NOTES :

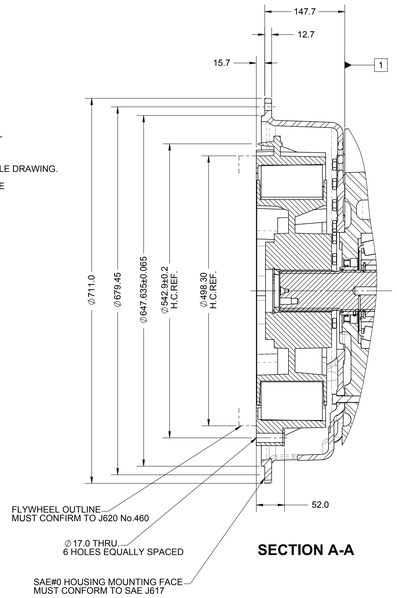
A. PROPORTIONAL CONTROL VALVE OPERATION
   1. WARNING DO NOT CONNECT VALVE COIL DIRECTLY TO BATTTERY / POWER SUPPLY VOLATAGE.
   2. OPERATION TO BE PERFORMED WITH ONLY TWIN DISC CONTROL SYSTEMS OR MODULES.

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.

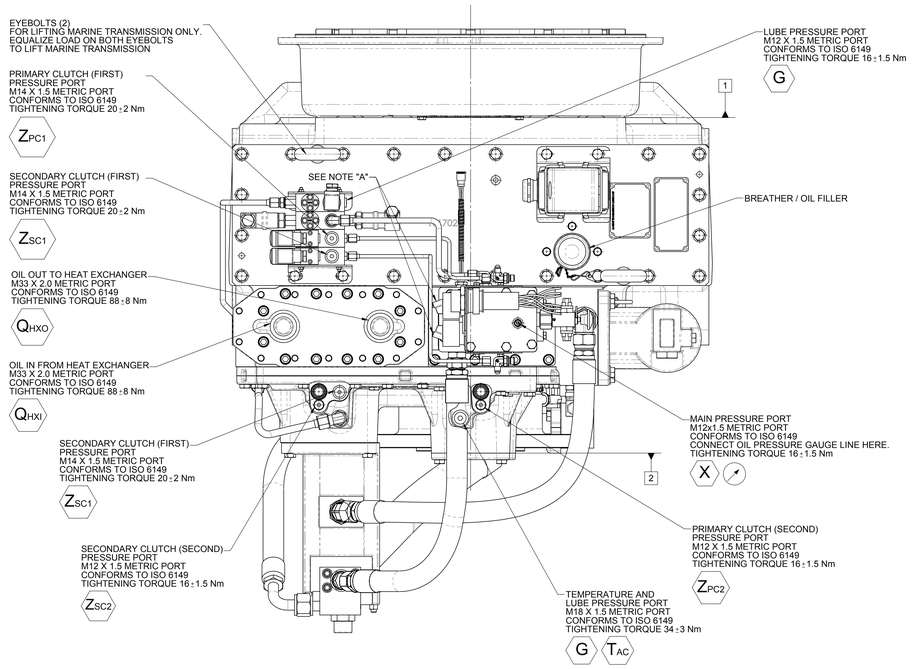
C. MANUAL DIRECTIONAL CONTROL VALVE MODE SWITCH
   1. SWITCH IS NORMALLY CLOSED WHEN MANUAL DIRECTIONAL CONTROL VALVE IS IN THE CENTERED POSITION AND OPEN WHEN LEVER IS ACTUATED FROM CENTERED POSITION.
   2. CURRENT = 20 AMPS MAX.
   3. FOR WIRING SCHEMATIC, REFER TO EC050 CONTROL MODULE DRAWING.

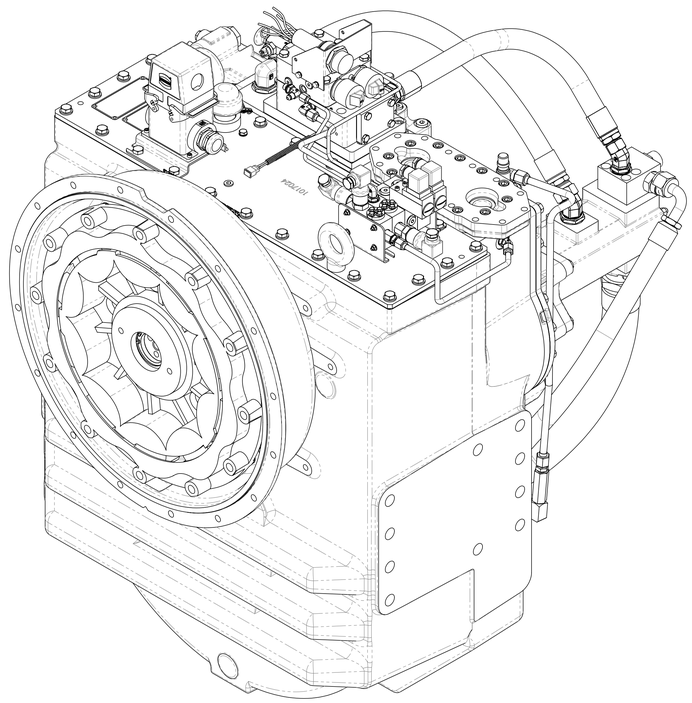
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

