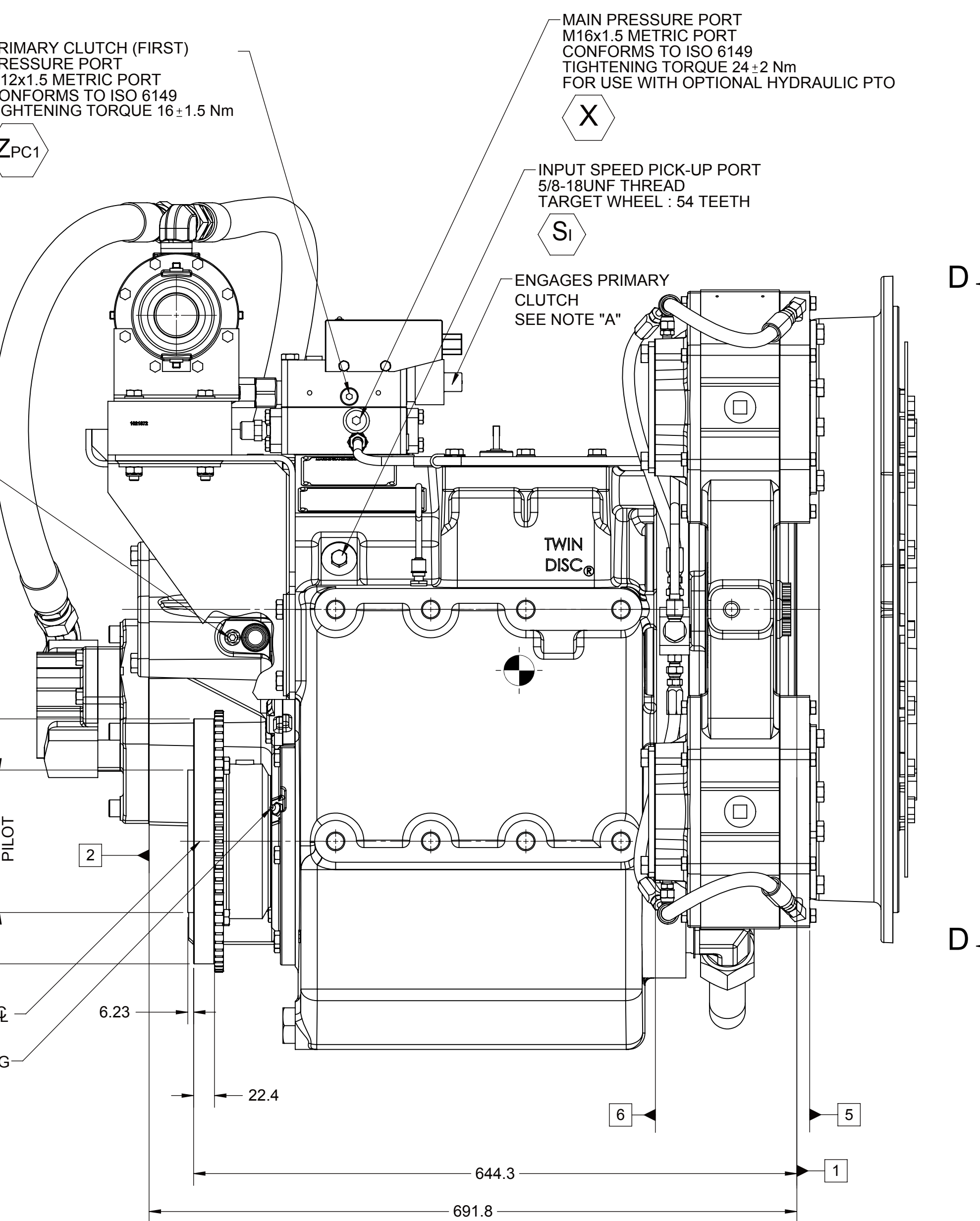
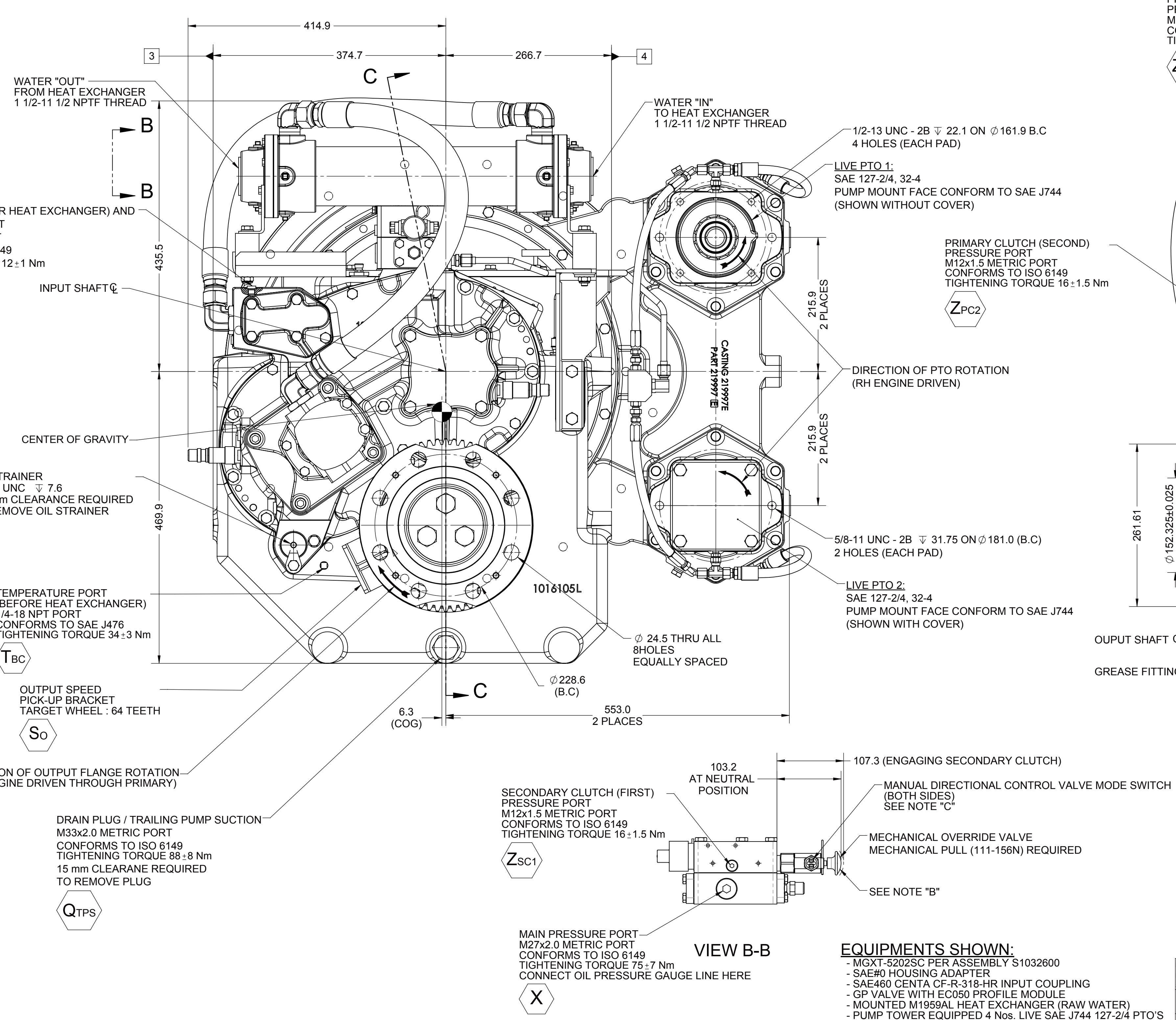
