NOTES :

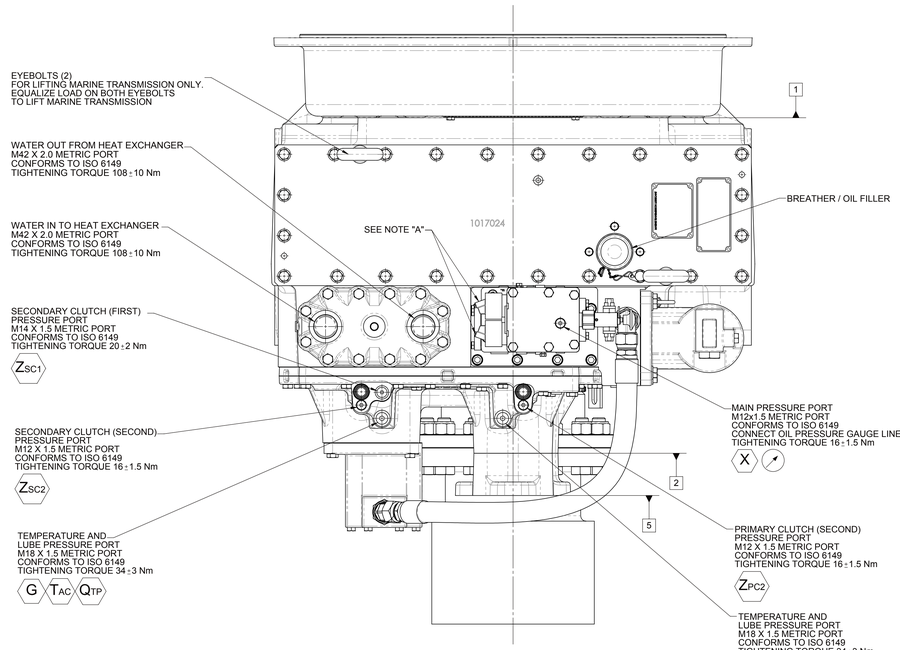
A. PROPORTIONAL CONTROL VALVE OPERATION
   1. WARNING DO NOT CONNECT VALVE COIL DIRECTLY TO BATTTERY / POWER SUPPLY VOLATAGE.
   2. OPERATION TO BE PERFORMED WITH ONLY TWIN DISC CONTROL SYSTEMS OR MODULES.

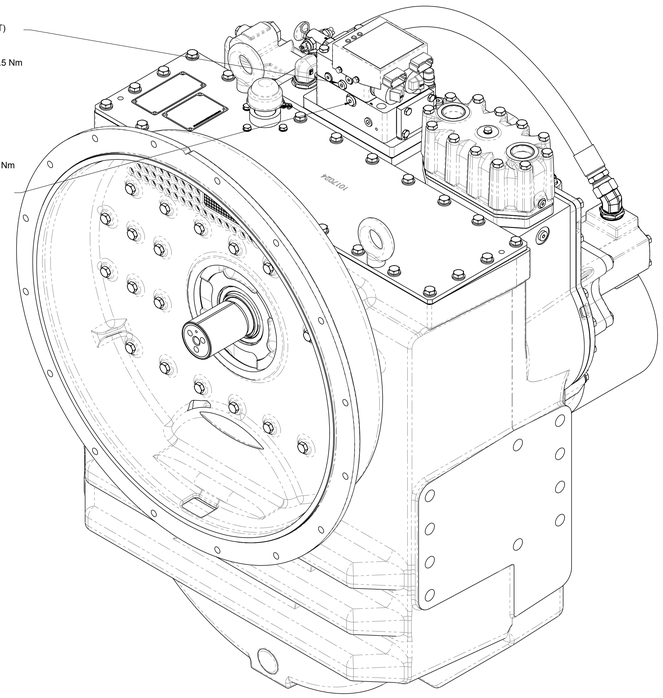
B. MANUAL DIRECTIONAL CONTROL VALVE OPERATION
   1. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION, PUSH TO ENGAGE PRIMARY CLUTCH.
   2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION, PULL TO ENGAGE SECONDARY CLUTCH.

