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

NOTES:

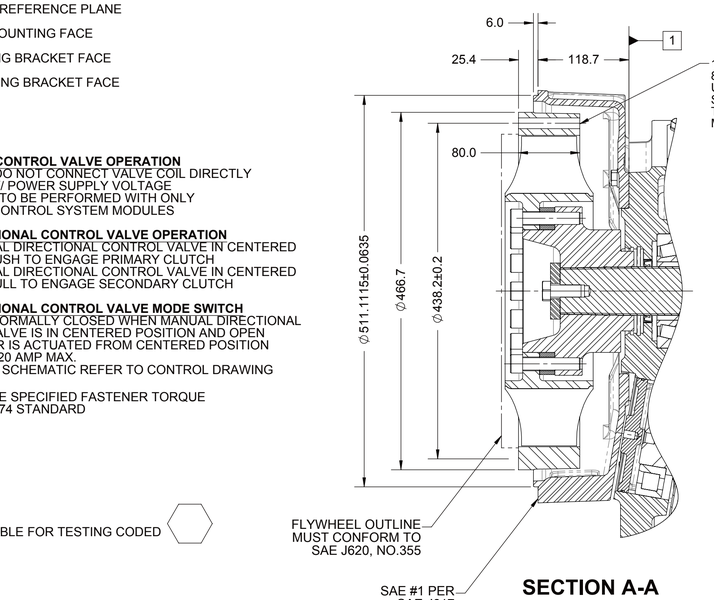
A.PROPORTIONAL CONTROL VALVE OPERATION
1. WARNING - DO NOT CONNECT VALVE COIL DIRECTLY TO BATTERY/ POWER SUPPLY VOLTAGE
2. OPERATION TO BE PERFORMED WITH ONLY TWIN-DISC CONTROL SYSTEM MODULES

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

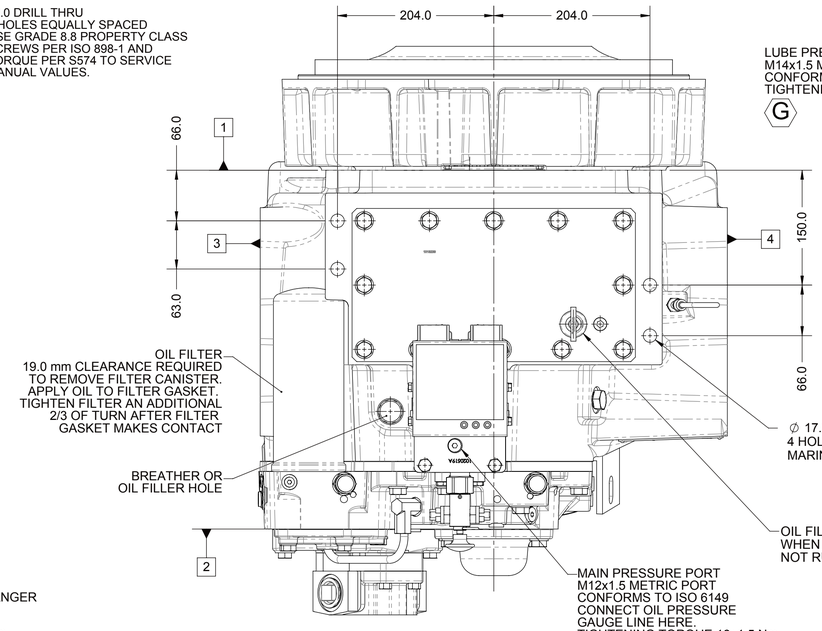
C. MANUAL DIRECTIONAL CONTROL VALVE MODE SWITCH
1. SWITCH IS NORMALLY CLOSED WHEN MANUAL DIRECTIONAL CONTROL VALVE IS IN CENTERED POSITION AND OPEN WHEN LEVER IS ACTUATED FROM CENTERED POSITION
2. CURRENT = 20 AMP MAX.
3. FOR WIRING SCHEMATIC REFER TO CONTROL DRAWING

