



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. REPAIR KIT P/N 12-501-485
4. BRAKE SURFACE COATING: BLACK SEMI GLOSS ACRYLIC PRIMER

SPECIFICATIONS:

TYPE:	DRY MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE
MAXIMUM SPEED:	4,000 RPM SHAFT SPEED CAPABILITY SPECIFIED IS FOR BRAKE IN RELEASED CONDITION. ENERGY ABSORPTION DURING APPLY CYCLE MUST BE CAREFULLY EXAMINED FOR EACH APPLICATION.
RELEASE PRESSURE:	310 PSI INITIAL, 380 PSI FULL, 3,000 PSI CONTINUOUS MAX. 4,000 PSI INTERMITTENT.
LINING MATERIAL:	HIGH PERFORMANCE COMPOSITE, NON-METALLIC BASED
TORQUE RATING:	5,000 LBIN STATIC (BREAKAWAY) AT 0 PSI 3,400 LBIN STATIC (BREAKAWAY) AT 100 PSI 0 LBIN STATIC (BREAKAWAY) AT 310 PSI
BRAKE DRAG:	DRAG TORQUE AT FULL RELEASE NOT TO EXCEED 35 LBIN
VOLUME OF OIL REQUIRED: TO RELEASE BRAKE	0.5 IN ³ MIN. & 0.9 IN ³ MAX.
APPROXIMATE WEIGHT:	24 LB
	• STATIC TORQUE MAY VARY ±10% FROM SPECIFIED VALUES DUE TO MANUFACTURING TOLERANCES.

INSTALLATION INFORMATION

1. THIS BRAKE IS DESIGNED TO MOUNT WITH CHAR-LYNN MOTOR CONTAINING AN INTERNAL CASE DRAIN.
2. IF THE MOTOR CASE DRAIN IS USED, THE DRAIN LINE MUST BE ROUTED SUCH THAT THE SPLINE AREA IS LUBRICATED AT ALL TIMES.
3. REFER TO THE MOTOR INSTALLATION INSTRUCTIONS FOR FURTHER INFORMATION.

CAUTION:
CASE PRESSURE BETWEEN THE MOTOR AND BRAKE MUST NOT EXCEED 150 PSI.

INCH
(MILLIMETER)

MICO North Mankato, Minnesota USA				
SCALE 0.500	TITLE COMPACT DESIGN GB-151250-L2 B-MOUNT MULTIPLE DISC BRAKE			REV E
DWNSHYPO 2015-08-25	APVD PROD ENGRG PJS 2015-09-28	SIZE B	DRAWING NUMBER 13-100-048	REV E
X NO	APVD ENGRG RV 2015-08-27	B	CUSTOMER COPY	3 2

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