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 BATTTERY / POWER SUPPLY VOLATAGE.
2. OPERATION TO BE PERFORMED WITH ONLY TWIN DISC CONTROL SYSTEMS OR MODULES.

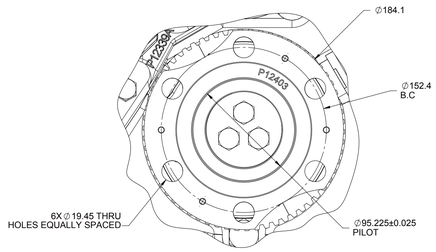
B. MANUAL OVERRIDE VALVE OPERATION
1. THE MANUAL OVERRIDE FEATURE FOR THE PRIMARY AND SECONDARY SOLENOIDS MUST NEVER BE ENGAGED SIMULTANEOUSLY
2. ROTATE THE MANUAL OVERRIDE SCREW COUNTER-CLOCKWISE UNTIL THE SCREWS STOPS FOR THE NEUTRAL POSITION
3. THE MANUAL OVERRIDE SCREWS FOR BOTH THE PRIMARY AND SECONDARY SOLENOID MUST BE IN THE 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, FATSENER TORQUE VALUES AS PER S574 STANDARD.

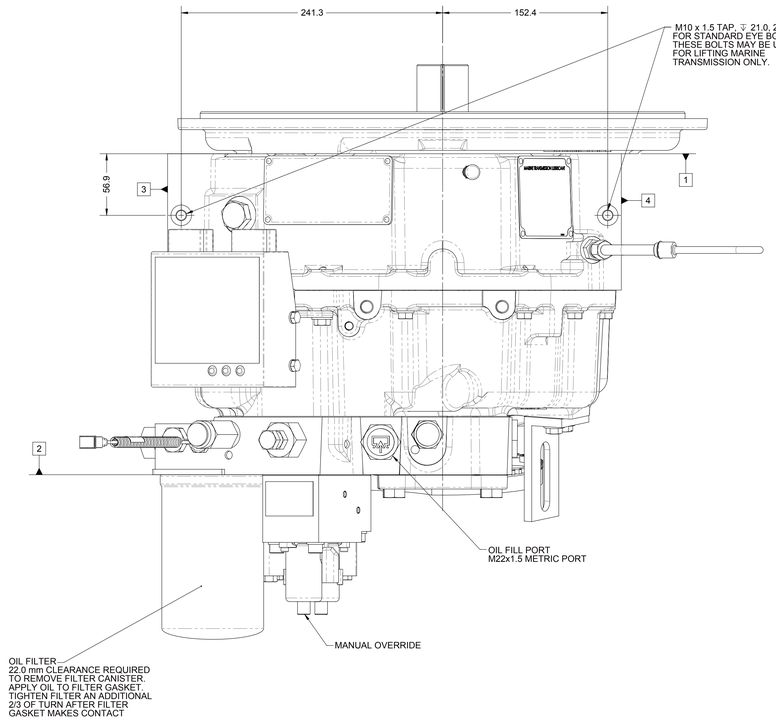
D. ALL POINTS AVAILABLE FOR TESTING ARE CODED ⬡

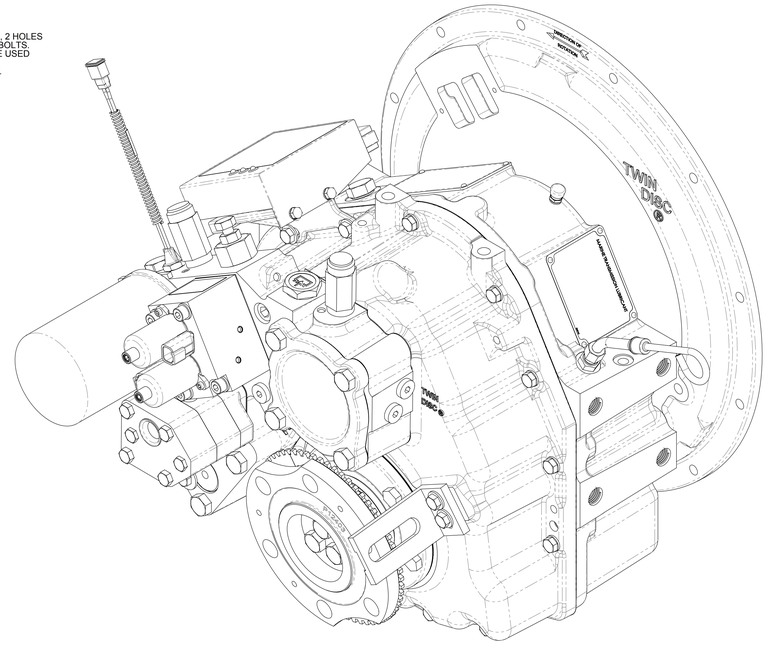
E. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