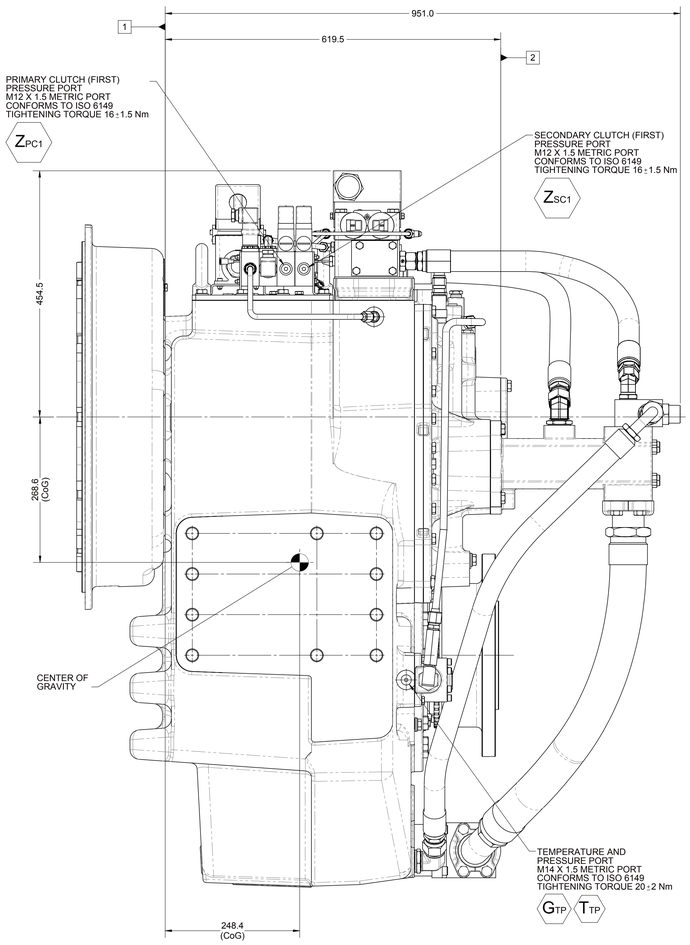
1 INPUT GROUP REFERENCE PLANE
2 PTO ADAPTER MOUNTING FACE
3 LEFT MOUNTING BRACKET FACE
4 RIGHT MOUNTING BRACKET FACE