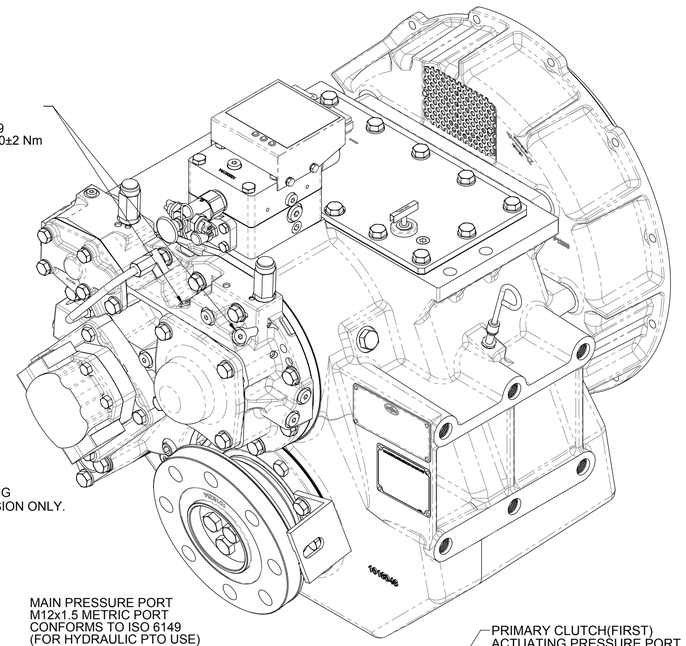
UNLESS OTHERWISE SPECIFIED FASTENER TORQUE VALUES AS PER S574 STANDARD

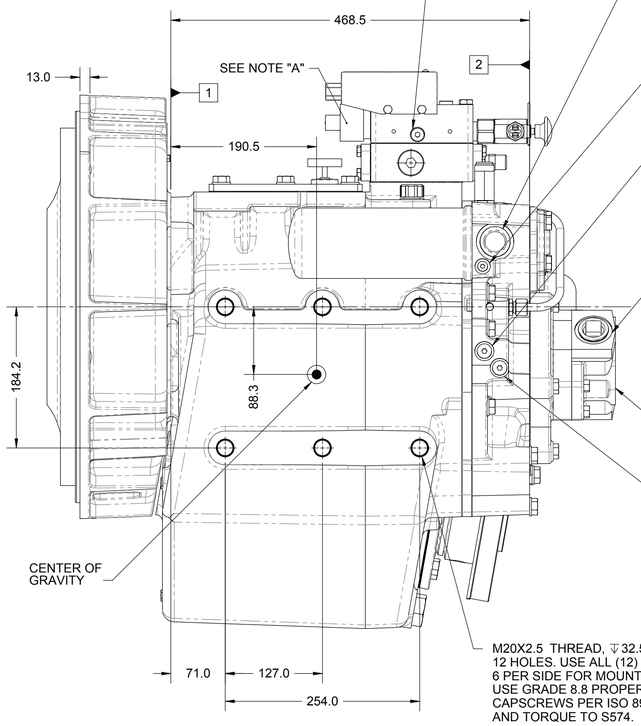
ALL POINTS AVAILABLE FOR TESTING CODED

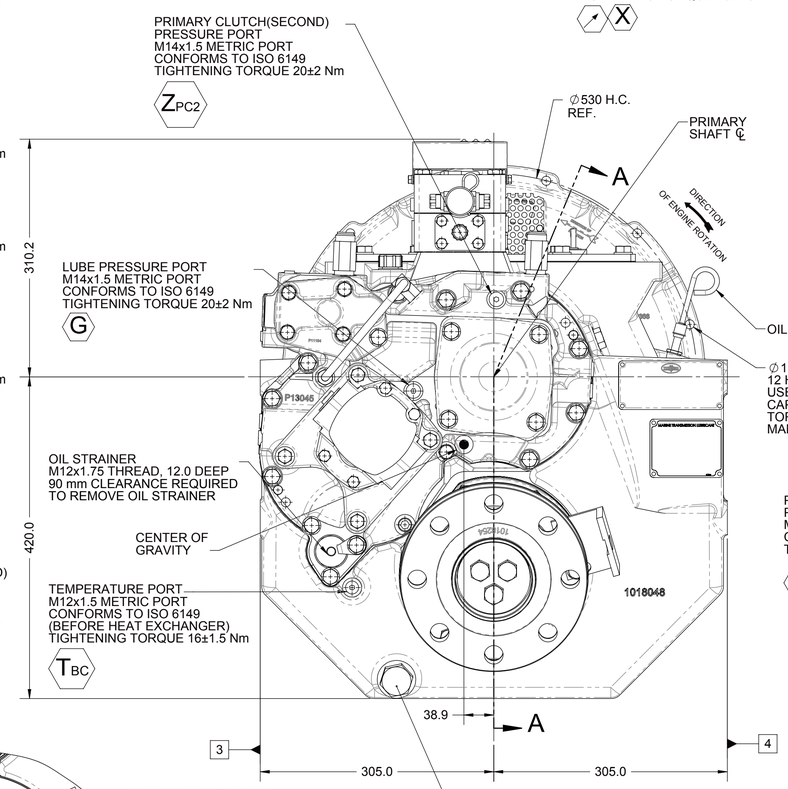


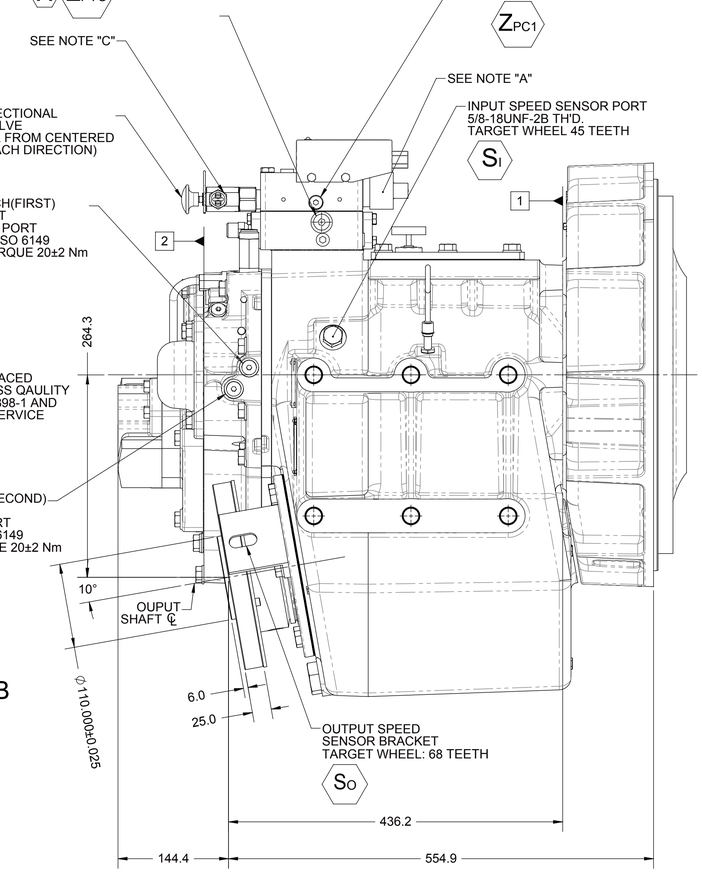
SECTION A-A

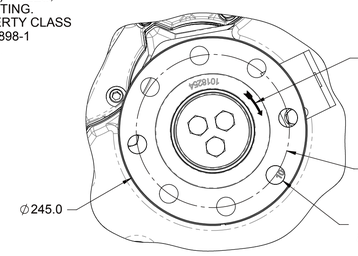












VIEW B-B

EQUIPMENT SHOWN:
- MGX-5146A PER 1027596 ASSEMBLY
- SAE #1
- SAE 355 VULKAN VL-3211S
- GP VALVE WITH EC050 PROFILE MODULE

REV	CHANGE NO.	DATE
-	ECNWF-24449	09/23/2014

FIRST USE ASSEMBLY:
FIRST USE MODEL:
SIMILAR TO:
WEIGHT: 363.5 kg
WR²: kg-m²
THIRD ANGLE PROJECTION
METRIC
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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
MATERIAL:
HEAT TREAT:
DESCRIPTION: INSTALLATION MGX-5146A
DATE: 01/17/2013
SCALE: 1:4
DRAWN BY: MG
CHECKED BY: JMF
APPROVED BY: JMF
DWG SIZE: A1
SHEET: 1 OF 1
REV: -

TWIN DISC
RACINE, WI 53403 - USA
1027597