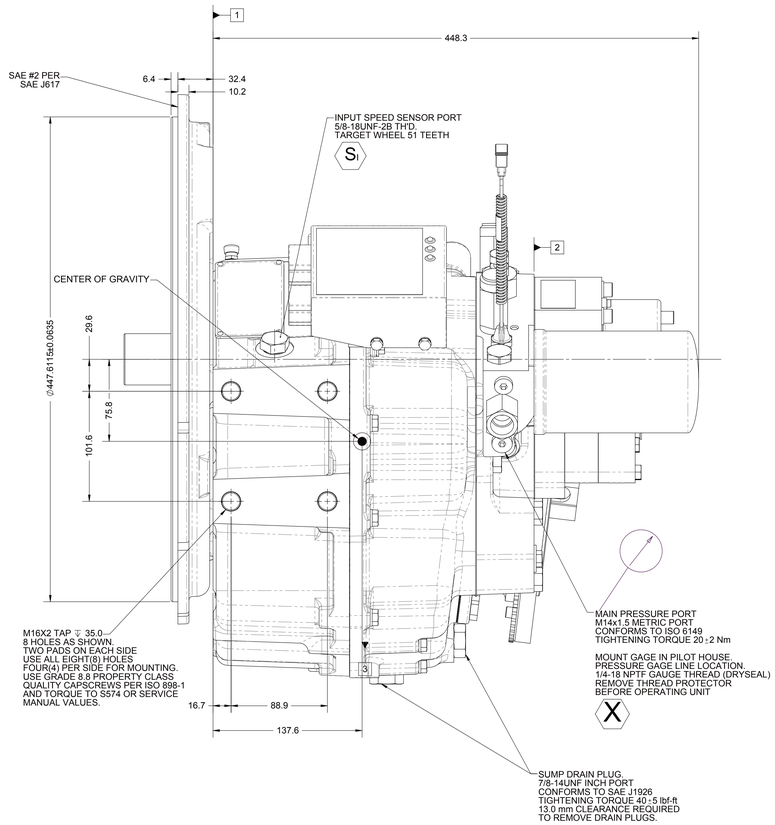
☒ **OPTIONAL TEMPERATURE INDICATING SWITCH:**
CUSTOMER TO INSTALL IN A PIPE TEE IN THE HYDRAULIC LINE LEADING FROM THE MARINE TRANSMISSION PUMP TO THE HEAT EXCHANGER INLET. REFER TO HYDRAULIC DIAGRAM.

