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 SYSTEM MODULES

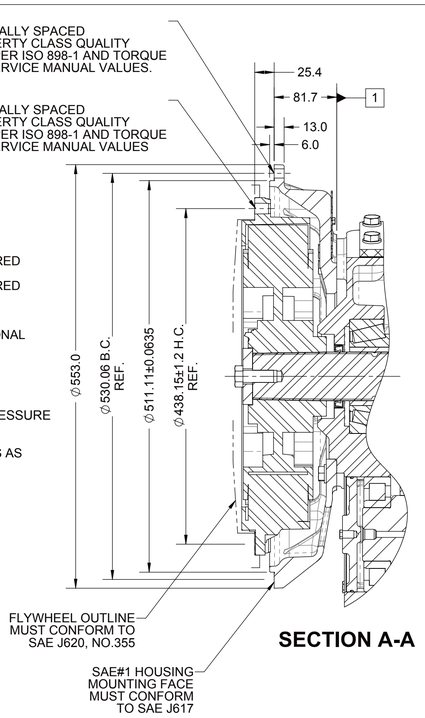
B. MANUAL DIRECTIONAL CONTROL VALVE OPERATION
1. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PUSH TO ENGAGE PRIMARY CLUTCH
2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PULL TO ENGAGE SECONDARY CLUTCH

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

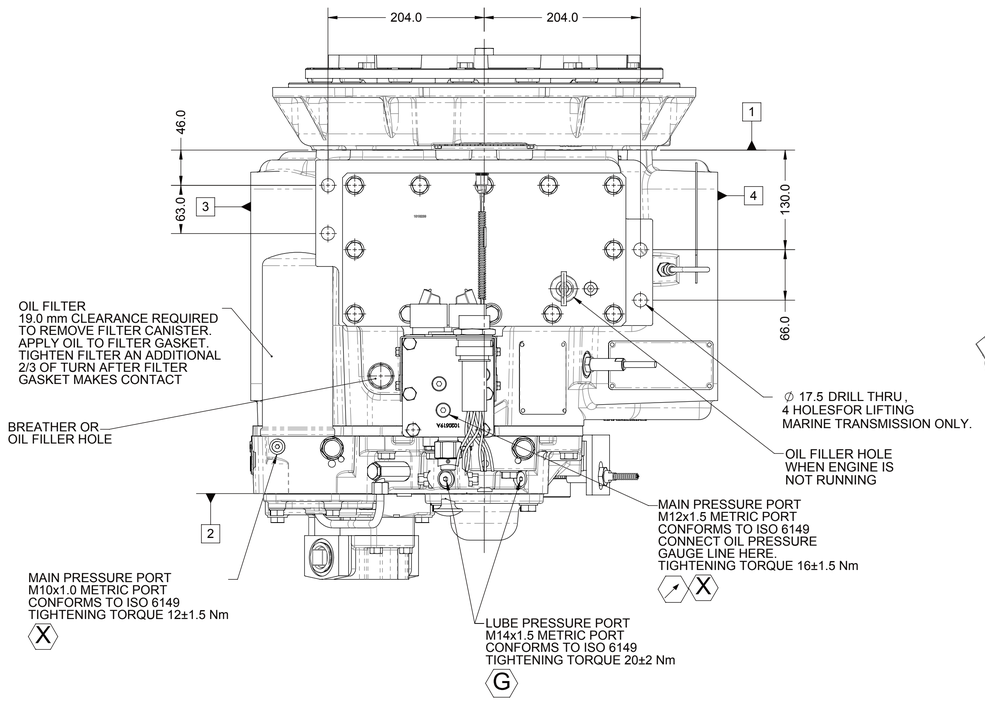
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