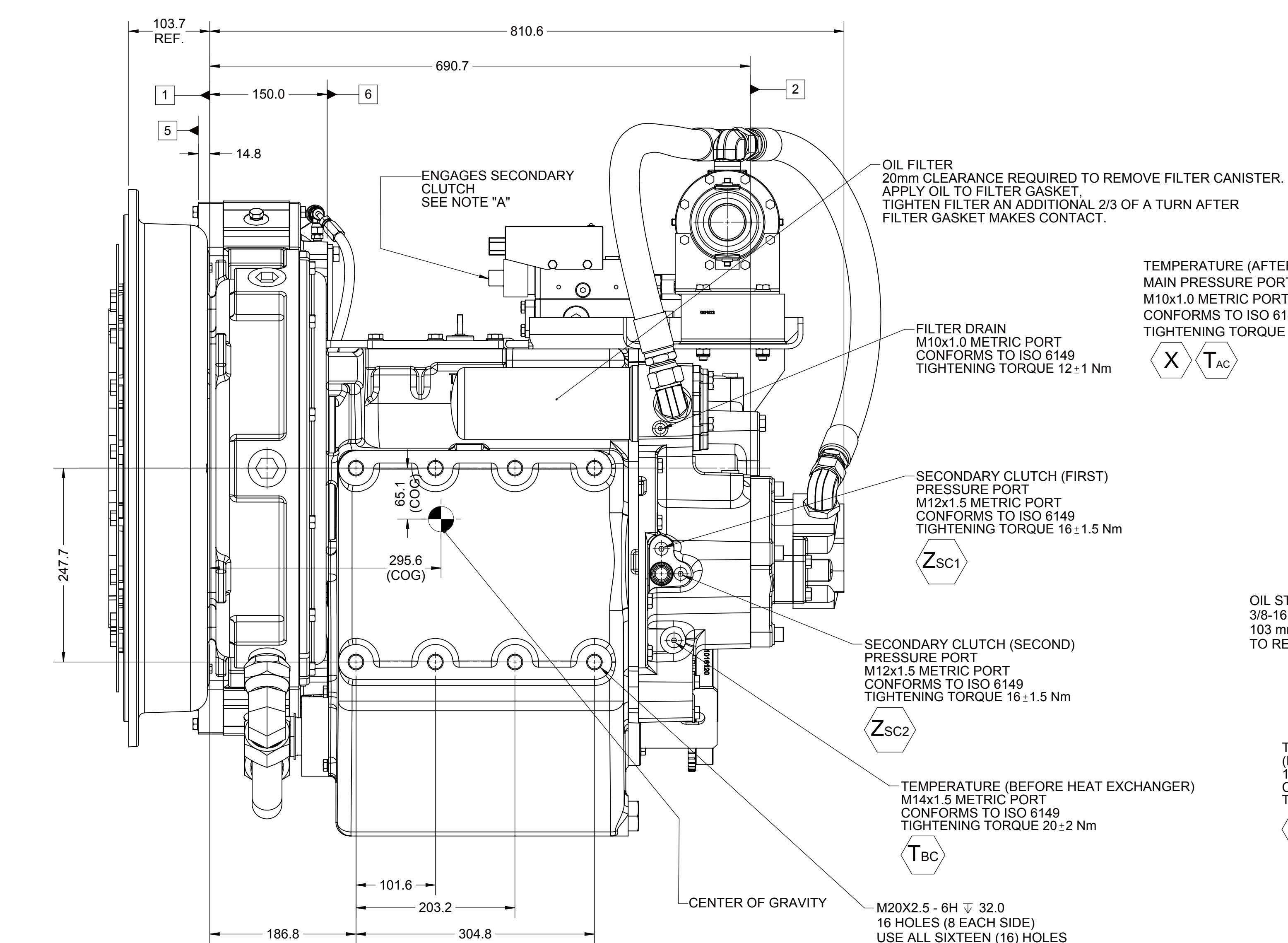
