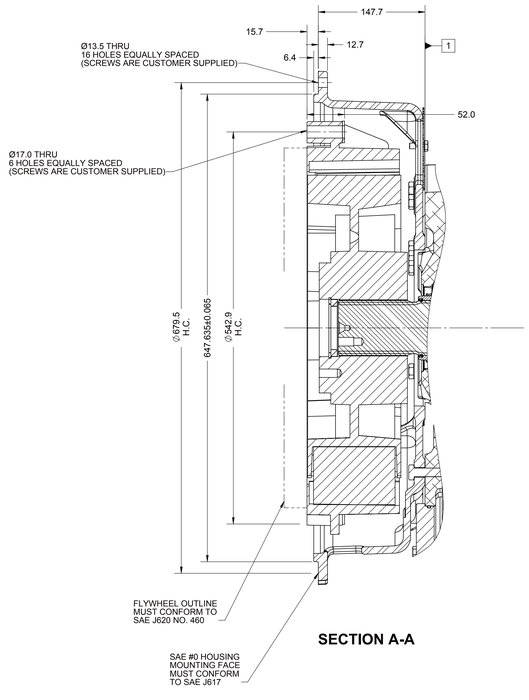
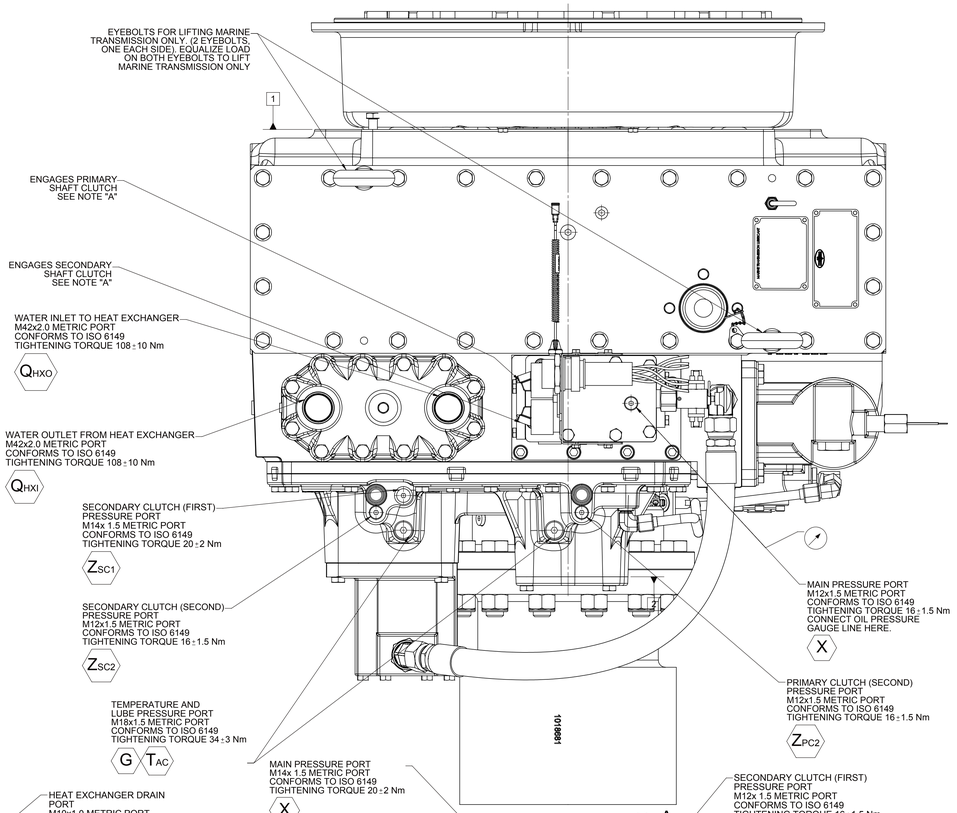


SECTION A-A



1 INPUT GROUP REFERENCE PLANE

2 PTO ADAPTER MOUNTING FACE

3 LEFT MOUNTING BRACKET FACE

4 RIGHT MOUNTING BRACKET FACE

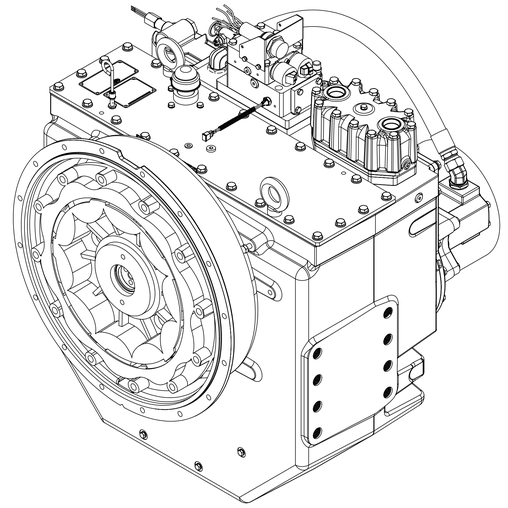
NOTES:

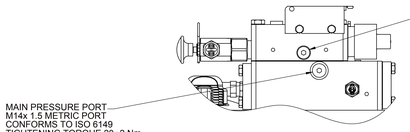
A. PROPORTIONAL CONTROL VALVE OPERATION
1. WARNING DO NOT CONNECT VALVE COIL DIRECTLY TO BATTERY/POWER SUPPLY VOLTAGE.
2. OPERATION TO BE PERFORMED WITH ONLY TWIN DISC CONTROL SYSTEMS OR MODULES.