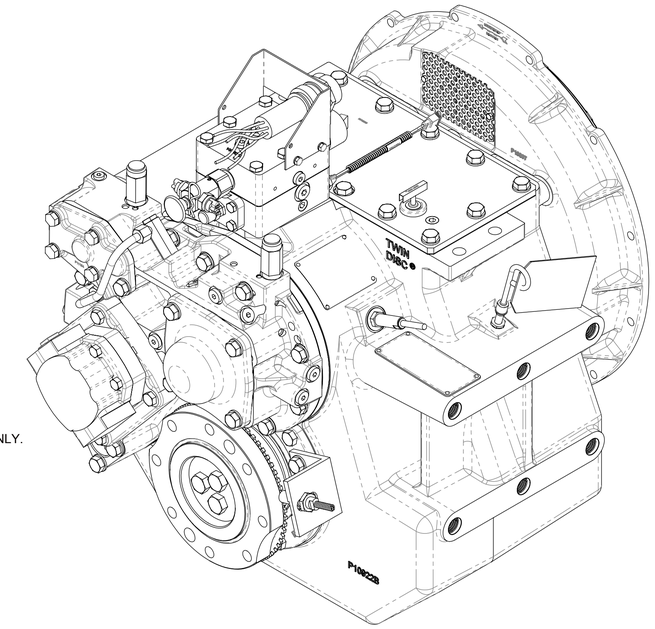
E. UNLESS OTHERWISE SPECIFIED FASTENER TORQUE VALUES AS PER S574 STANDARD.

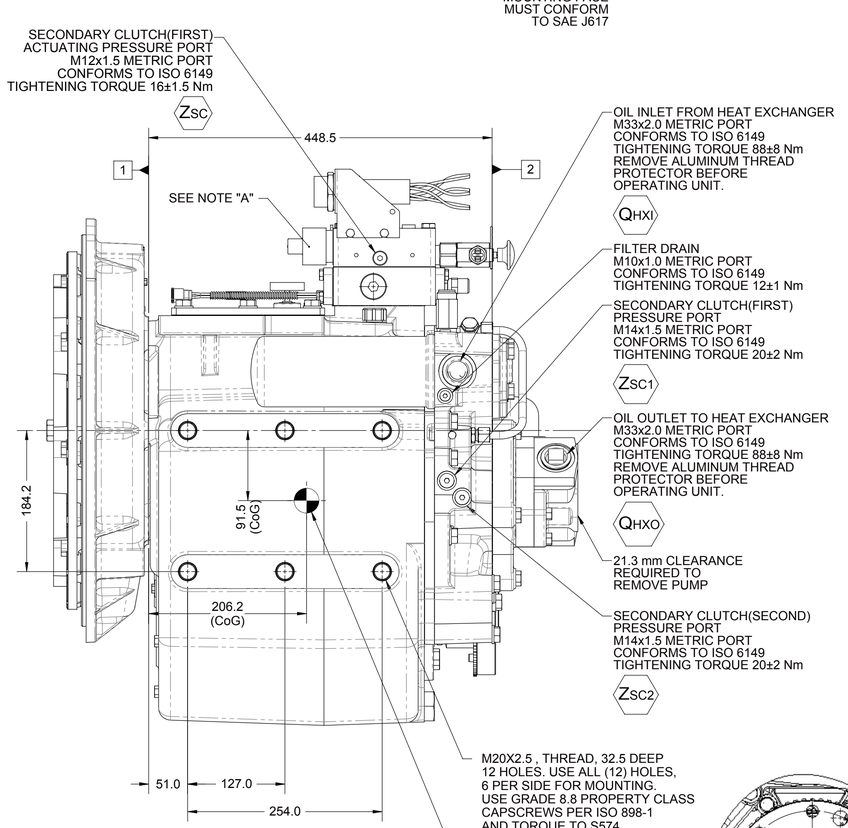
F. ALL POINTS AVAILABLE FOR TESTING CODED ⬡

