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

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

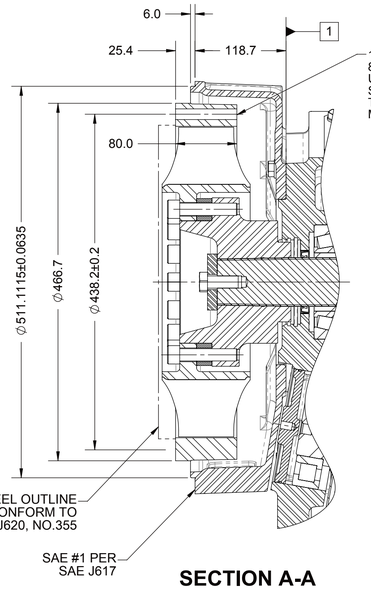
B. MANUAL DIRECTIONAL CONTROL VALVE OPERATION
1. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PUSH TO ENGAGE PRIMARY CLUTCH
2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PULL TO ENGAGE SECONDARY CLUTCH

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

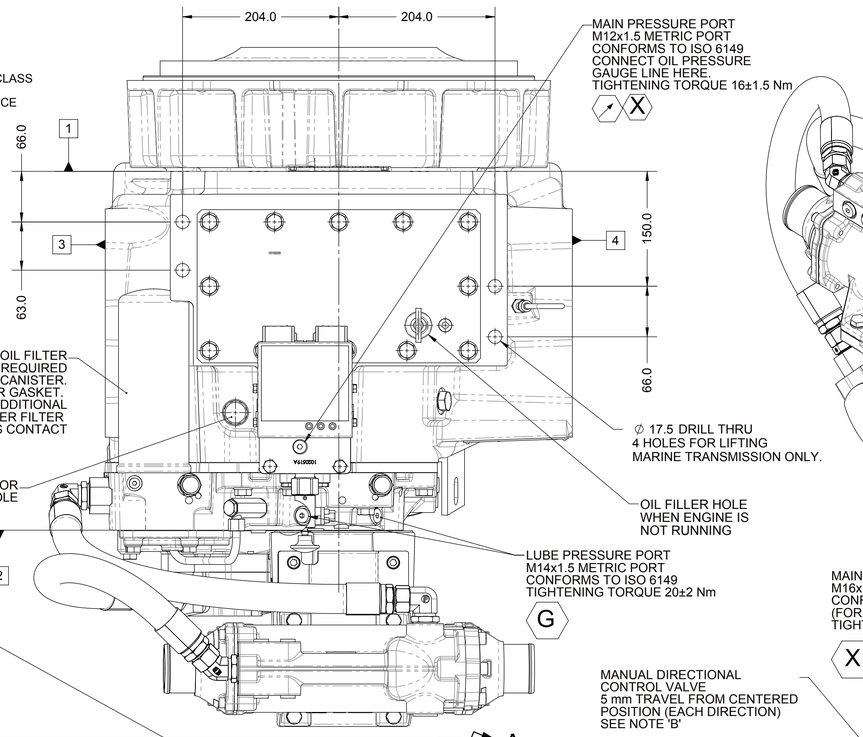
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

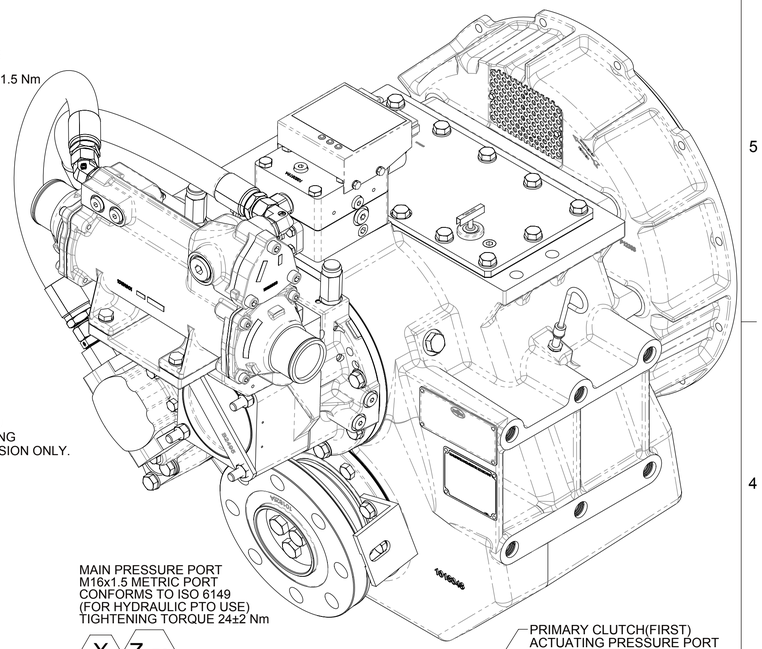
E, UNLESS OTHERWISE SPECIFIED FASTENER TORQUE VALUES AS PER S574 STANDARD.