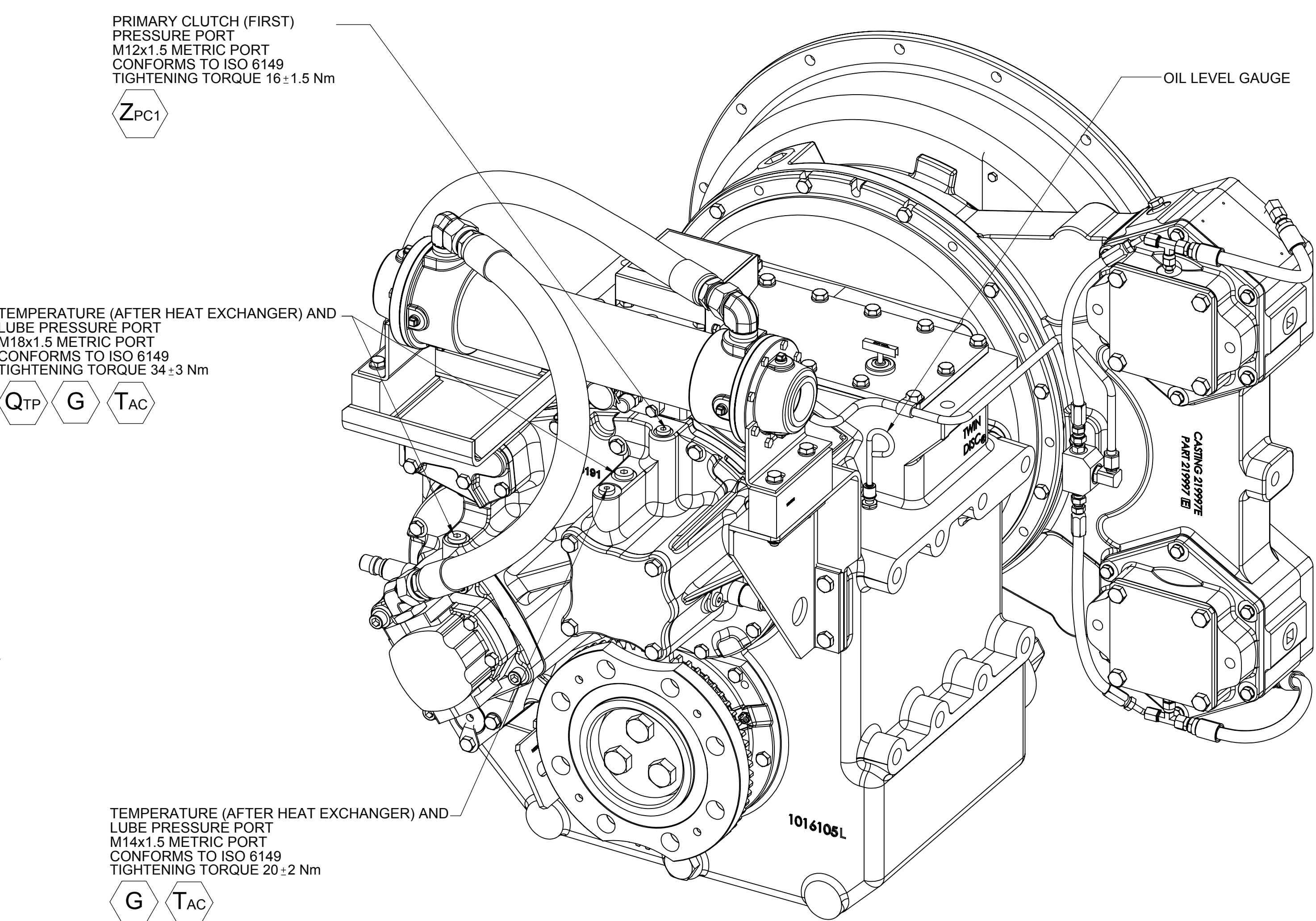
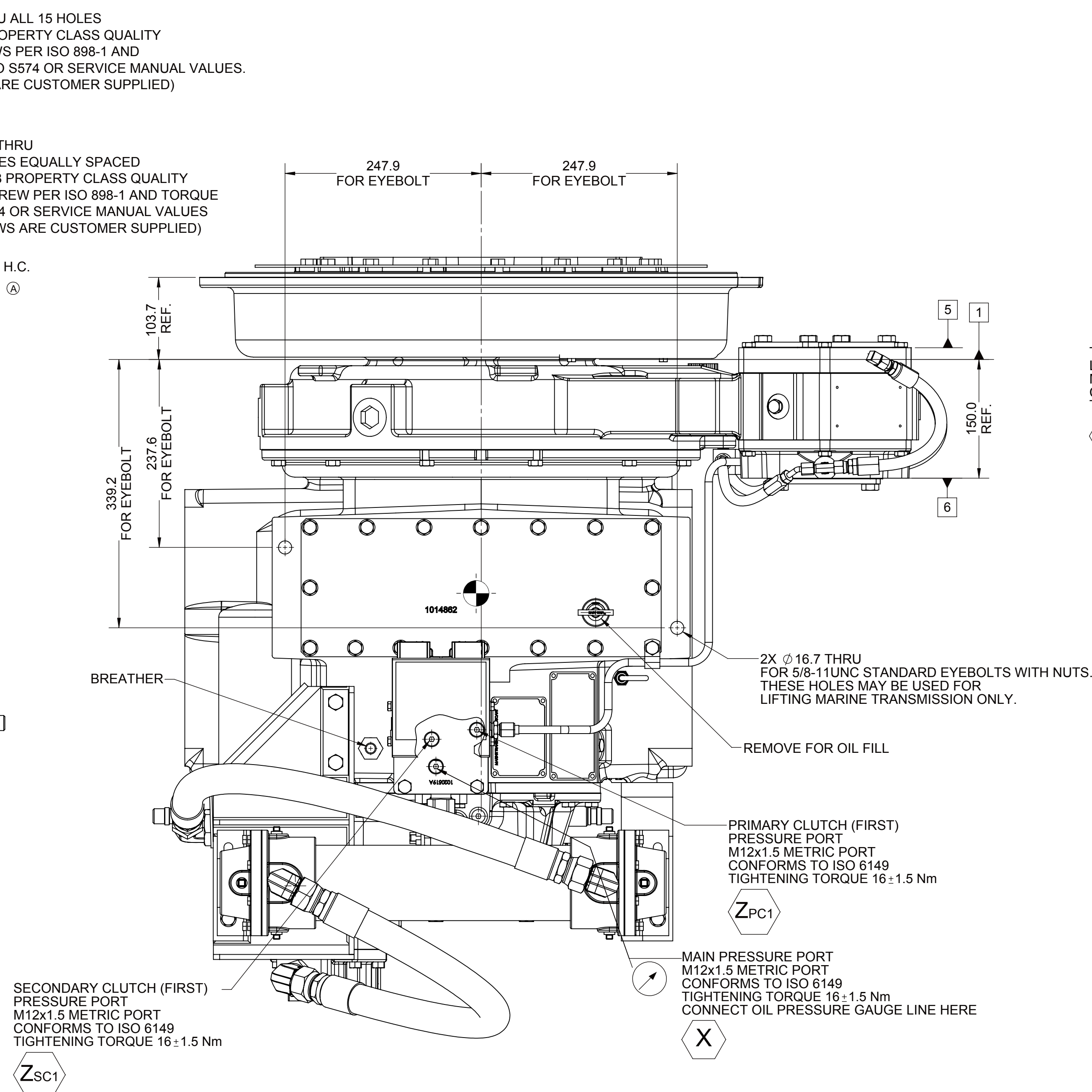
