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

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.

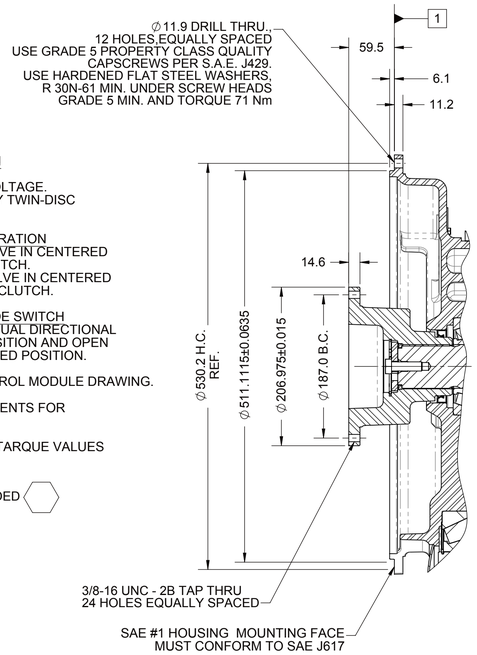
B. MANUAL DIRECTIONAL CONTROL VALVE OPERATION
1. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION, PUSH TO ENGAGE PRIMARY CLUTCH.
2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION, PULL TO ENGAGE SECONDARY CLUTCH.

C. MANUAL DIRECTIONAL CONTROL VALVE MODE SWITCH
1. SWITCH IS NORMALLY CLOSED WHEN MANUAL DIRECTIONAL CONTROL VALVE IS IN THE CENTERED POSITION AND OPEN WHEN LEVER IS ACTUATED FROM CENTERED POSITION.
2. CURRENT = 20 AMPS MAX.
3. FOR WIRING SCHEMATIC, REFER TO CONTROL MODULE DRAWING.

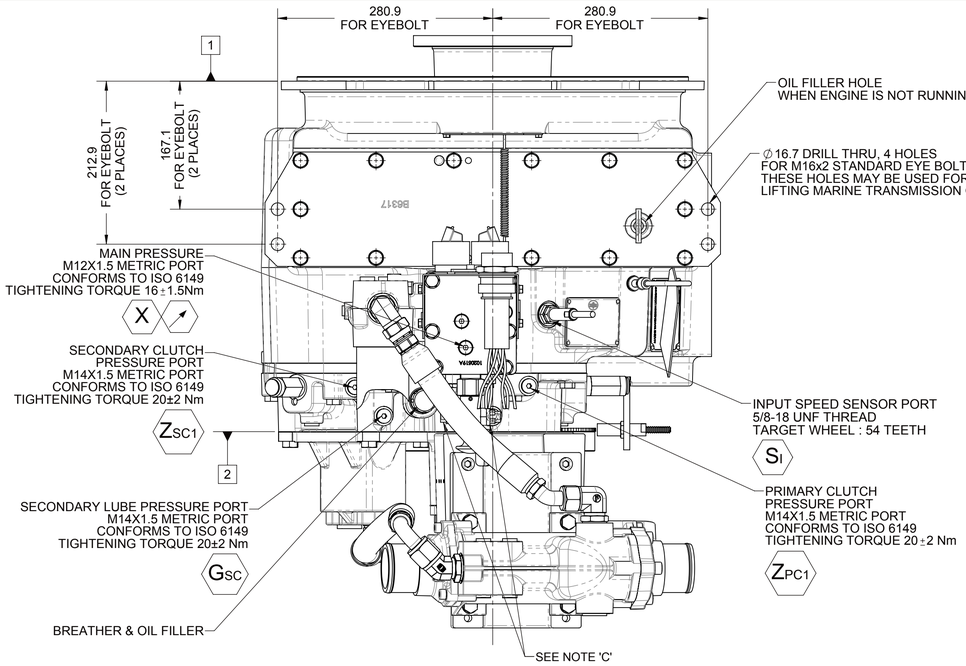
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND ALARM LEVELS.