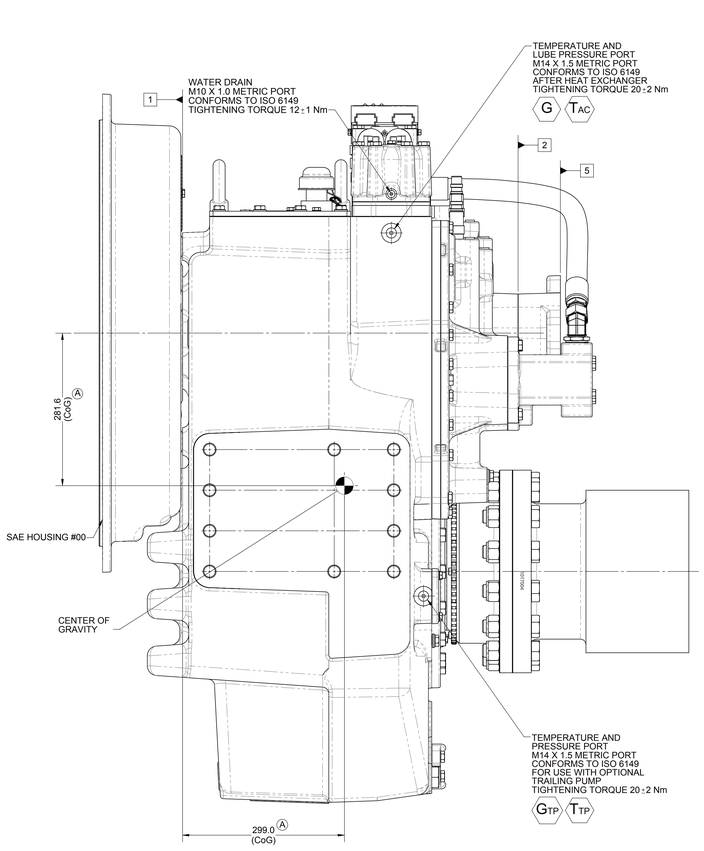
C. MANUAL DIRECTIONAL CONTROL VALVE MODE SWITCH
   1. SWITCH IS NORMALLY CLOSED WHEN MANUAL DIRECTIONAL CONTROL VALVE IS IN THE CENTERED POSITION AND OPEN WHEN LEVER IS ACTUATED FROM CENTERED POSITION.
   2. CURRENT = 20 AMPS MAX.
   3. FOR WIRING SCHEMATIC, REFER TO EC050 CONTROL MODULE DRAWING.

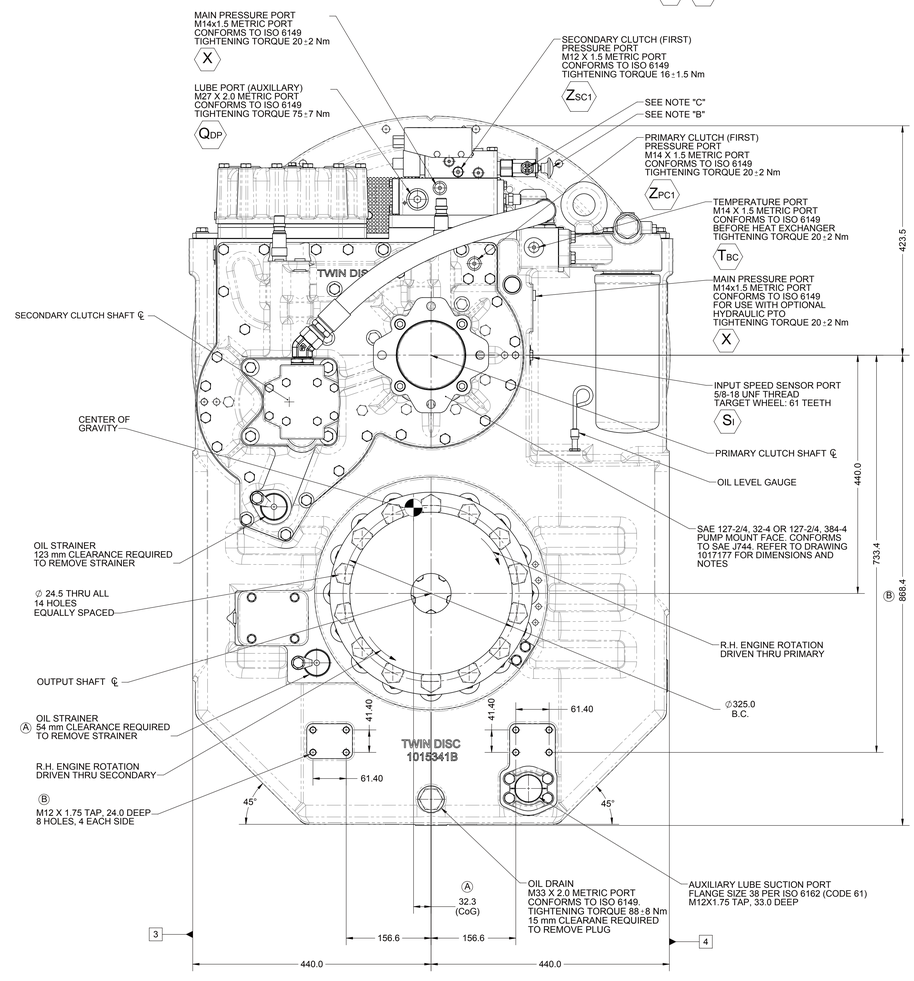
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