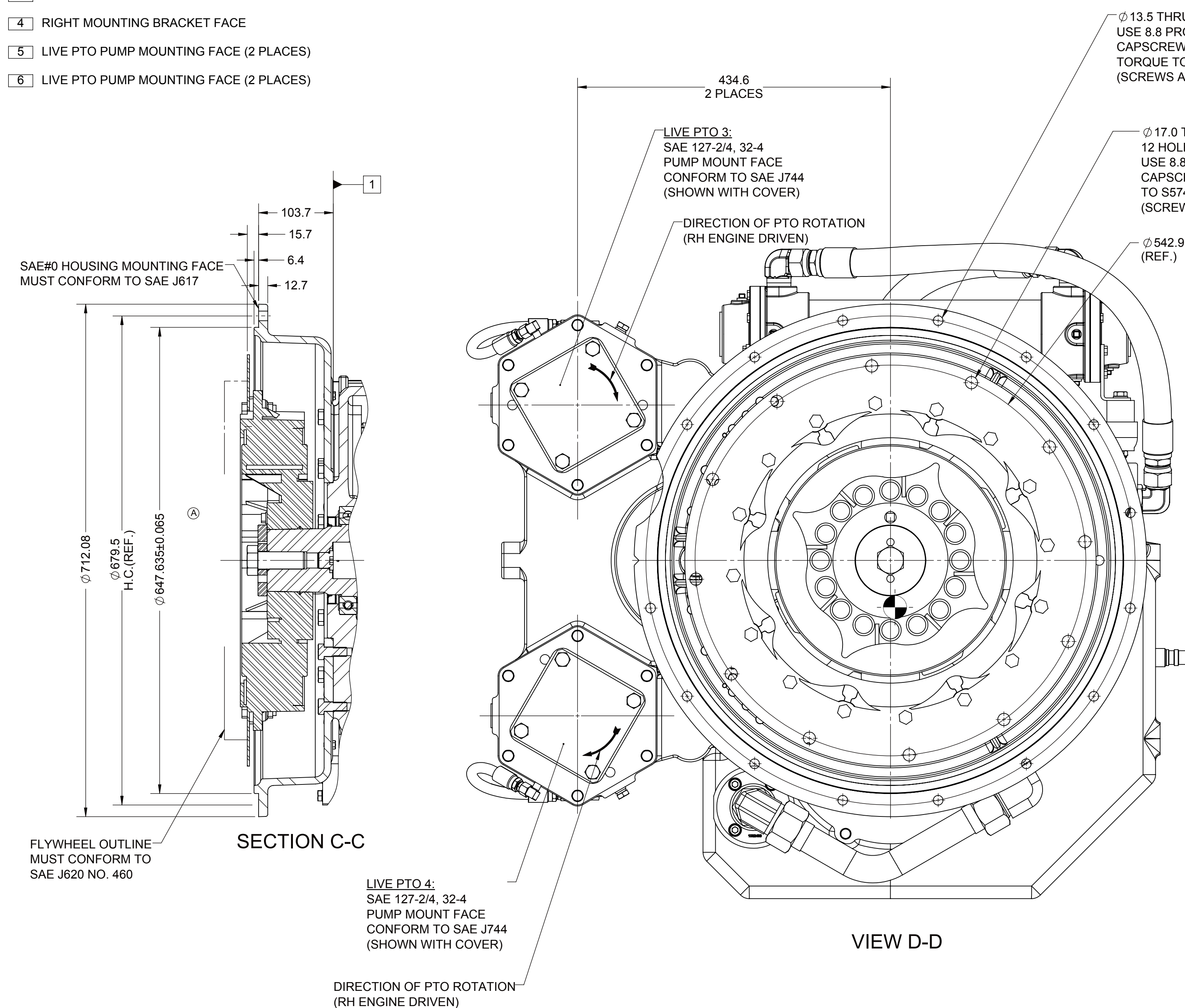