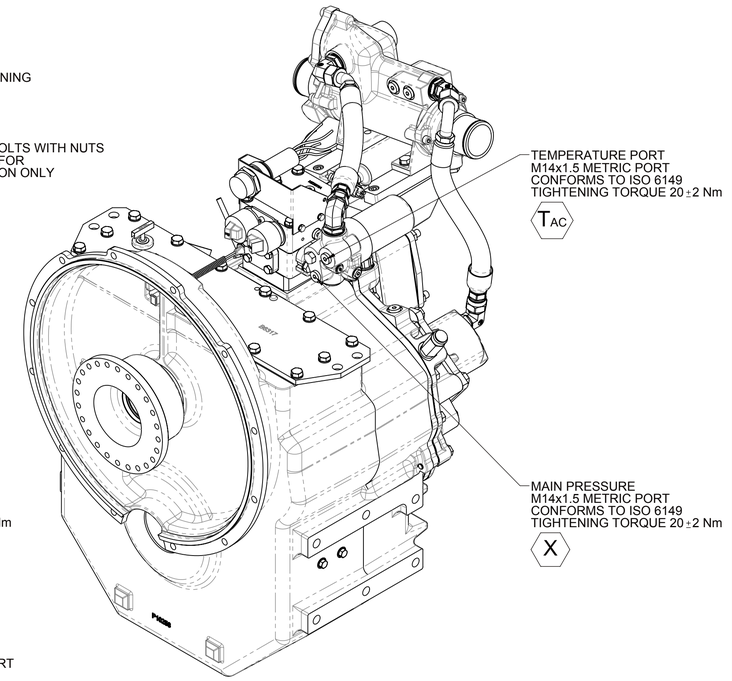
E. UNLESS OTHERWISE SPECIFIED, FASTENER TARQUE VALUES PER S574 STANDARD.

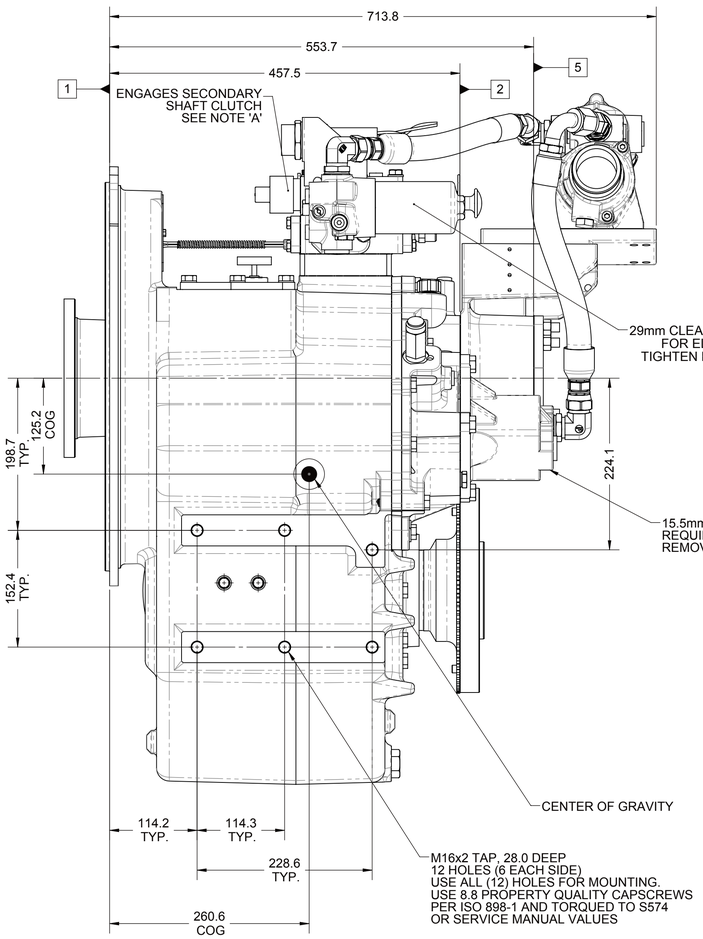
F. ALL POINTS AVAILABLE FOR TESTING ARE CODED ⬡

