NOTES :

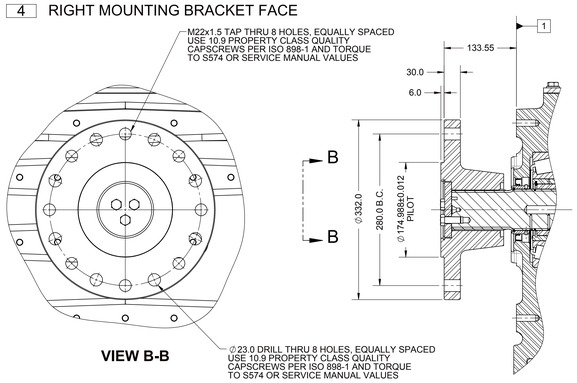
A. PROPORTIONAL CONTROL VALVE OPERATION
1. WARNING DO NOT CONNECT VALVE COIL DIRECTLY TO BATTTERY / POWER SUPPLY VOLATAGE.
2. OPERATION TO BE PERFORMED WITH ONLY TWIN DISC CONTROL SYSTEMS OR MODULES.

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.

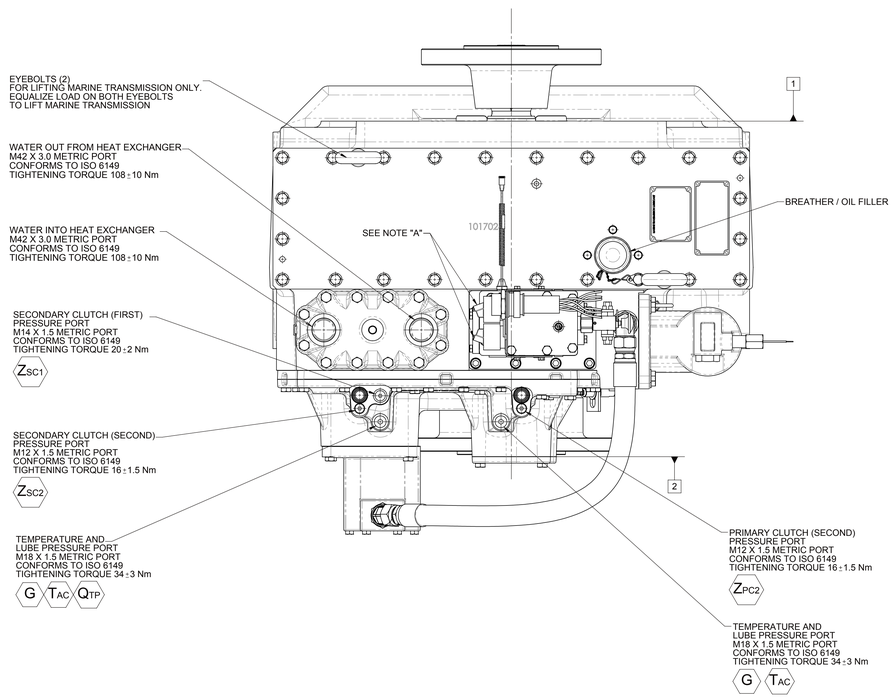
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

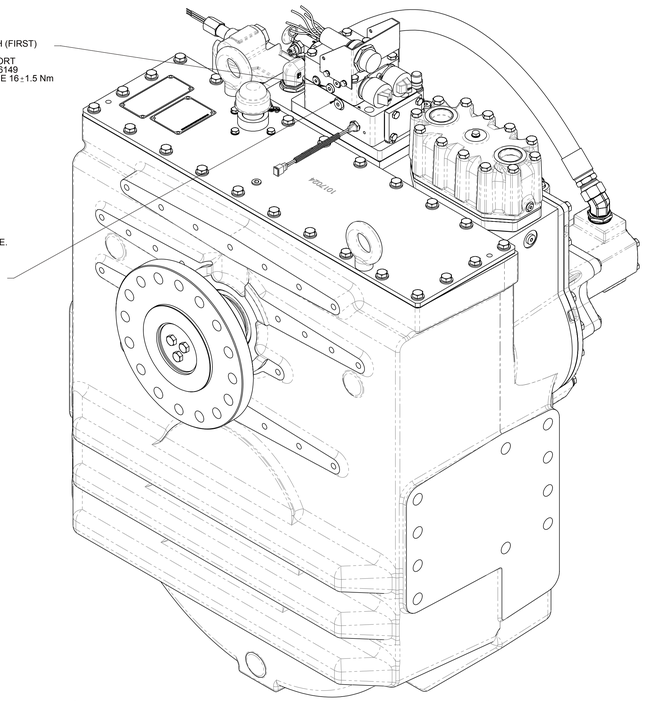
1 INPUT GROUP REFERENCE PLANE
2 PTO ADAPTER MOUNTING FACE
3 LEFT MOUNTING BRACKET FACE
4 RIGHT MOUNTING BRACKET FACE

