,000 PSI
MAXIMUM SPEED:	1,400 RPM.
LINING MATERIAL:	NON-METALLIC
APPROXIMATE WEIGHT:	44 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.

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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 13-602-040	REV B
DWN MG 2017-10-13	APVD PROD ENGRG ML 2018-09-14		CUSTOMER COPY	2 2
X NO 08-2094	APVD ENGRG CL 2018-08-04			