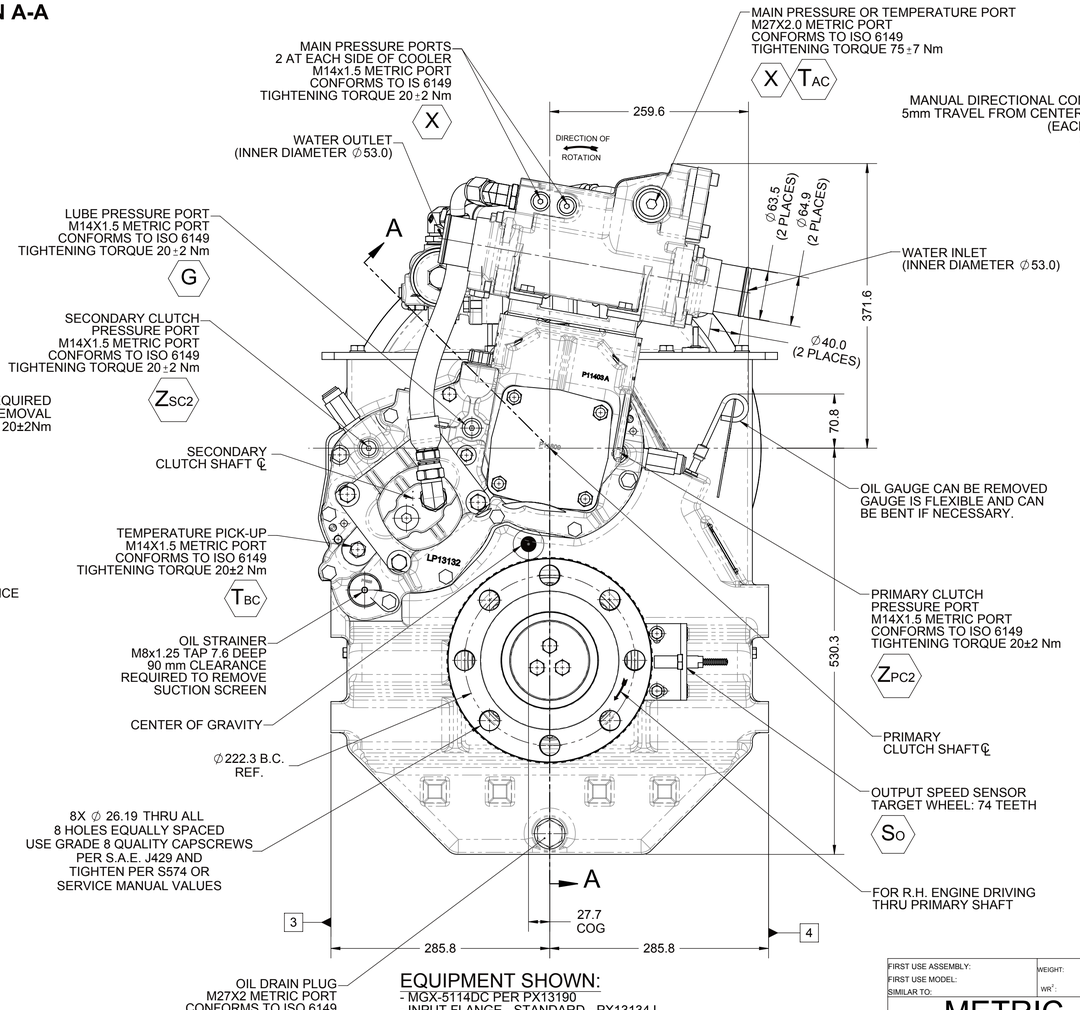


SECTION A-A



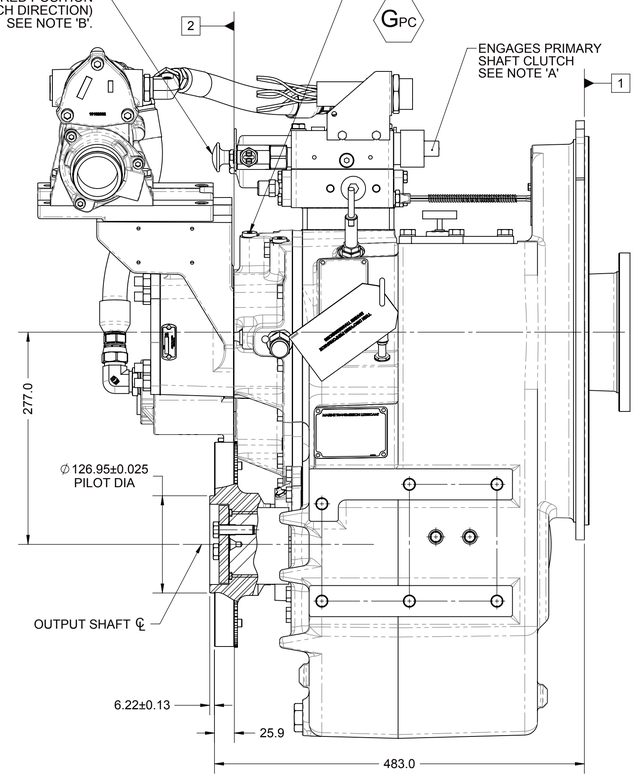






EQUIPMENT SHOWN:

- MGX-5114DC PER PX13190
- INPUT FLANGE - STANDARD - PX13134J
- GP VALVE W/ EC300 ADAPTER HARNESS - PX13184
- SAE 127-4, 32-4 PTO ADAPTER W/ HEAT EXCHANGER BRACKET - PX13159
- MOUNTED PM13008 HEAT EXCHANGER - PX13179



REV	CHANGE NO.	DATE
-	NDWF-75296	08/26/2015

FIRST USE ASSEMBLY:	WEIGHT: 423 kg	MATERIAL:	DATE: 08/24/2015
FIRST USE MODEL:	WR²: kg-m²		SCALE: 1:4
SIMILAR TO:	THIRD ANGLE PROJECTION	HEAT TREAT:	DRAWN BY: YU
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-5114DC	CHECKED BY: BO
			APPROVED BY: DV

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TWIN DISC
RACINE, WI 53403 - USA

PX13298B

DWG SIZE: A1 | SHEET: 1 OF 1 | REV: -

1025420W Rev. -