DRAWING NUMBER 02-556-418 OR ECN NO N000656 -3.22 -[81.9] - 2X .75 [19.1] PORT LOCATION .370±.010 [9.40±.25] -.421±.005 [10.69±.12] —PART NUMBER AND DATE CODE STAMPED ON COVER IN THIS APPROXIMATE AREA 2X BRAKE RELEASE PORTS-#4 SAE 0-RING PORTS PER SAE J1926/1: 7/16-20 (1) PRESSURE PORT -2X 3.33 [84.6] MICO R.060±.005 OR 45° CHAM.-[1.52±.12] (1) BLEEDER PORT (120° APART) R.023^{+.007} -.008 -.58^{+.17} 1.00 [25.4] MIN. FULL SPLINE 30°\±1° (TYP.) Ø6.94 Ø3.999±.001 [176.3] [101.57±.02] (AS [AST) $\emptyset4.003+.002$ [101.68±.05] [19.5] 2X Ø.531±.005 ▼ THRU [13.49±.12] MOUNTING HOLES —.135±.005 X 45° [3.43±.12] R.025±.010 -[.64±.25] -30° INVOLUTE SPLINE-INTERNAL 13 TOOTH 16/32 PITCH FLAT ROOT, SIDE FIT, CLASS 7 PER ANSI B92. 1-1970 -2.875±.005 [73.03±.12] [23.9]

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 12-501-410

SPECIFICATIONS:

30° INVOLUTE SPLINE-EXTERNAL— 13 TOOTH 16/32 PITCH FLAT ROOT, SIDE FIT, CLASS 5 PER ANSI B92. 1-1970

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: 160 PSI INITIAL, 230 PSI FULL & 3,000 PSI MAX.

TORQUE RATING:

0.5 IN³ MIN. & 0.9 IN³ MAX.

2.900 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.

VOLUME OF OIL REQUIRED TO RELEASE BRAKE:

LINING MATERIAL: SINTERED BRONZE

APPROXIMATE WEIGHT: 23 LB

└─70 TOOTH SPEED SENSOR ROTOR 1.22 [30.9] SPEED SENSOR -3/8-18 NPS STRAIGHT PIPE SPEED SENSOR PORT

SECTION C-C

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 AND MAY NOT BE REPRODUCED OR DISCLOSED COMPONENTS AND SYSTEM AFTER TESTING PERFORMANCE ON | WITHOUT WRITTEN PERMISSION FROM MICO, INC. AN ACTUAL APPLICATION FOR WHICH SYSTEM WAS DESIGNED.

-2.29 -[58.1]

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-5.750±.010 [146.05±.25]

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	SCALE	TITLE IM	1B-1313	129-BS 70-3/8	
0	0.500 MULTIPLE DISC BRAKE				
E	DWN SHYPO		SIZE	DRAWING NUMBER	REV
D	2016-03-17	PJS 2016-04-11	_	02 557 740	
	X NO	APVD ENGRG	В	02-556-418	l H
١.		RV 2016-03-17		CUSTOMER COPY	2