

- 1

INPUT GROUP REFERENCE PLANE
- 2

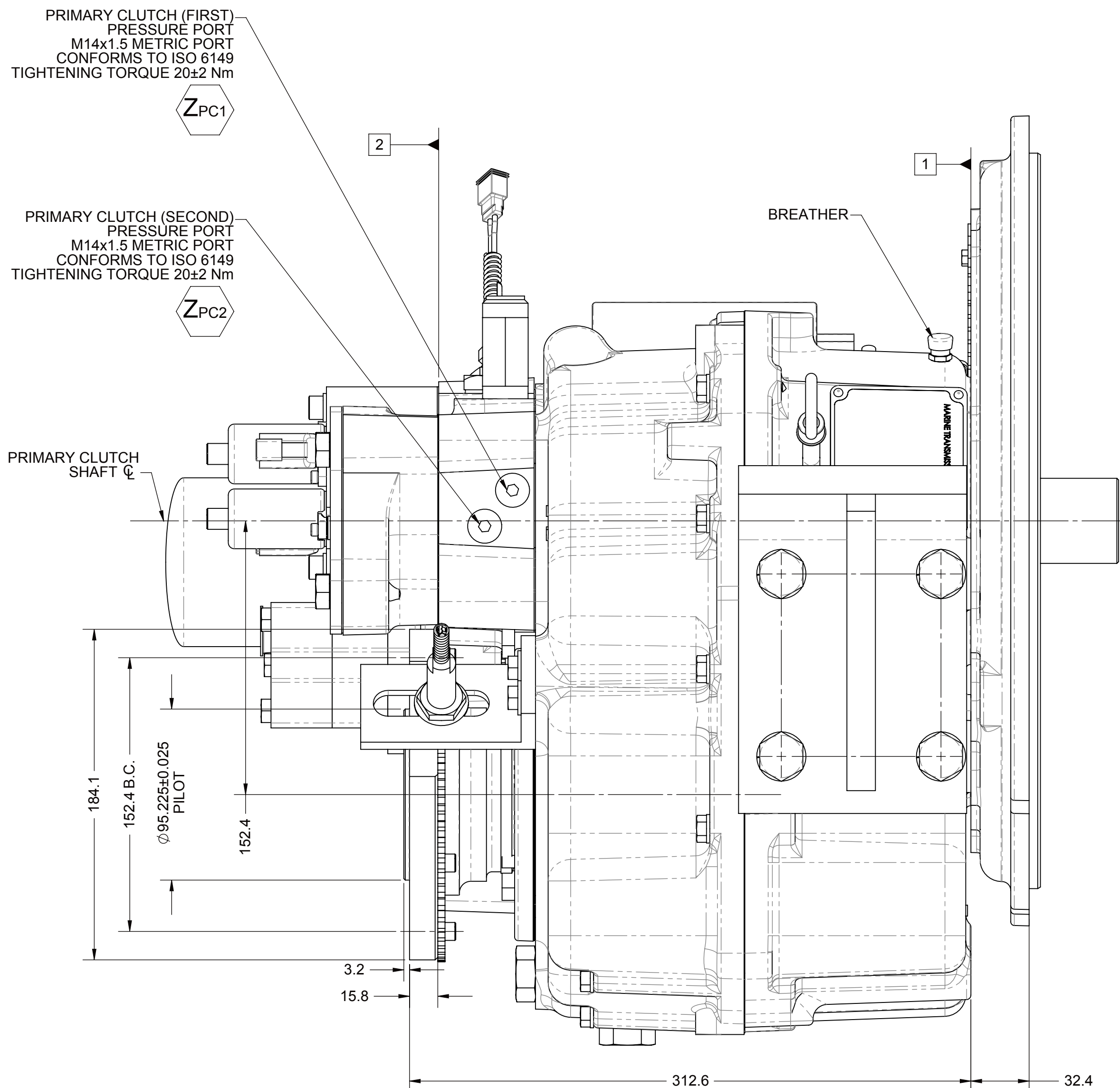