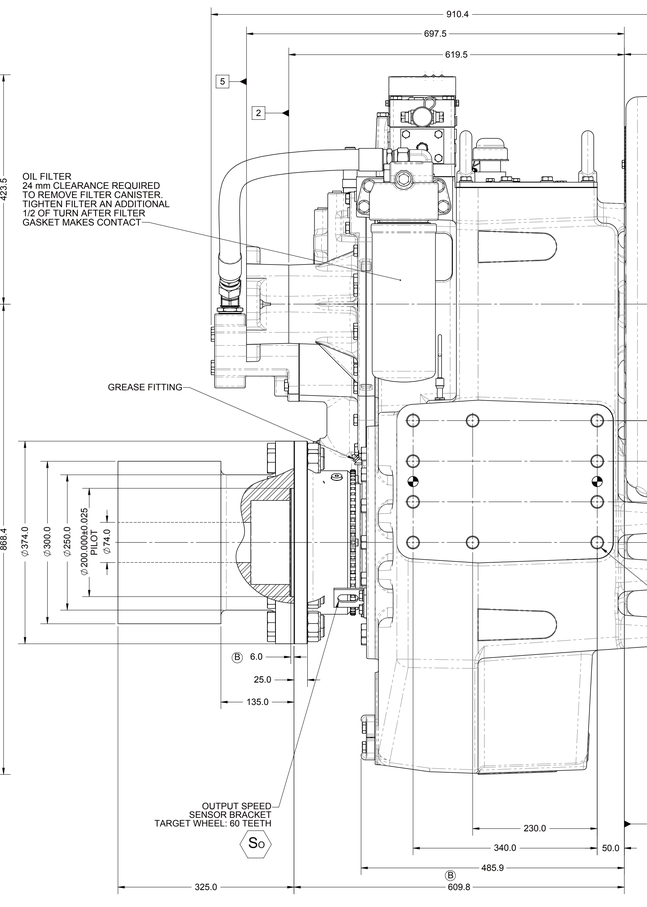
1	INPUT GROUP REFERENCE PLANE
2	PTO ADAPTER MOUNTING FACE
3	LEFT MOUNTING BRACKET FACE
4	RIGHT MOUNTING BRACKET FACE
5	LIVE PTO PUMP MOUNTING FACE











NOTE:

ALL POINTS AVAILABLE FOR TESTING ARE CODED

EQUIPMENT SHOWN:
- MGX-5321DC PER 1022203B ASSEMBLY A
- SAE#00 FRONT HOUSING
- GP VALVE WITH EC050 MODULE
- RAW WATER HEAT EXCHANGER
- 1017084 COMPANION FLANGE ASSEMBLY
- LIVE SAE J744 127-2/4, 32-4 OR 127-2/4, 38-4 PTO

REV	CHANGE NO	DATE
B	ECNWF-101878	11/17/2021

FIRST USE ASSEMBLY:	WEIGHT: 1830.76 lb	MATERIAL:	DATE: 4/1/2013
FIRST USE MODEL: MGX-5321DC	kg		SCALE: 1:4
SIMILAR TO:	VAC	HEAT TREAT:	DRAWN BY: MG
METRIC			CHECKED BY: ALC
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UNLESS OTHERWISE SPECIFIED
MACHINED DIMENSIONS
X.XX ±0.25
X.XXX ±0.127
ALL ANGULAR TOLERANCES ±1°
GEOMETRIC TOLERANCING
PER ASME Y14.5M 1994

THIRD ANGLE PROJECTION

TWIN DISC
RACINE, WI 53403 - USA

DWG SIZE:	SHEET:	REV:
A0	1 OF 1	B

1026064F

1026420W Rev. B

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