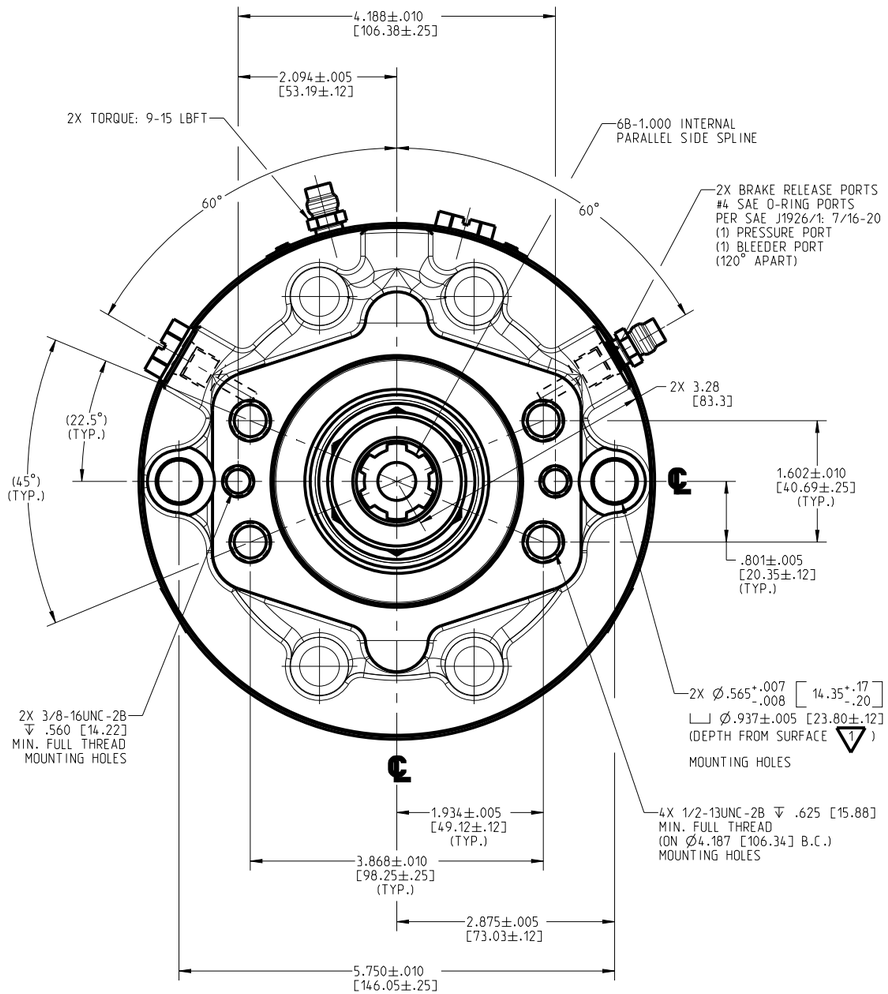
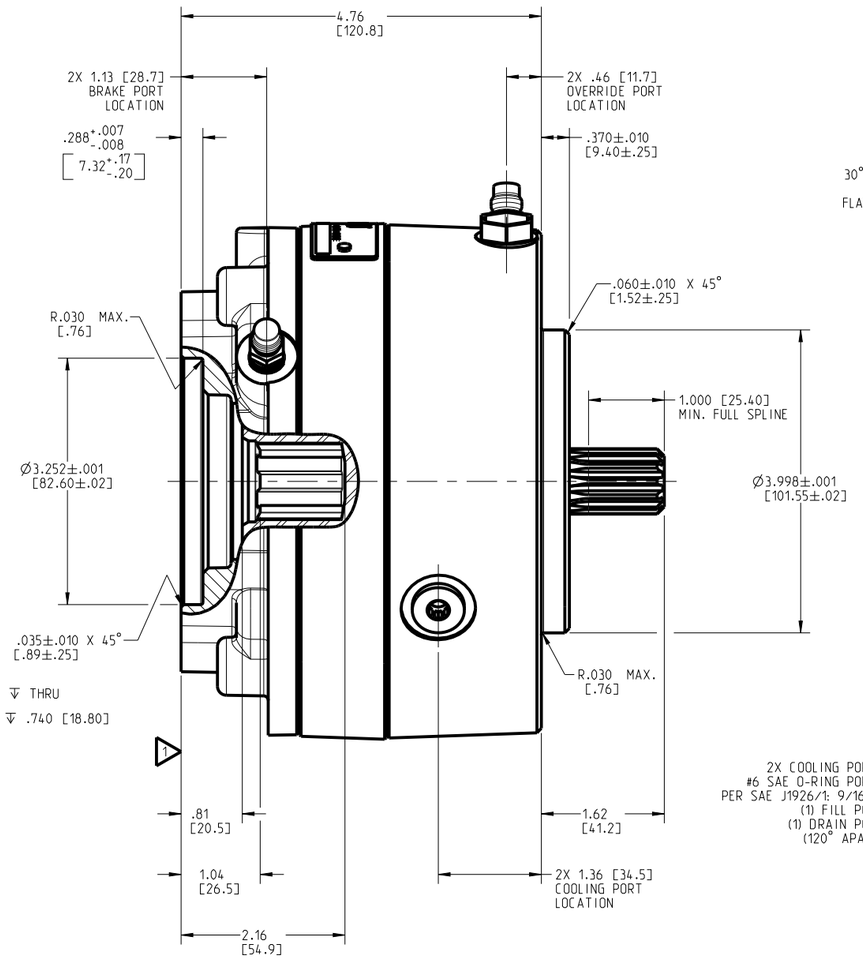
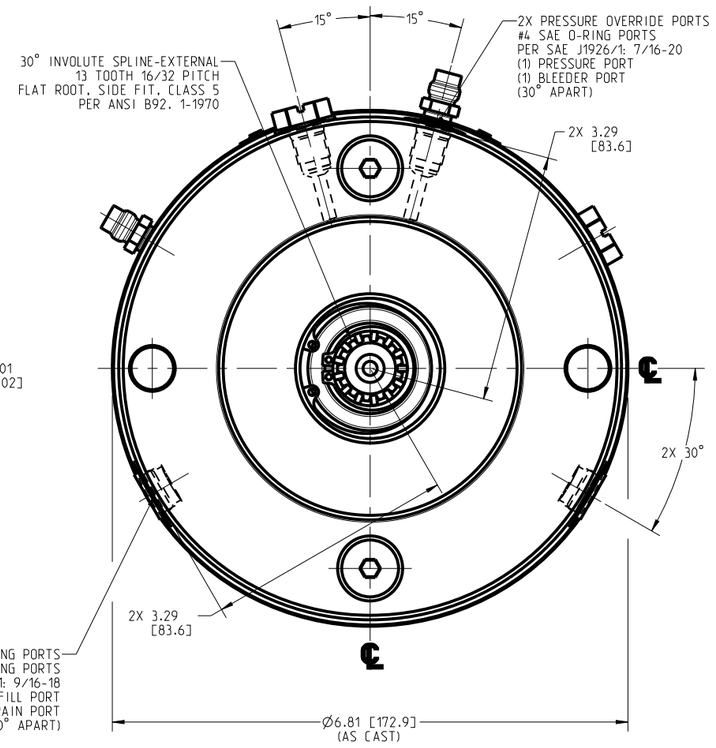
DRAWING NUMBER
13-592-046
NPI OR ECN NO
ECN000637