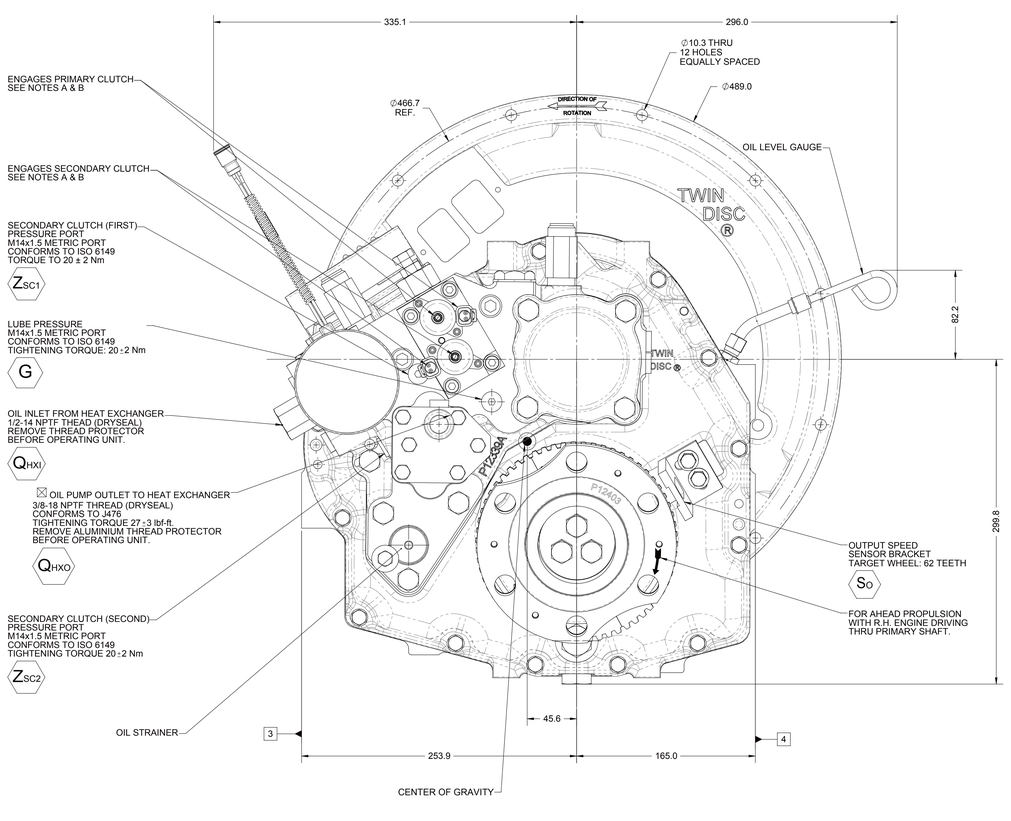


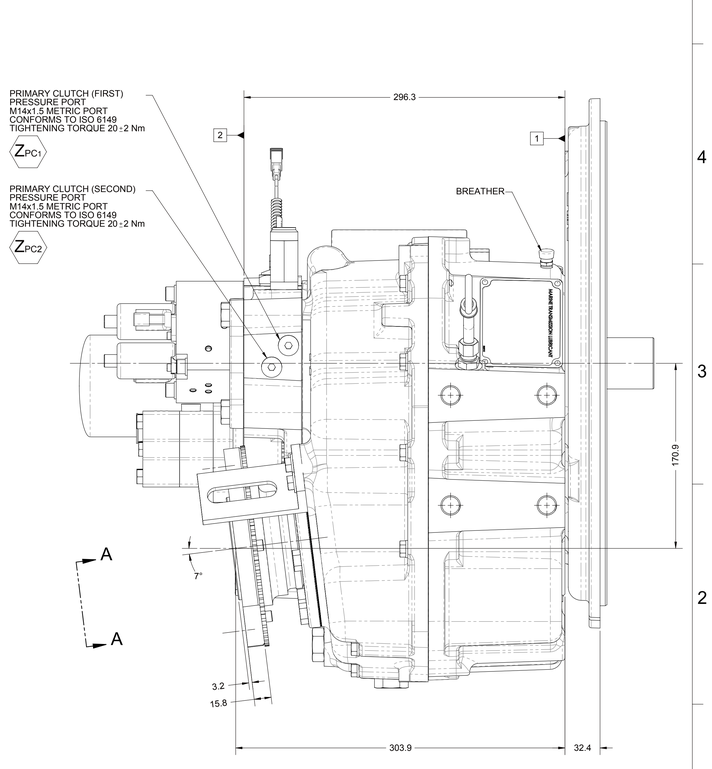
SECTION A-A











EQUIPMENT SHOWN:
- MGX-5065A PER PX12370 SERIES
- GP VALVE WITH EC050 CONTROL MODULE
- SAE #2 HOUSING ADAPTER

REV	CHANGE NO.	DATE
-	NDWF-2000023	02/18/2016

FIRST USE ASSEMBLY:	WEIGHT: 106.88 lb / kg	THIRD ANGLE PROJECTION	MATERIAL:	DATE: 02/17/2016	TWIN DISC RACINE, WI 53403 - USA
FIRST USE MODEL: MGX-5065A				SCALE: 1:2	
SIMILAR TO:			HEAT TREAT:	DRAWN BY: PM	1026215B
METRIC		UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS X ±0.25 X.X ±0.13 X.XX ±0.13 ALL ANGULAR TOLERANCES ±1° GEOMETRIC TOLERANCING PER ASME Y14.5M 1994	DESCRIPTION: MGX-5065A	CHECKED BY: DV	
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