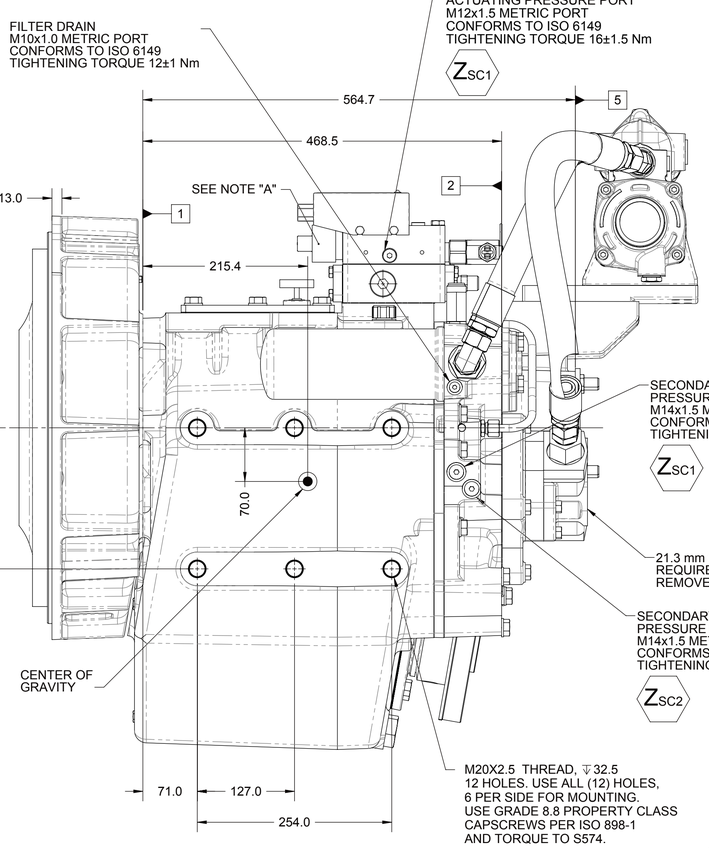
F. ALL POINTS AVAILABLE FOR TESTING CODED ⬡