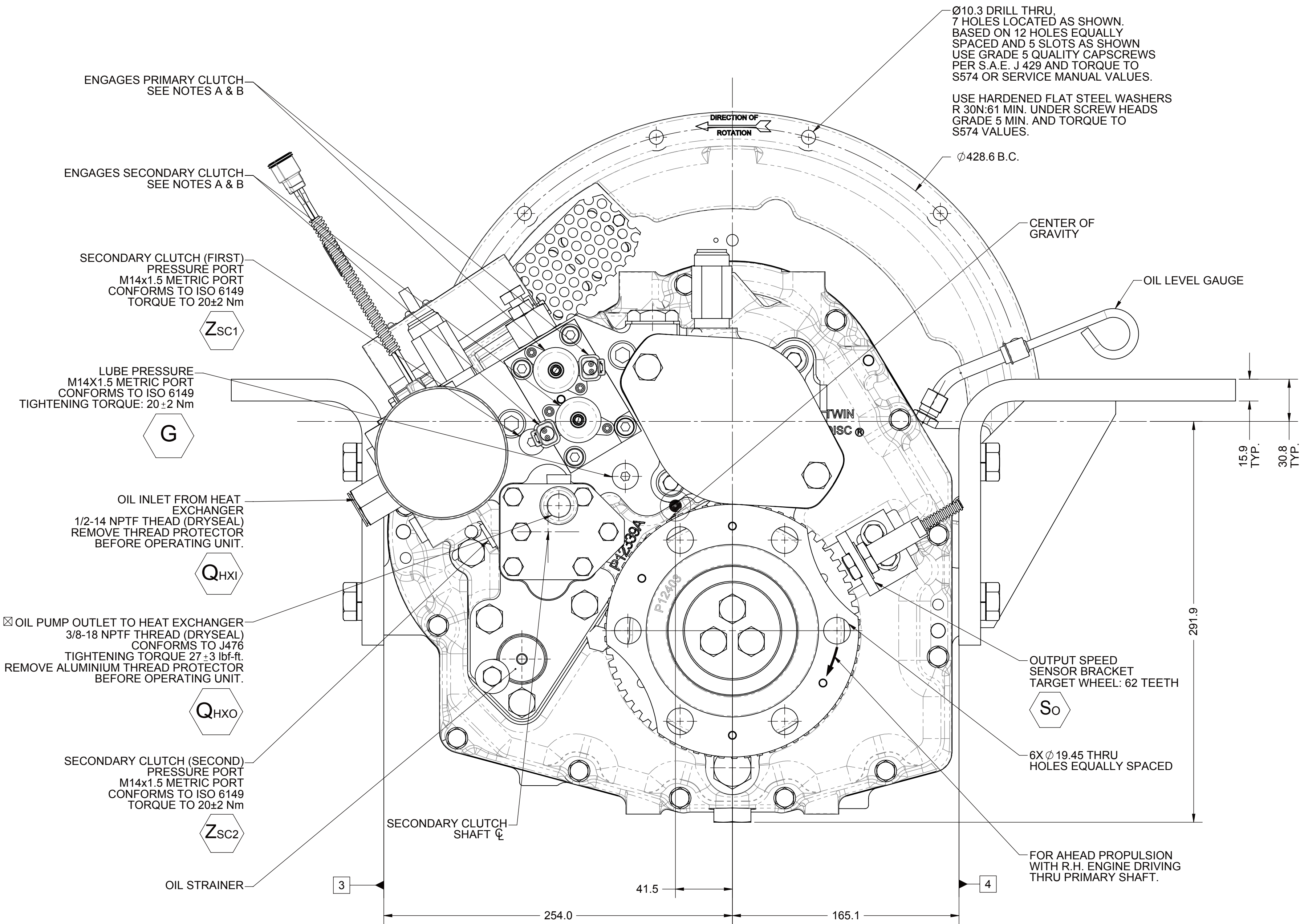
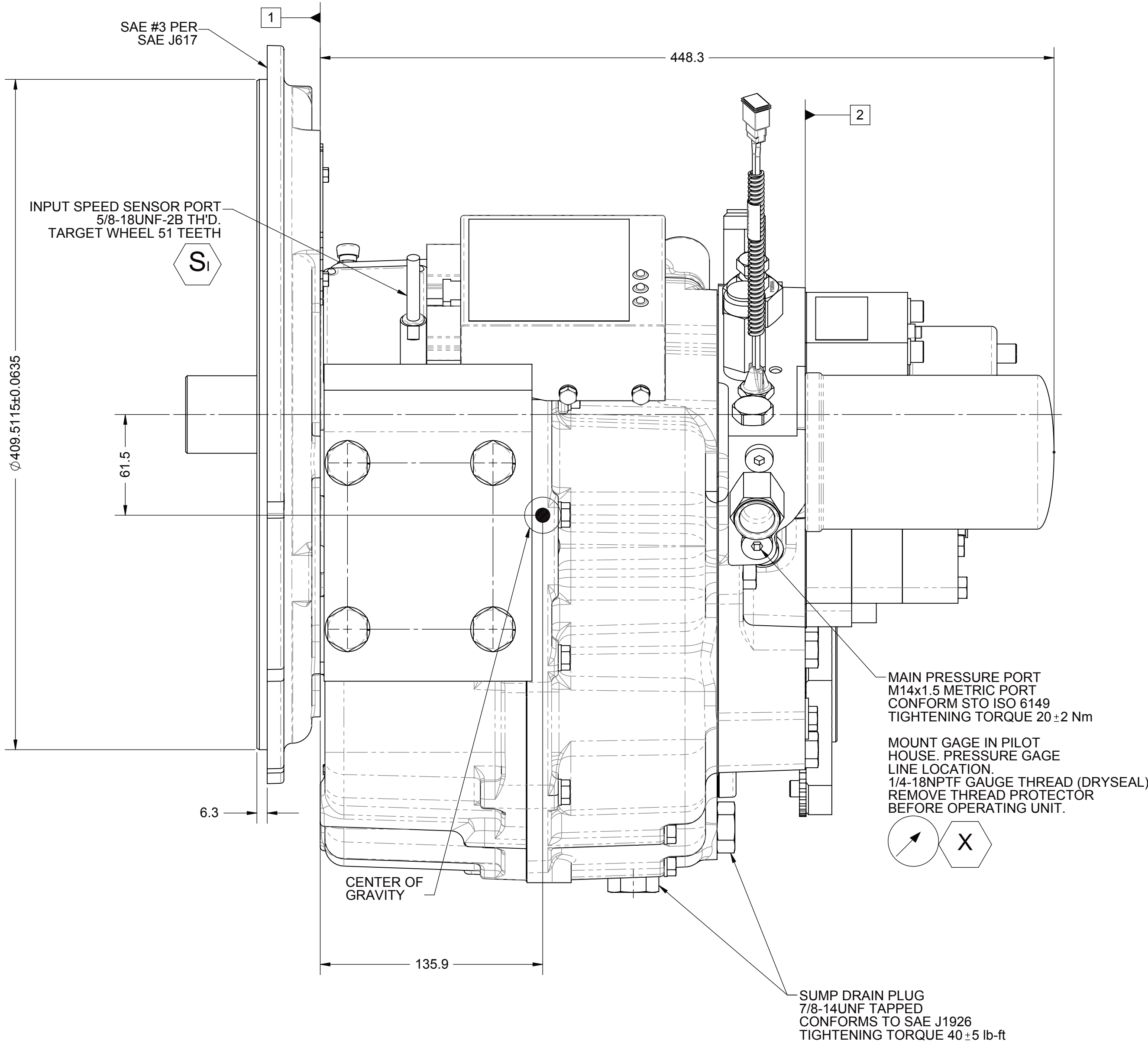
PTO GROUP MOUNTING FACE
- 3