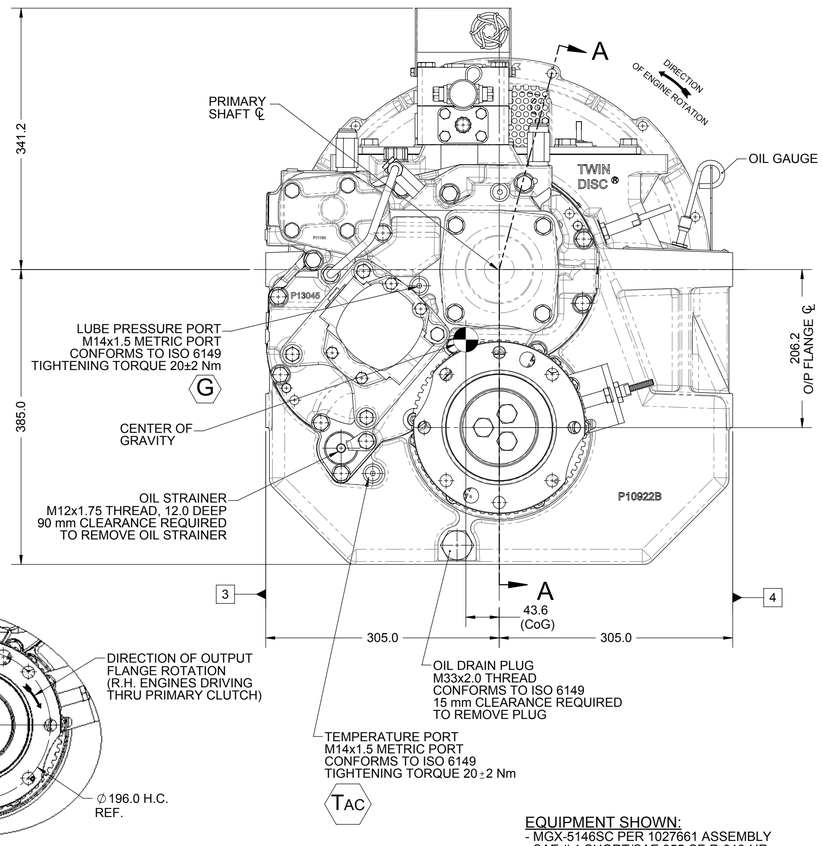


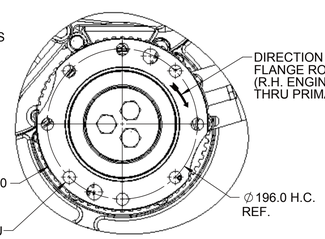
SECTION A-A



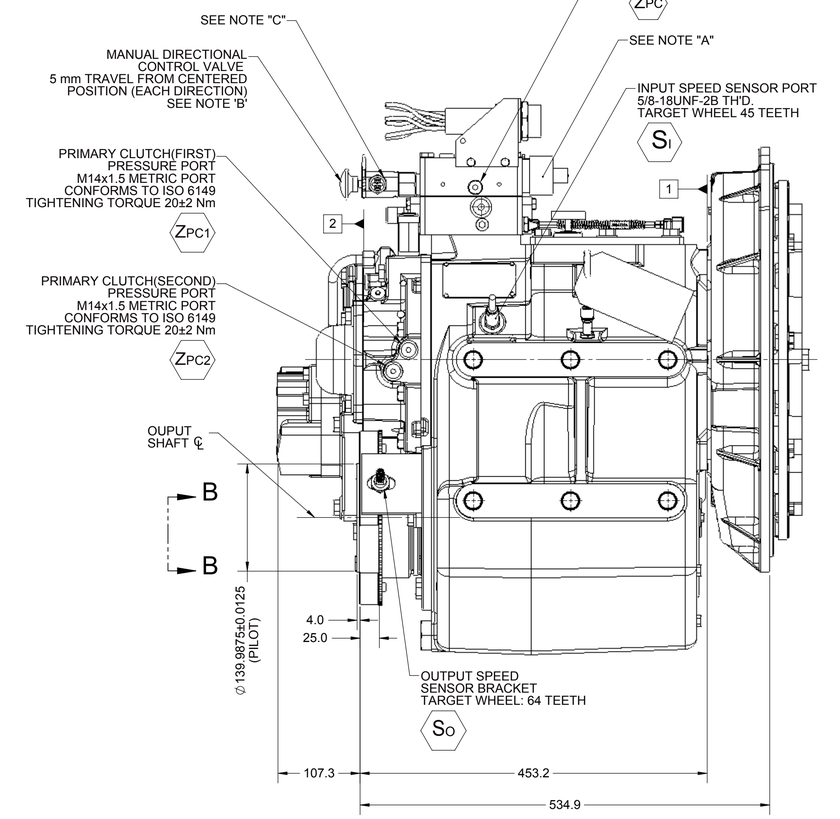








VIEW B-B



EQUIPMENT SHOWN:
- MGX-5146SC PER 1027661 ASSEMBLY
- SAE # 1 SHORT/SAE 355 CF-R-318-HR
- GP VALVE WITH EC300 HARNESS

REV	CHANGE NO.	DATE
-	NDWF-3000313	09/26/2017

FIRST USE ASSEMBLY:	WEIGHT: 333.40 kg	MATERIAL:	DATE: 09/12/2017
FIRST USE MODEL: MGX-5146SC	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-5146SC	CHECKED BY: DV
			APPROVED BY: DV
			DWG SIZE: A1
			SHEET: 1 OF 1
			REV: -

TWIN DISC
RACINE, WI 53403 - USA
1027662D

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1025420W Rev. A