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

Ø13.5 THRU
16 HOLES EQUALLY SPACED
USE 8.8 PROPERTY CLASS QUALITY CAPSCREWS PER ISO 898-1 AND TORQUE TO S574 OR SERVICE MANUAL VALUES.
(SCREWS ARE CUSTOMER SUPPLIED)

## 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 SYSTEM MODULES

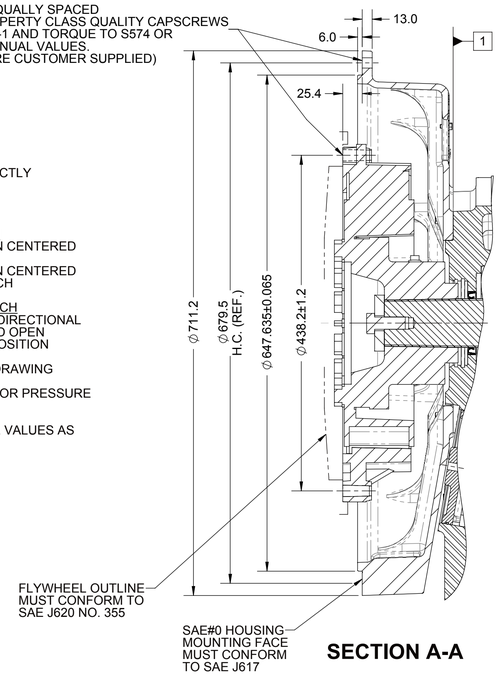
B. MANUAL DIRECTIONAL CONTROL VALVE OPERATION
1. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PUSH TO ENGAGE PRIMARY CLUTCH
2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PULL TO ENGAGE SECONDARY CLUTCH

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

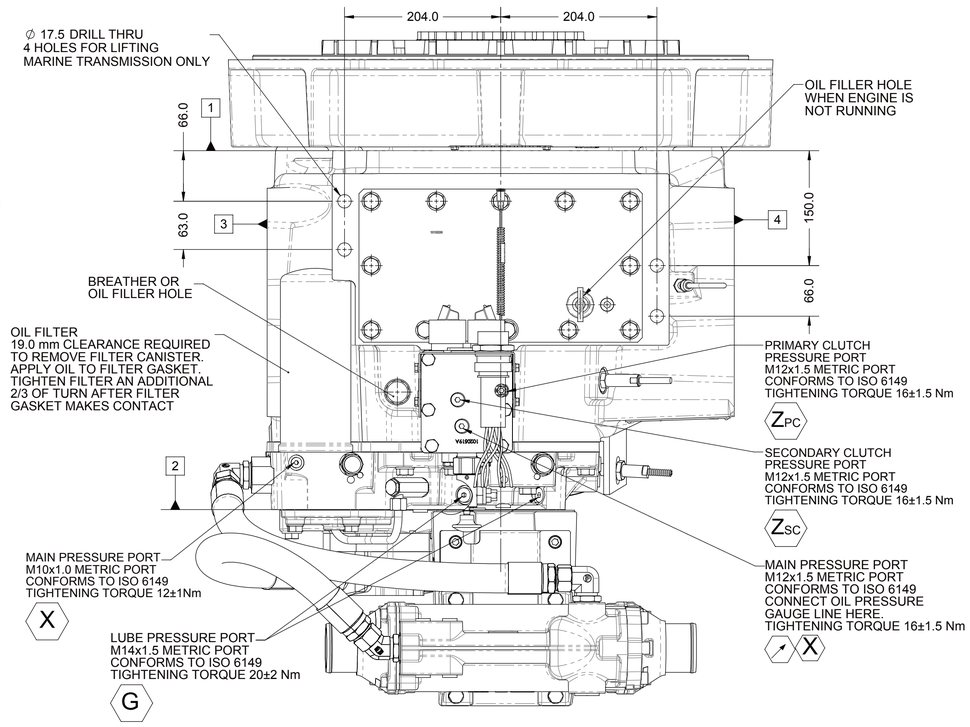
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

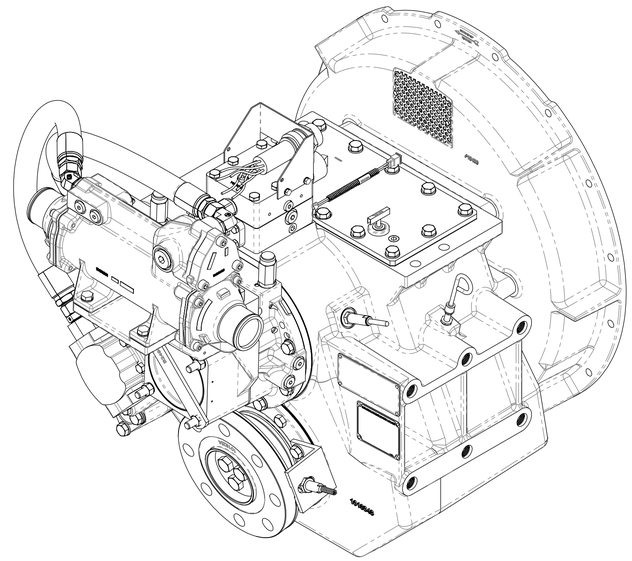
E. UNLESS OTHERWISE SPECIFIED FASTENER TORQUE VALUES AS PER S574 STANDARD.