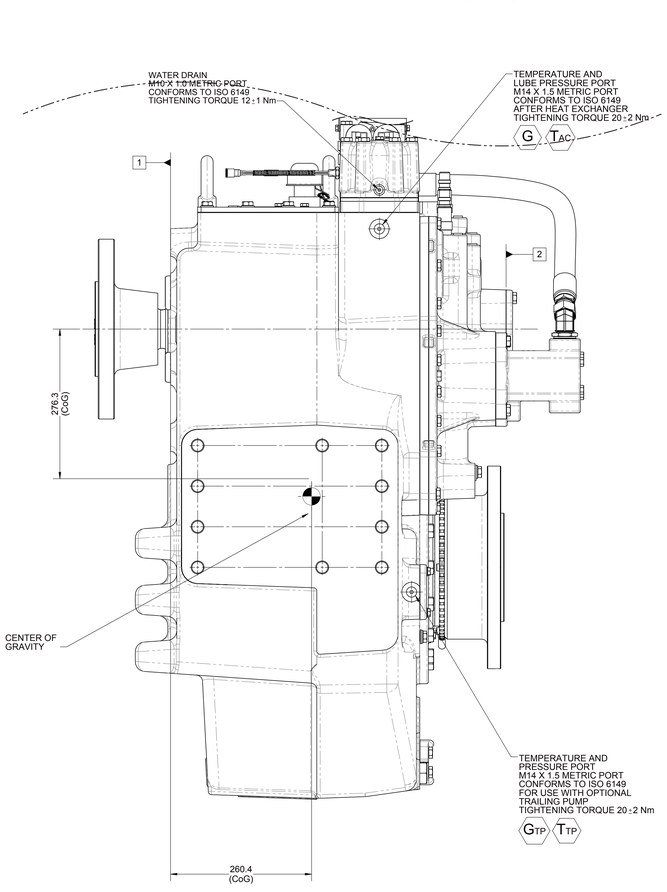


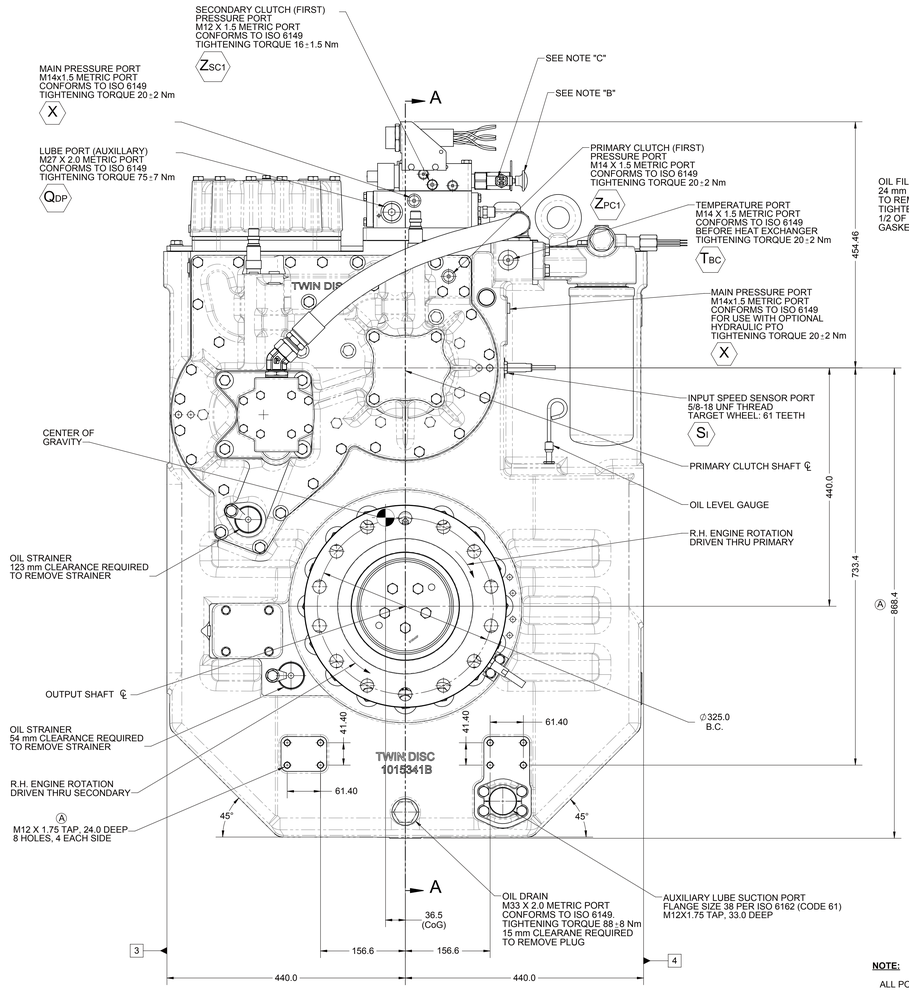
VIEW B-B

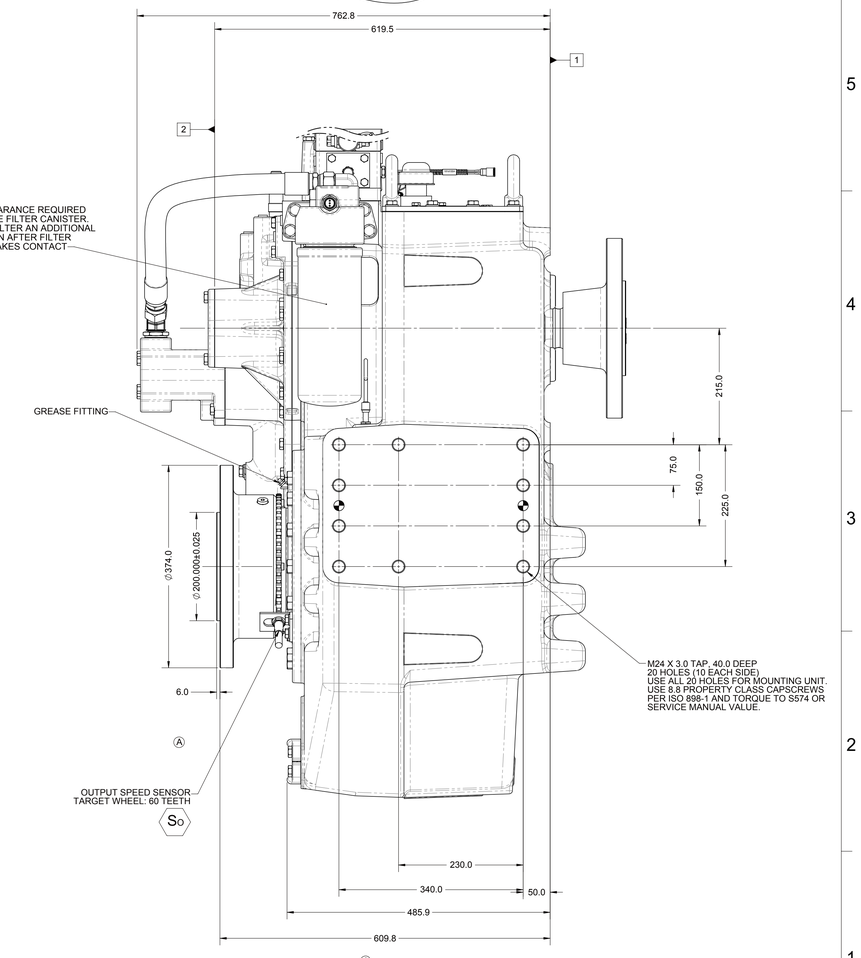
SECTION A-A











NOTE:

ALL POINTS AVAILABLE FOR TESTING ARE CODED

EQUIPMENT SHOWN:
- MGX-5321DC PER 1022203B ASSEMBLY
- 1017769 FREESTANDING INPUT HUB
- GP VALVE WITH EC300 HARNESS
- RAW WATER HEAT EXCHANGER

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

FIRST USE ASSEMBLY:
FIRST USE MODEL: MGX-5321DC
SIMILAR TO:
METRIC
WEIGHT: 1620.06 kg / lbs
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED
MACHINED DIMENSIONS
.X ±0.76
.XX ±0.25
.XXX ±0.127
ALL ANGULAR TOLERANCES ±1°
GEOMETRIC TOLERANCING
PER ASME Y14.5M 1994
MATERIAL:
HEAT TREAT:
DESCRIPTION:
INSTALLATION
MGX-5321DC
DATE: 6/27/2013
SCALE: 1:4
DRAWN BY: PM
CHECKED BY: ALC
APPROVED BY: ALC
DWG SIZE: A0
SHEET: 1 OF 1
REV: A
TWIN DISC
RACINE, WI 53403 - USA
1026064H

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