- |   |  |
|---|--|
| 1 | INPUT GROUP REFERENCE PLANE            |
| 2 | PTO GROUP MOUNTING FACE                |
| 3 | LEFT MOUNTING BRACKET FACE             |
| 4 | RIGHT MOUNTING BRACKET FACE            |
| 5 | LIVE PTO PUMP MOUNTING FACE (2 PLACES) |
| 6 | LIVE PTO PUMP MOUNTING FACE (2 PLACES) |



## 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 NEUTRAL POSITION, PULL TO ENGAGE SECONDARY CLUTCH.  
2. THE MANUAL DIRECTIONAL CONTROL VALVE CANNOT ENGAGE THE PRIMARY CLUTCH.
- C. MANUAL DIRECTIONAL CONTROL VALVE MODE SWITCH  
1. SWITCH IS NORMALLY CLOSED WHEN MANUAL DIRECTIONAL CONTROL VALVE IS IN THE NEUTRAL POSITION AND  
OPEN WHEN LEVER IS ACTUATED FROM NEUTRAL POSITION.  
2. CURRENT = 20 AMP MAX.  
3. FOR WIRING SCHEMATIC, REFER TO CONTROL MODULE DRAWING.
- D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.
- E. ALL POINTS AVAILABLE FOR TESTING CODED 
- F. UNLESS OTHERWISE SPECIFIED FASTENER TORQUE VALUES AS PER S574 STANDARD