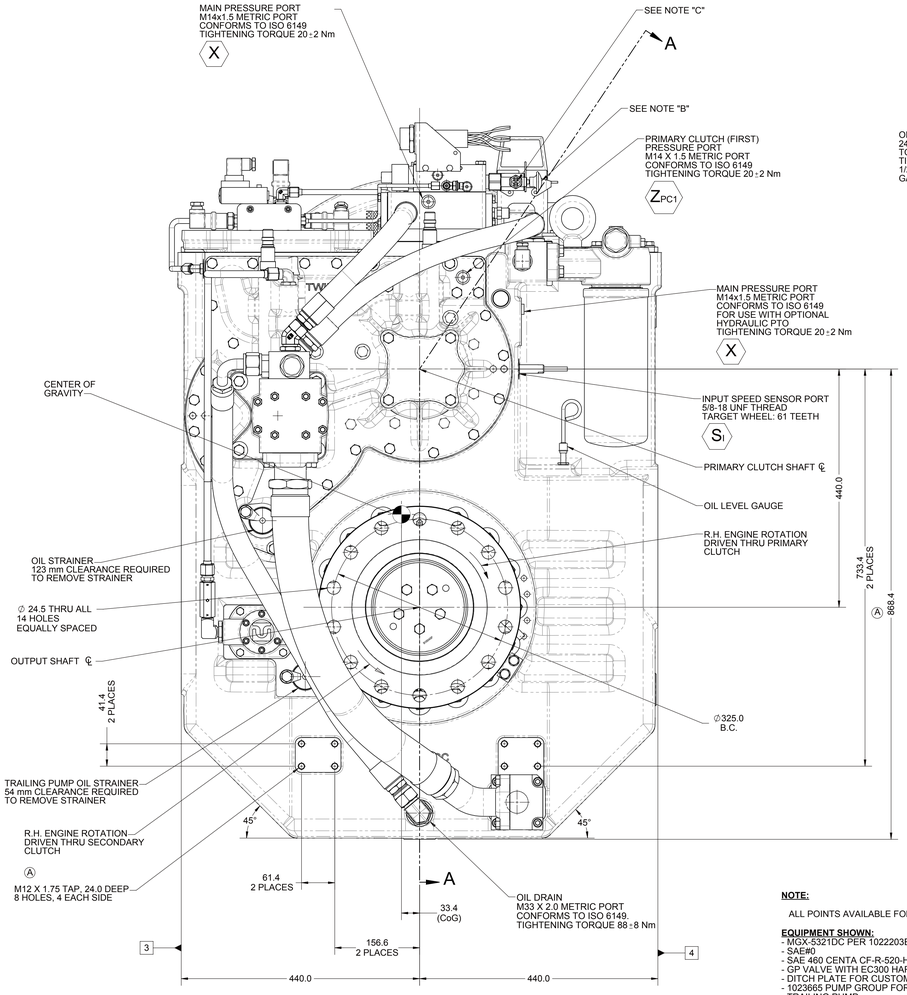


SECTION A-A





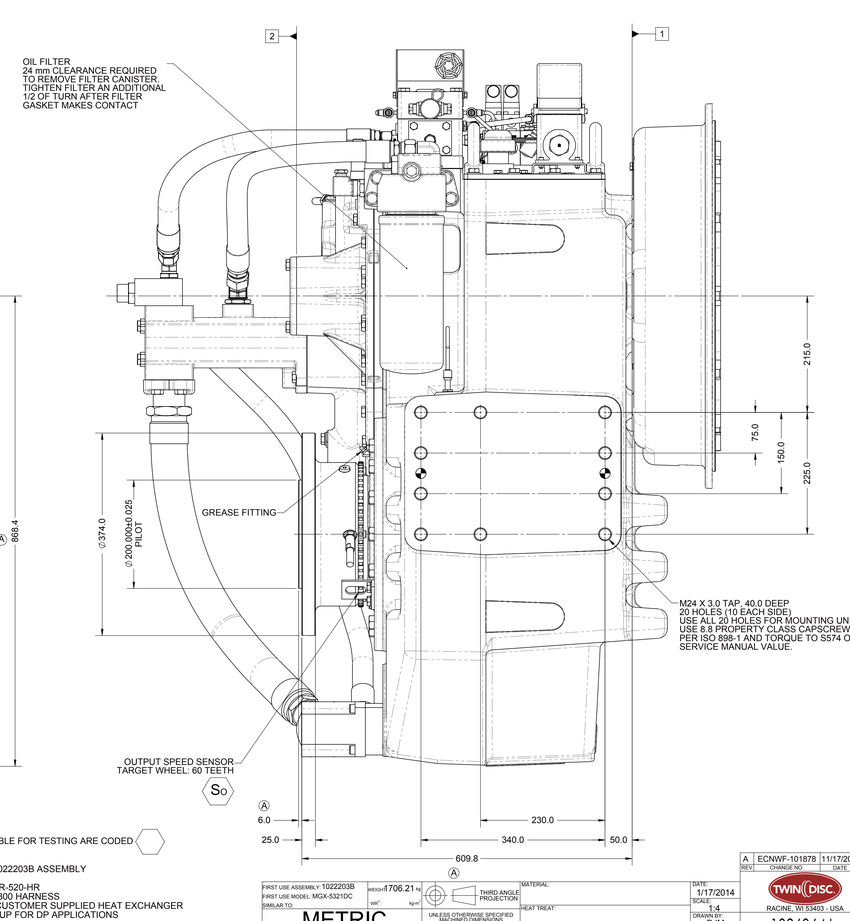




NOTE:

ALL POINTS AVAILABLE FOR TESTING ARE CODED ⬡

EQUIPMENT SHOWN:
- MGX-5321DC PER 1022203B ASSEMBLY
- SAE#0
- SAE 460 CENTA CF-R-520-HR
- GP VALVE WITH EC300 HARNESS
- DITCH PLATE FOR CUSTOMER SUPPLIED HEAT EXCHANGER
- 1023665 PUMP GROUP FOR DP APPLICATIONS
- TRAILING PUMP
- 1024843V BLUE VISION - NG ADVANCED MONITORING GROUP



REV.	CHANGE NO.	DATE
A	ECNWF-101878	11/17/2021

FIRST USE ASSEMBLY: 1022203B	WEIGHT: 1706.21 kg	MATERIAL:	DATE: 1/17/2014
FIRST USE MODEL: MGX-5321DC	VOLUME: kg-m³	THIRD ANGLE PROJECTION	SCALE: 1:4
SIMILAR TO:	METRIC	HEAT TREAT:	DRAWN BY: DJM
NOTICE: THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF TWIN DISC, INCORPORATED OTHER NOTICE IS NOT INTENDED TO FAILS OTHER LIMITED RIGHTS GRANTED TO THE U.S. GOVERNMENT OR OTHERS BY CONTRACT.	UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS X ±0.05 .XX ±0.25 .XXX ±0.010 ALL ANGULAR TOLERANCES ±1° GEOMETRIC TOLERANCING PER ASME Y14.5M 1994	DESCRIPTION: INSTALLATION MGX-5321DC	CHECKED BY: JMF
			APPROVED BY: ALC

TWIN DISC
RACINE, WI 53403 - USA

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

1026064J

1026420W Rev. B

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