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

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

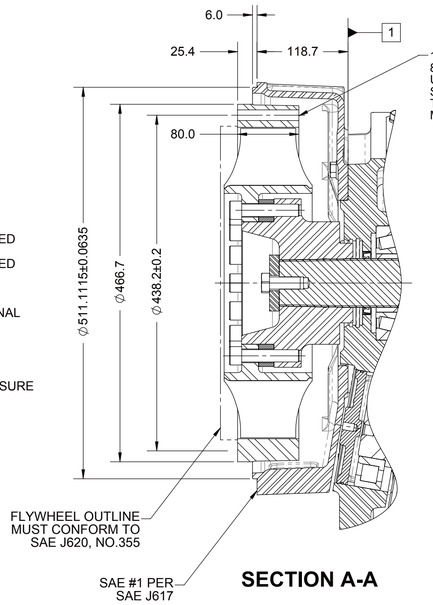
B. MANUAL DIRECTIONAL CONTROL VALVE OPERATION
1. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PUSH TO ENGAGE PRIMARY CLUTCH
2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PULL TO ENGAGE SECONDARY CLUTCH

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

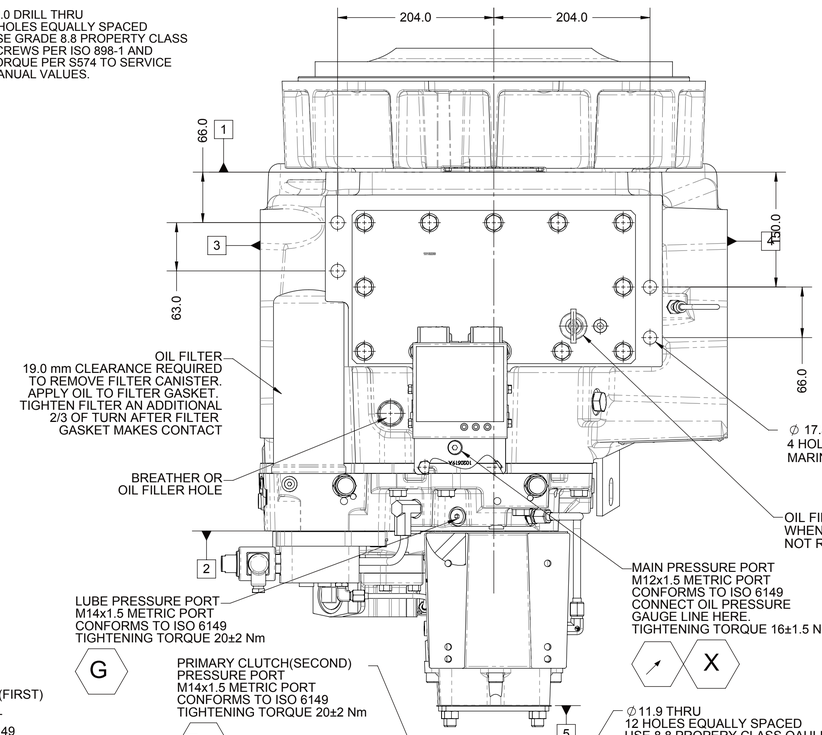
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS

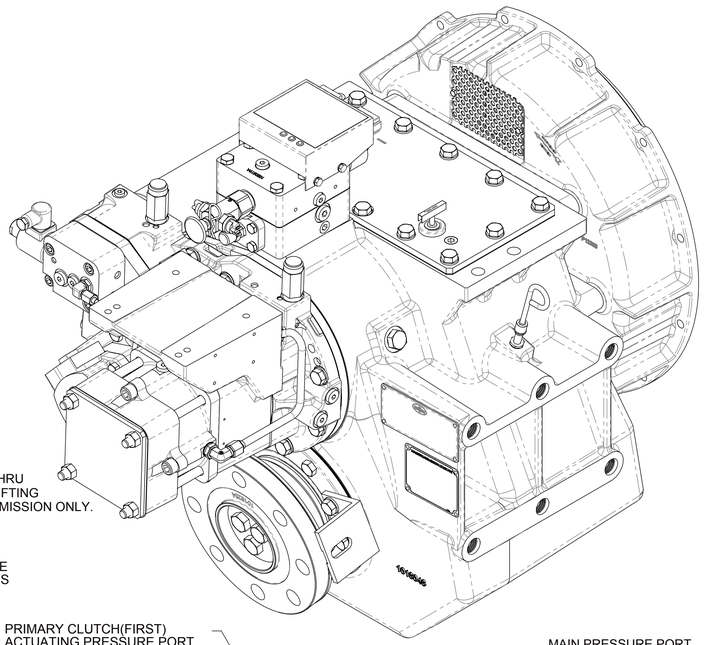
E. UNLESS OTHERWISE SPECIFIED FASTENER TORQUE VALUES AS PER S574 STANDARD.