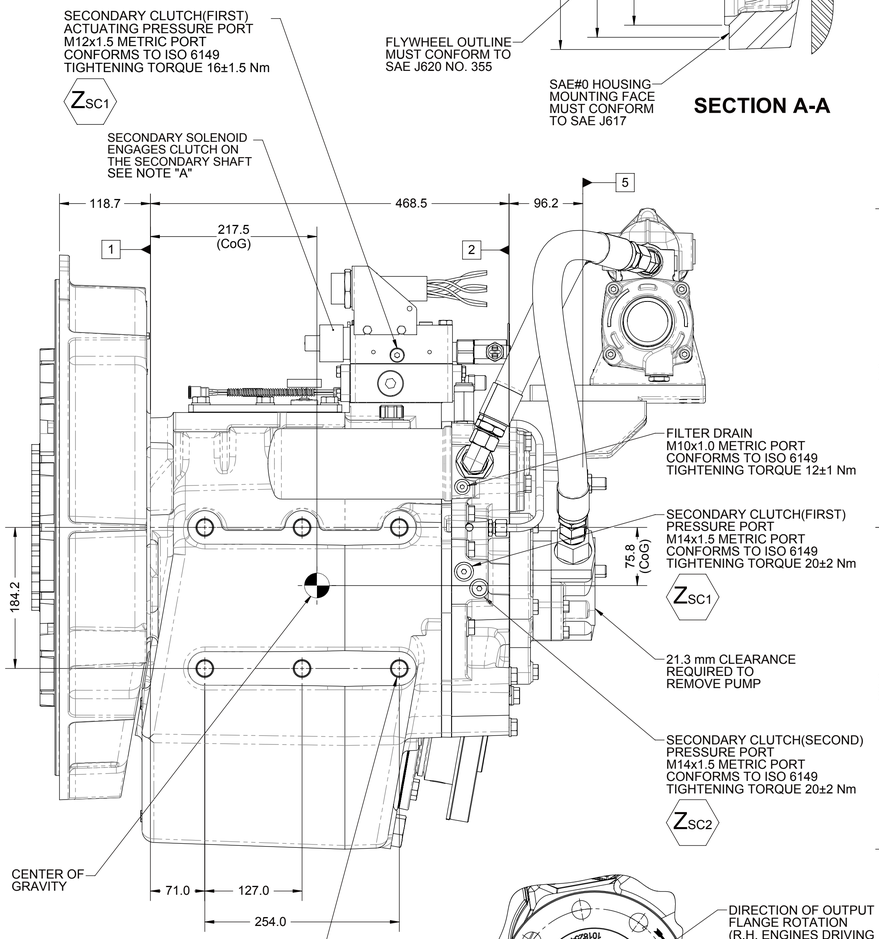
F. ALL POINTS AVAILABLE FOR TESTING CODED ⬡