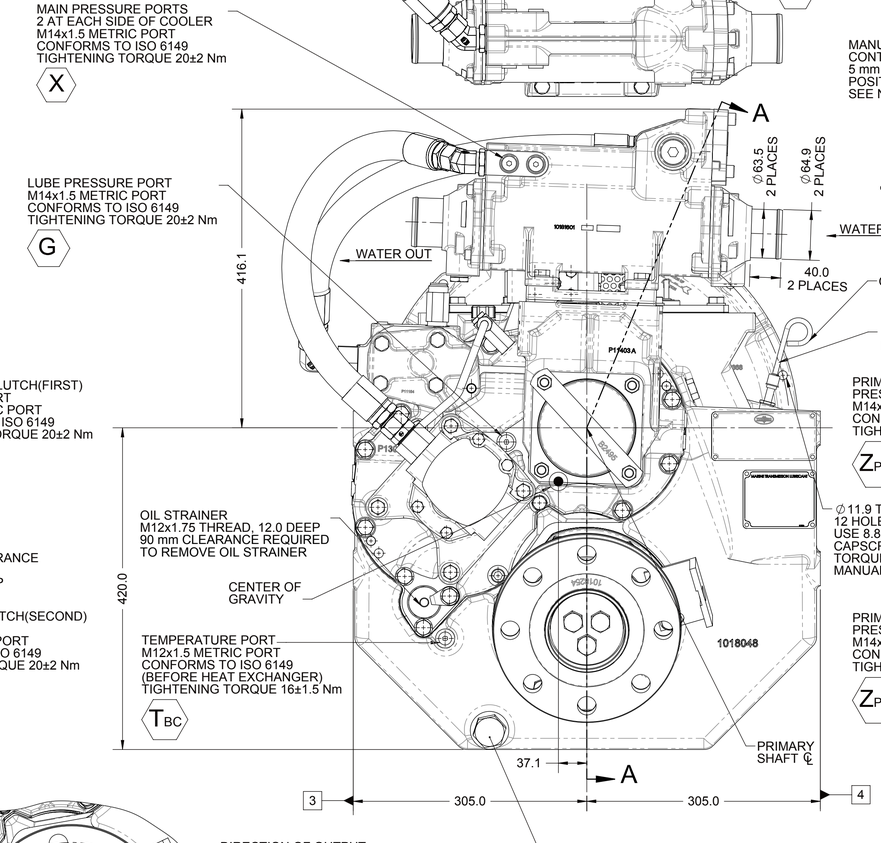


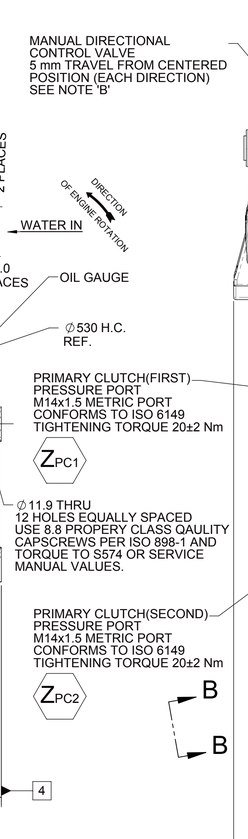
SECTION A-A

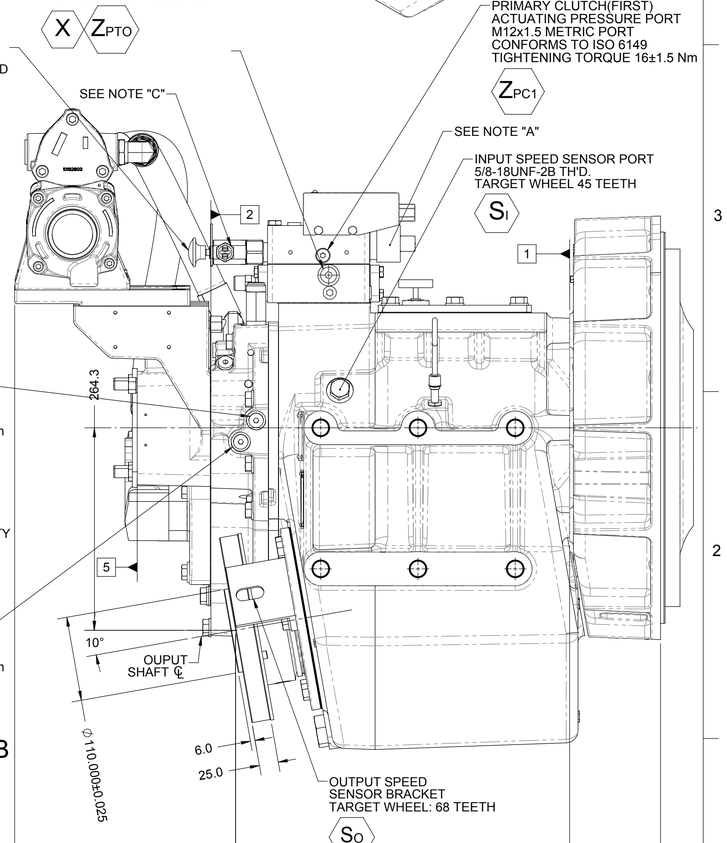


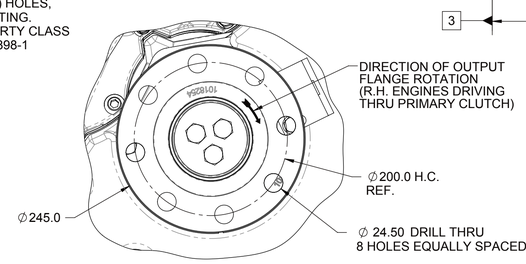












VIEW B-B

EQUIPMENT SHOWN:
- MGX-5146A PER 1027596 ASSEMBLY
- SAE #1
- SAE 355 VULKAN VL-3211S
- GP VALVE WITH EC050 PROFILE MODULE
- PM13008A MOUNTED HEAT EXCHANGER
- LIVE SAE 127-4 PTO HSG.

FIRST USE ASSEMBLY: 1027596	WEIGHT: 385.8 kg	MATERIAL:	DATE: 09/01/2015
FIRST USE MODEL: MGX-5146A	WR²: kg-m²		SCALE: 1:4
SIMILAR TO:	THIRD ANGLE PROJECTION	HEAT TREAT:	DRAWN BY: LT
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	CHECKED BY: JMF
			APPROVED BY: JMF

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REV	CHANGE NO.	DATE
-	NDWF-06280	09/15/2015

TWIN DISC
RACINE, WI 53403 - USA

DWG 1027597B
SIZE: A1 SHEET: 1 OF 1 REV: -