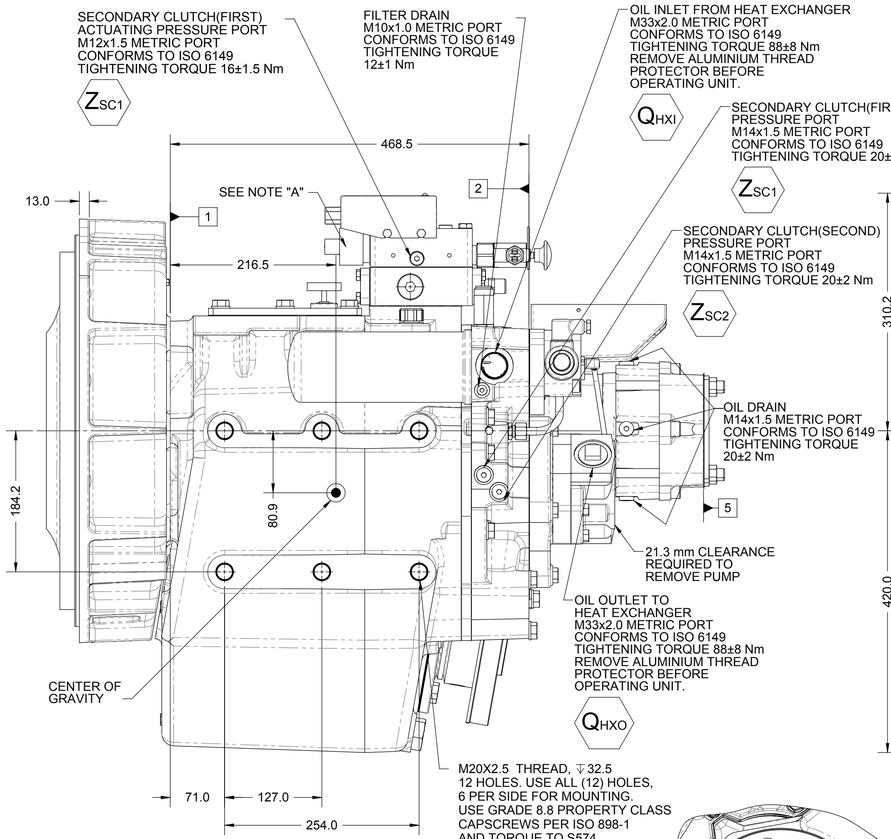
F. ALL POINTS AVAILABLE FOR TESTING CODED ⬡