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

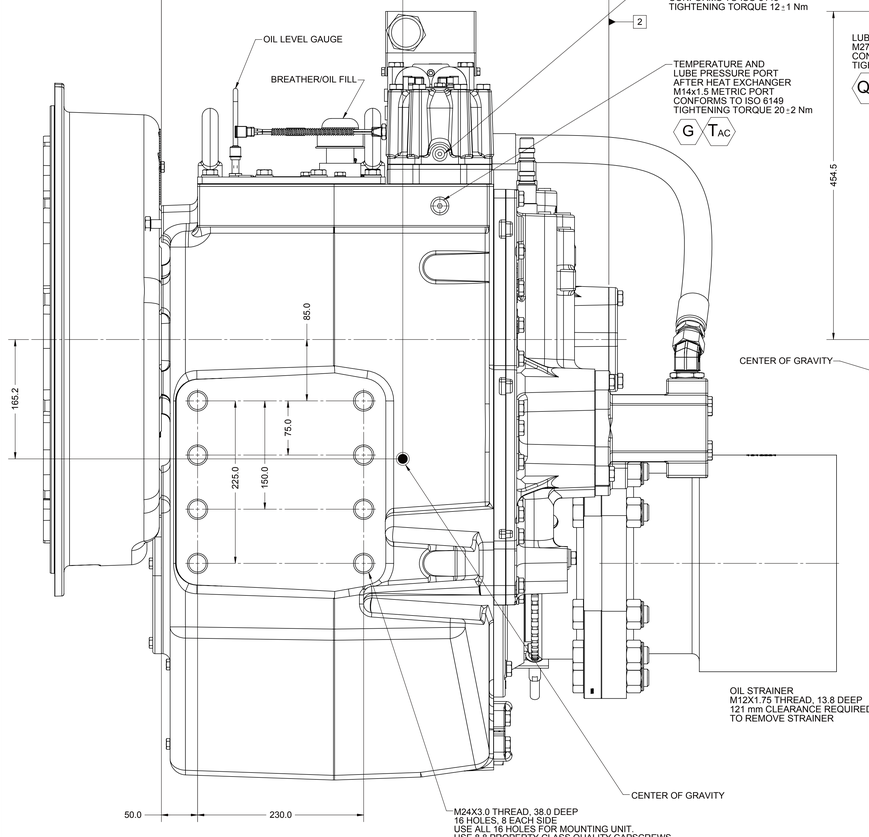
C. MANUAL DIRECTIONAL CONTROL VALVE MODE SWITCH
1. SWITCH IS NORMALLY CLOSED WHEN MANUAL DIRECTIONAL CONTROL VALVE IS IN THE CENTERED POSITION AND OPEN WHEN LEVER IS ACTUATED FROM CENTERED POSITION.
2. CURRENT = 20 AMP MAX.
3. FOR WIRING SCHEMATIC, REFER TO CONTROL MODULE DRAWING.

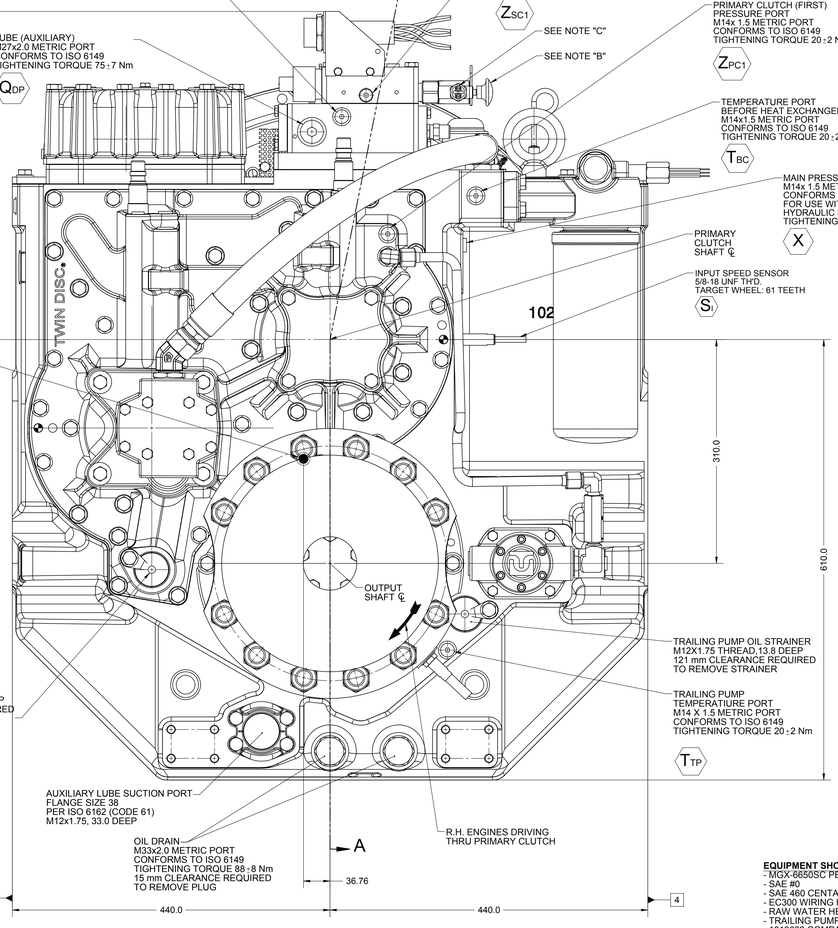
ALL POINTS AVAILABLE FOR TESTING ARE CODED