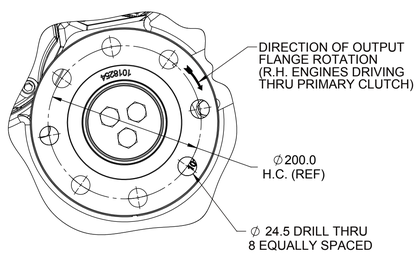



**SECTION A-A**

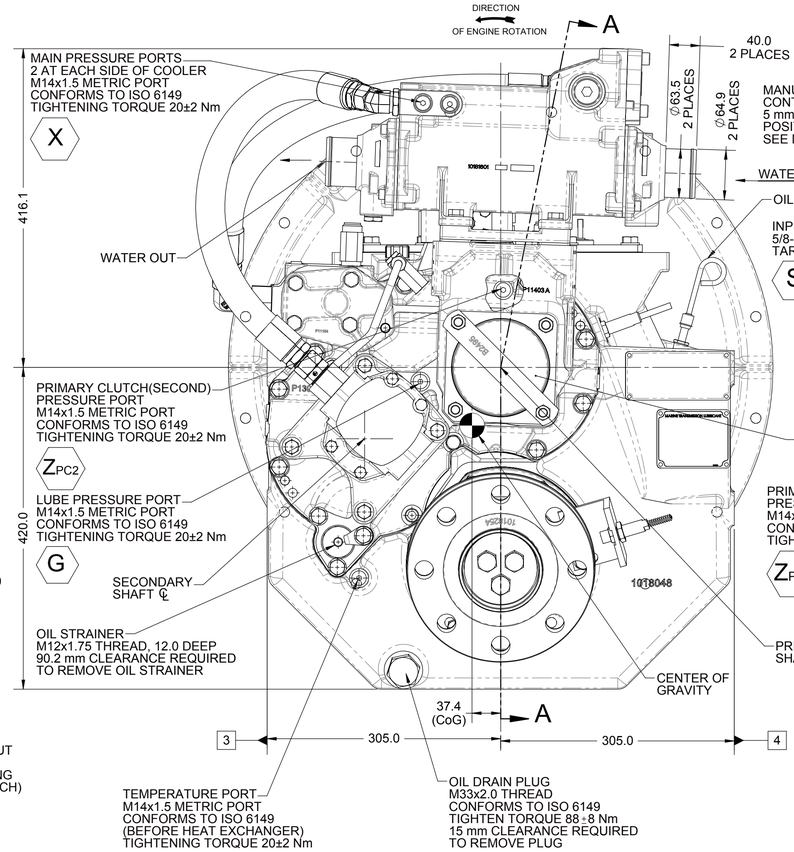


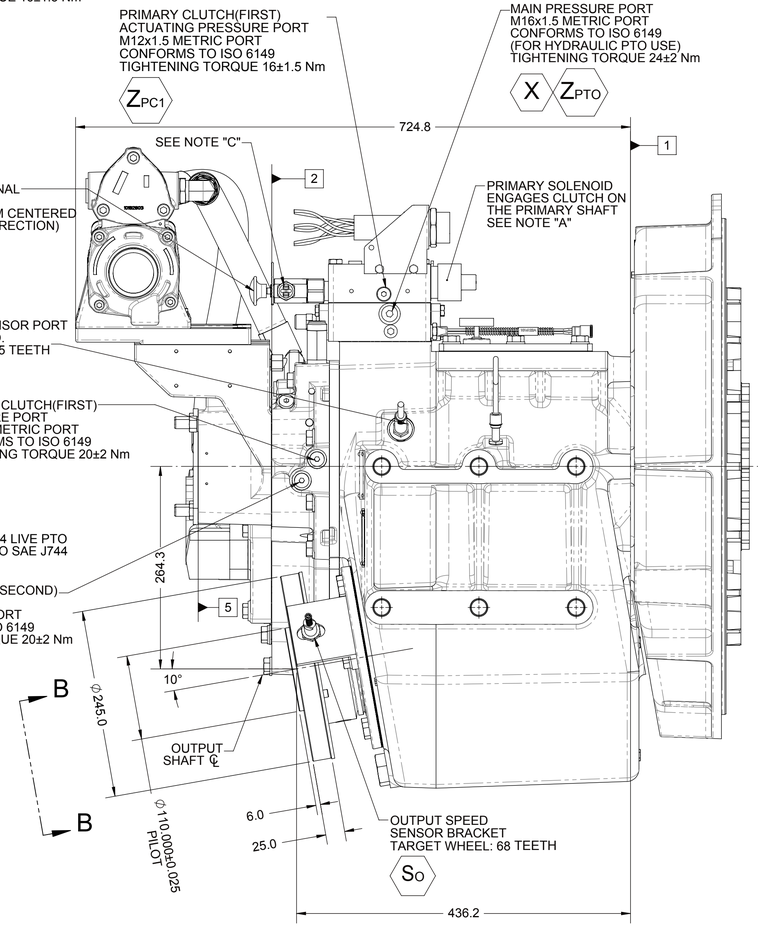






**VIEW B-B**




## EQUIPMENT SHOWN:

- MGX-5146A PER 1027596 ASSEMBLY
- SAE #0 PER SAE J617
- SAE 355 CF-RF-318-HR
- GP VALVE W/ EC300 ADAPTER HARNESS
- PM13008A MOUNTED HEAT EXCHANGER
- LIVE SAE 127-4 PTO HOUSING ADAPTER FOR MTD. H.E.
- 32-4 LIVE PTO ADAPTER

| | | | |
|---|---|---|---|
| FIRST USE ASSEMBLY: | WEIGHT: 380 kg | MATERIAL: | DATE: 05/30/2017 |
| FIRST USE MODEL: | WR²: kg-m² | THIRD ANGLE PROJECTION | SCALE: 1:4 |
| SIMILAR TO: | METRIC | HEAT TREAT: | DRAWN BY: ES |
| NOTICE! THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF TWIN DISC, INCORPORATED. THIS NOTICE IS NOT INTENDED TO NULLIFY OR LIMIT RIGHTS GRANTED TO THE U.S. GOVERNMENT OR OTHERS BY CONTRACT. | UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS X. ±0.75, X.X ±0.25, X.XX ±0.13, ALL ANGULAR TOLERANCES ±1° GEOMETRIC TOLERANCING PER ASME Y14.5M 1994 | DESCRIPTION: INSTALLATION MGX-5146A | CHECKED BY: JMF |
| | | | APPROVED BY: JMF |

| REV | CHANGE NO. | DATE |
|---|---|---|
| - | NDWF-07366 | 06/12/2017 |

TWIN DISC
RACINE, WI 53403 - USA

1027597D

DWG SIZE: A1 | SHEET: 1 OF 1 | REV: -

1025420W Rev. A