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 OVERRIDE VALVE OPERATION
1. THE MANUAL OVERRIDE FEATURE FOR THE PRIMARY AND SECONDARY SOLENOIDS MUST NEVER BE ENGAGED SIMULTANEOUSLY
2. ROTATE THE MANUAL OVERRIDE SCREW COUNTER-CLOCKWISE UNTIL THE SCREWS STOPS FOR THE NEUTRAL POSITION
3. THE MANUAL OVERRIDE SCREWS FOR BOTH THE PRIMARY AND SECONDARY SOLENOID MUST BE IN TEH NEUTRAL POSITION TO OPERATE THE VALVE UTILIZING THE TWIN DISC CONTROL SYSTEM.
4. TO ENGAGE PRIMARY CLUTCH TURN THE PRIMARY OVERRIDE SCREW IN A CLOCKWISE DIRECTION UNTIL THE SCREW STOPS TURNING.
5. TO ENGAGE SECONDARY CLUTCH TURN THE SECONDARY OVERRIDE SCREW IN A CLOCKWISE DIRECTION UNTIL THE SCREW STOPS TURNING.
- C. UNLESS OTHERWISE SPECIFIED, FASTENER TORQUE VALUES AS PER S574 STANDARD.
- D. ALL POINTS AVAILABLE FOR TESTING ARE CODED
- E. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

OPTIONAL TEMPERATURE INDICATING SWITCH:
CUSTOMER TO INSTALL IN A PIPE TEE IN THE HYDRAULIC LINE LEADING FROM THE MARINE TRANSMISSION PUMP TO THE HEAT EXCHANGER INLET.REFER TO HYDRAULIC DIAGRAM.



EQUIPMENT SHOWN:
- MGX-5065SC PER PX12410 SERIES
- GP VALVE WITH EC050 CONTROL MODULE
- SAE #3 HOUSING ADAPTER
- PTO GROUP SAE J744 101-2/4
- 1016428AW MOUNTING BRACKET

FIRST USE ASSEMBLY PX12410A	REV: 1	DATE: 02/17/2015	THIRD ANGLE PROJECTION	MATERIAL: RACINE, WI 53403 - USA
FIRST USE MODEL MGX-5065SC	CHANGE NO.	SCALE: 1:2	DRIVEN BY: MG	HEAT TREAT:
SIMILAR TO:		CHECKED BY: DV	APPROVED BY: DV	DESCRIPTION: INSTALLATION MGX-5065SC
METRIC		TWIN DISC, INCORPORATED		1026371A
NOTES: THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF TWIN DISC, INC. OR SUBSIDIARY THEREOF.		ALL ANGULAR TOLERANCES ±1° UNLESS OTHERWISE SPECIFIED		SHEET 1 OF 1