**EQUIPMENTS SHOWN:**

- MGXT-5202SC PER ASSEMBLY S1032600
- SAE#0 HOUSING ADAPTER
- SAE460 CENTA CF-R-318-HR INPUT COUPLING
- GP VALVE WITH EC050 PROFILE MODULE
- MOUNTED M1959AL HEAT EXCHANGER (RAW WATER)
- PUMP TOWER EQUIPPED 4 Nos. LIVE SAE J744 127-2/4 PTO'S

REV

CHANGE NO

DATE

A

ECNWF-75203

05/17/2017

REV

CHANGE NO

DATE

A

FIRST USE ASSEMBLY

FIRST USE MODEL

SUBMIT TO

WEIGHT

937

kg/m

THIRD ANGLE  
PROJECTION

MATERIAL

RE-TREAT

DESCRIPTION

INSTALLATION  
MGX1-5025C

DATE

11/30/2016

TITLE

DRAWN BY

CHECKED BY

APPROVED BY

14

PM

MSK

TWIN DISC

RACINE, WI 53403 - USA

PX1032494

SIZE

A0

SHEET

1 OF 1

REV

A

NOTES:

THIS DRAWING CONTAINS INFORMATION AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

TWIN DISC, INCORPORATED

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED  
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
FRACTIONS DECIMALS MILLIMETERS INCHES  
.0005" .013mm .0005" .013mm  
.001" .025mm .001" .025mm  
.002" .051mm .002" .051mm  
.005" .127mm .005" .127mm  
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.015" .381mm .015" .381mm  
.020" .508mm .020" .508mm  
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