NOTES:

1. USE MINERAL BASE HYDRAULIC OIL ONLY FOR BRAKE RELEASE
2. DIMENSIONS WITHOUT TOLERANCE MAY VARY SLIGHTLY BETWEEN UNITS AND ARE FOR REFERENCE PURPOSES ONLY MILLIMETER VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES
3. LINING REPAIR KIT P/N 12-501-343
4. BEARING REPAIR KIT P/N 12-501-340
5. O-RING REPAIR KIT P/N 12-501-339
6. SPRING REPAIR KIT P/N 12-501-341
7. RECOMMEND USING GRADE 8 BOLTS AND APPROPRIATE WASHERS FOR INSTALLATION. TO PREVENT BINDING, RUN THE BOLTS IN ALTERNATELY UNTIL SNUG. TORQUE GRADE 8 BOLTS TO 80-90 LBFT. USE SUITABLE LOCTITE ON THE BOLT THREADS.

SPECIFICATIONS:

TYPE:	WET MULTIPLE DISC BRAKE. SPRING APPLY. HYDRAULIC RELEASE. (WITH PRESSURE OVERRIDE)
FAILSAFE SECTION:	
TORQUE RATING:	WET 1,250 LBIN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES
RELEASE PRESSURE:	110 PSI INITIAL, 130 PSI FULL 3,000 PSI MAXIMUM (CONTINUOUS)
SERVICE OVERRIDE SECTION:	
TORQUE RATING:	3,400 LBIN (DRY) @ 1,000 PSI
MAXIMUM INPUT PRESSURE:	1,000 PSI
MAXIMUM SPEED:	4,000 RPM. HOWEVER, MAXIMUM SPEED AT TIME OF SERVICE APPLY IS DEPENDENT ON PRODUCT APPLICATION
LINING MATERIAL:	METALLIC GRAPHITIC
APPROXIMATE WEIGHT:	32 LB

NOTE:
BRAKE MOUNTS TO MOTOR USING GRADE 8 BOLTS. BRAKE TO BE MOUNTED USING ALL AVAILABLE MOUNTING HOLES.

COOLING OIL RECOMMENDATIONS:

OIL TYPE:	MINERAL BASE HYDRAULIC OIL SUCH AS MOBIL DTE 24. CITGO A/W 32 OR EQUIVALENT
FLOW THRU CAPACITY:	1.0 - 7.0 GPM
MAXIMUM CASE PRESSURE:	30 PSI
SUMP OIL VOLUME:	HORIZONTAL SHAFT: 3 FL. OZ. VERTICAL SHAFT: CONTACT FACTORY

INCH
[MILLIMETER]

MICO®
a WABCO company

SCALE	TITLE			
0.500	3PB-130619-MZ MULTIPLE DISC BRAKE			
DWN SHYPO 2016-12-21	APVD PROD ENGRG MG 2017-03-08	SIZE	DRAWING NUMBER	REV
X NO X08-2050	APVD ENGRG CL 2016-12-21	B	13-592-046 CUSTOMER COPY	B 1 1

01-MAR-2016