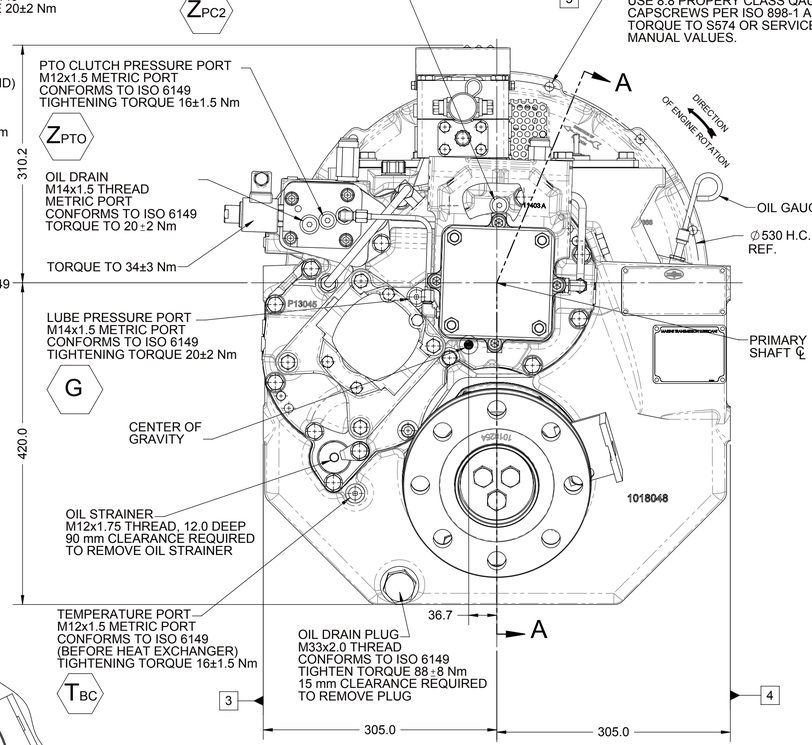


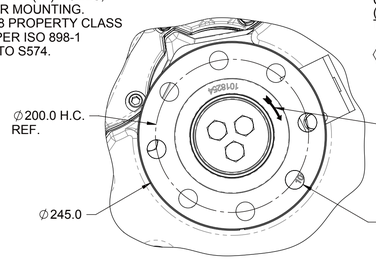
SECTION A-A



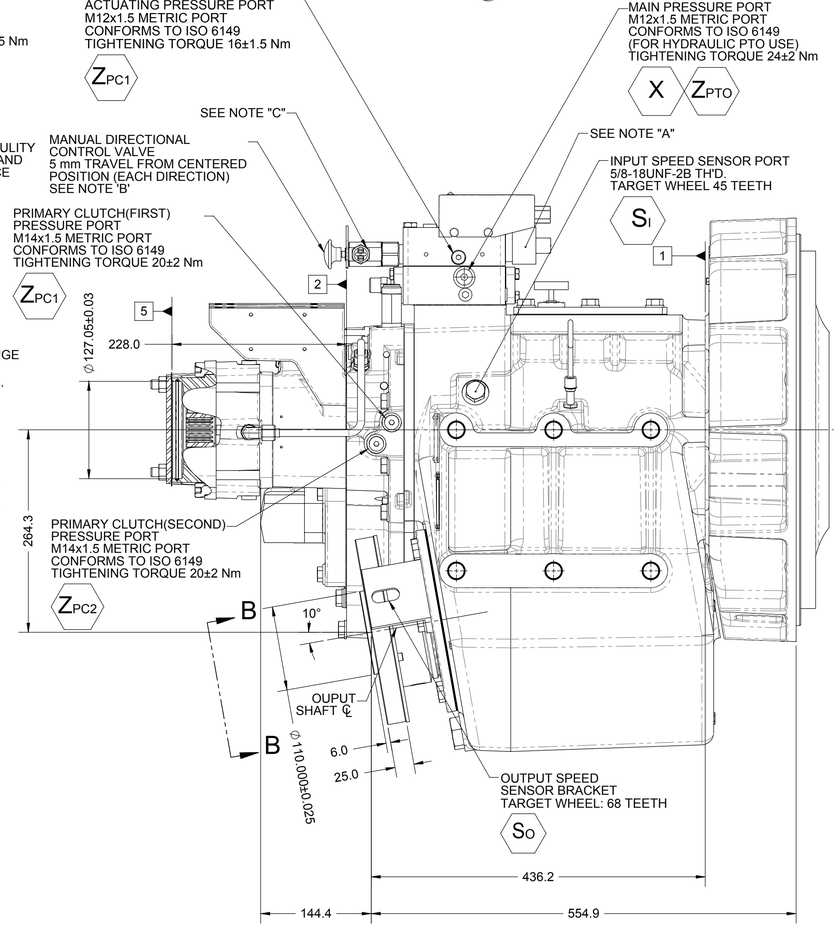








VIEW B-B



EQUIPMENT SHOWN:
- MGX-5146A PER 1027596 ASSEMBLY
- GP VALVE WITH EC050 PROFILE MODULE
- SAE #1 HOUSING
- SAE 355 VULKAN VL-3211S
- SAE J744 127-4, 32-4 HYDRAULIC PTO

FIRST USE ASSEMBLY: 1027596	WEIGHT: 388.3 kg	THIRD ANGLE PROJECTION
FIRST USE MODEL: MGX-5146A	WR²: kg-m²	MATERIAL:
SIMILAR TO: 1027597		HEAT TREAT:
METRIC	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

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THIS NOTICE IS NOT INTENDED TO NULLIFY OR LIMIT RIGHTS GRANTED TO THE U.S. GOVERNMENT OR OTHERS BY CONTRACT.

DATE:	01/13/2015	
SCALE:	1:4	TWIN DISC RACINE, WI 53403 - USA
DRAWN BY:	YU	1027597A
CHECKED BY:	NFC	
APPROVED BY:	NFC	DWG SIZE: A1 / SHEET: 1 OF 1 / REV: -

REV.	CHANGE NO.	DATE
-	NDWF-75125	07/28/2015

F E D C B A