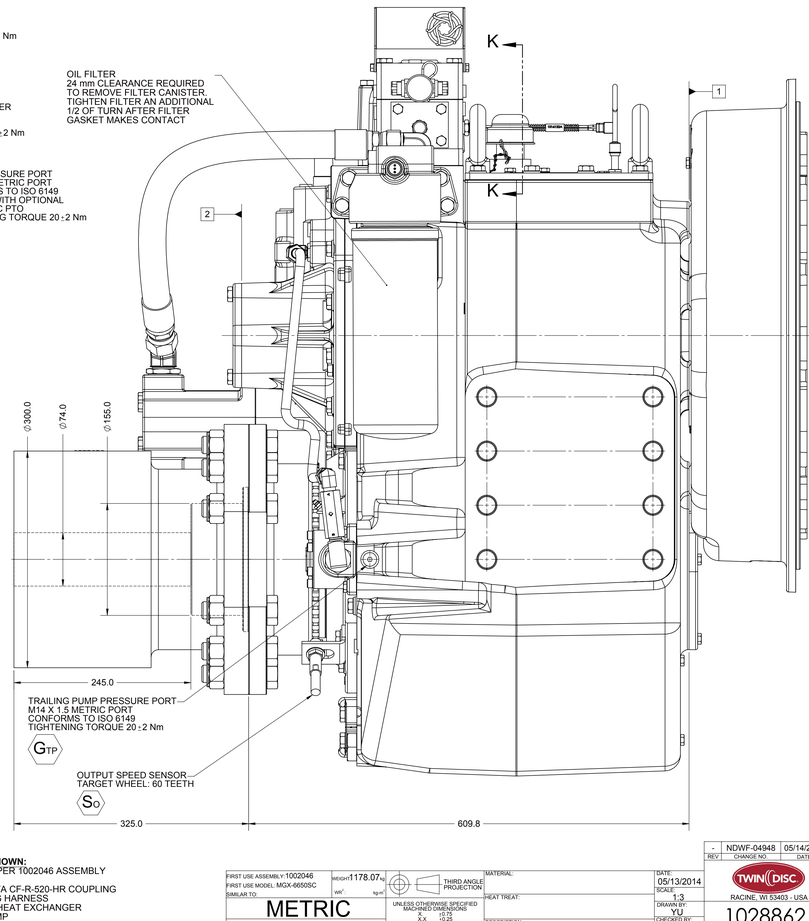




SECTION K-K







EQUIPMENT SHOWN:
- MGX-6650SC PER 1002046 ASSEMBLY
- SAE #0
- SAE 460 CENTA CF-R-520-HR COUPLING
- EC300 WIRING HARNESS
- RAW WATER HEAT EXCHANGER
- TRAILING PUMP
- 1018682 COMPANION FLANGE ASSEMBLY

REV.	CHANGE NO.	DATE
-	NDWF-04948	05/14/2014

FIRST USE ASSEMBLY: 1002046
FIRST USE MODEL: MGX-6650SC
SIMILAR TO:

METRIC

WEIGHT: 1178.07 kg
WR² kg-m²

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
MACHINED DIMENSIONS
.X ±0.5
.XX ±0.25
.XXX ±0.127
ALL ANGULAR TOLERANCES ±1°
GEOMETRIC TOLERANCING PER ASME Y14.5M 1994

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THIS NOTICE DOES NOT LIMIT ANY RIGHTS GRANTED TO THE U.S. GOVERNMENT OR OTHERS BY CONTRACT.

MATERIAL:
HEAT TREAT:
DESCRIPTION: INSTALLATION MGX-6650SC

DATE: 05/13/2014
SCALE: 1:3
DRAWN BY: YU
CHECKED BY: ALC
APPROVED BY: ALC

TWIN DISC
RACINE, WI 53403 - USA

1028862

DWG SIZE: A0 | SHEET: 1 OF 1 | REV: -

1025420W Rev -