1 ENGINE MOUNTING FACE

2 PTO GROUP MOUNTING FACE

3 LEFT MOUNTING BRACKET FACE

4 RIGHT MOUNTING BRACKET FACE

5 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

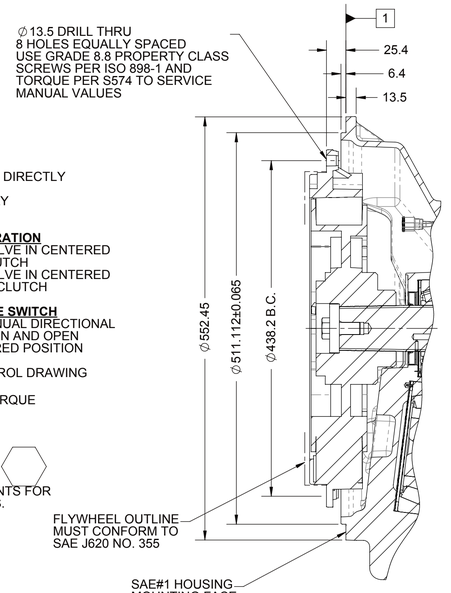
B. MANUAL DIRECTIONAL CONTROL VALVE OPERATION
1. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PUSH TO ENGAGE PRIMARY CLUTCH
2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION PULL TO ENGAGE SECONDARY CLUTCH

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. UNLESS OTHERWISE SPECIFIED FASTENER TORQUE VALUES AS PER S574 STANDARD

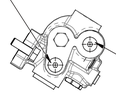
E. ALL POINTS AVAILABLE FOR TESTING CODED

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



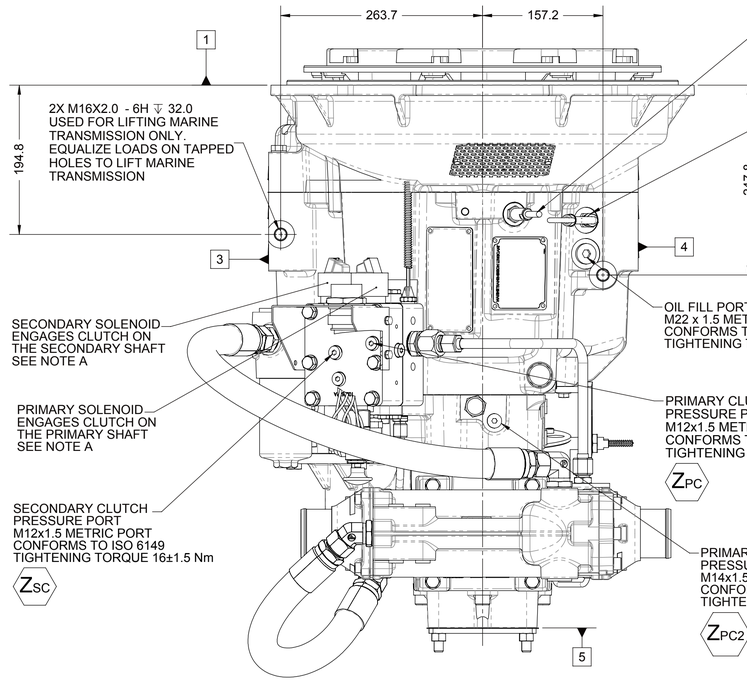
SECTION A-A

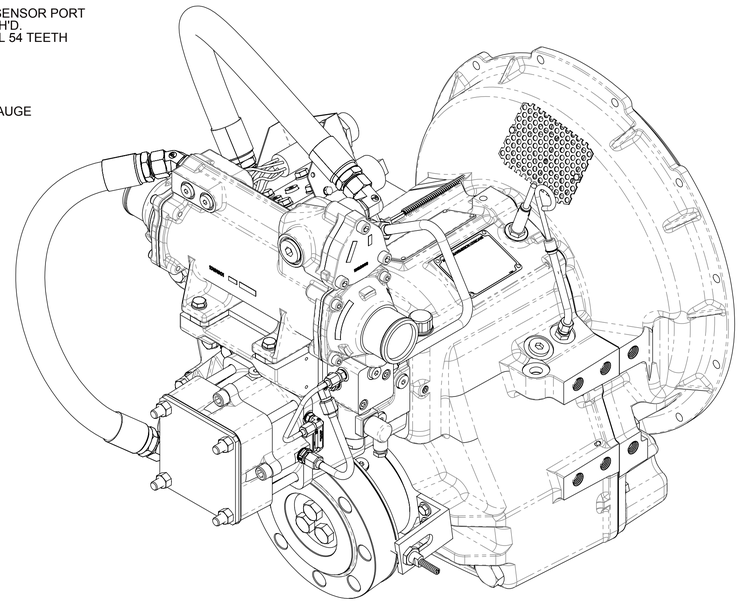
PRESSURE PORT
M14x1.5 METRIC PORT
CONFORMS TO ISO 6149
TIGHTENING TORQUE 20±2 Nm
X



TEMPERATURE PORT
M14x1.5 METRIC PORT
CONFORMS TO ISO 6149
TIGHTENING TORQUE 20±2 Nm
TAC

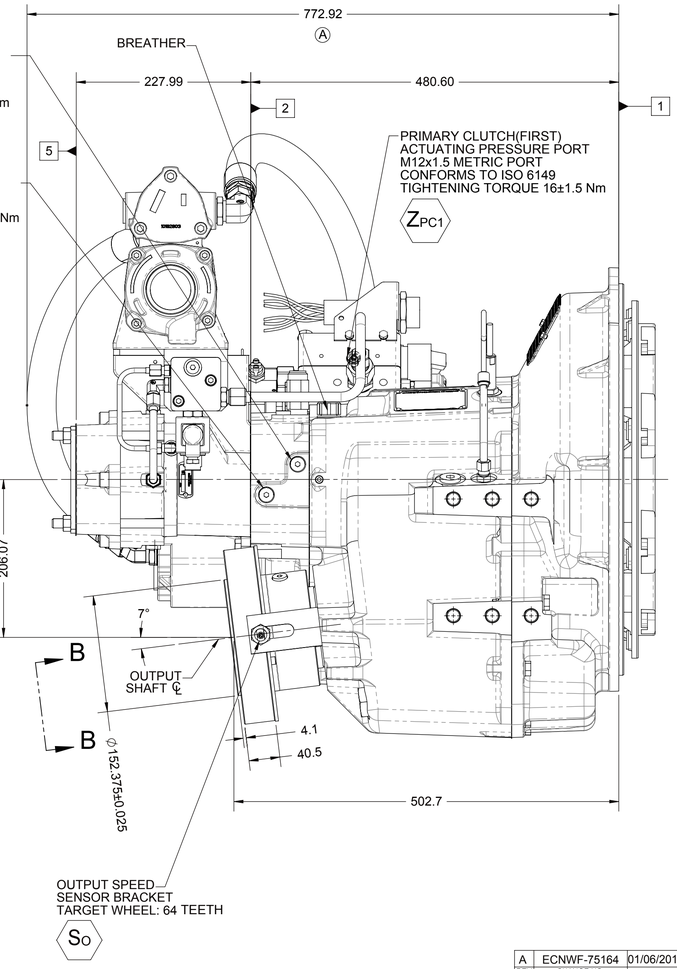
SECTION C-C

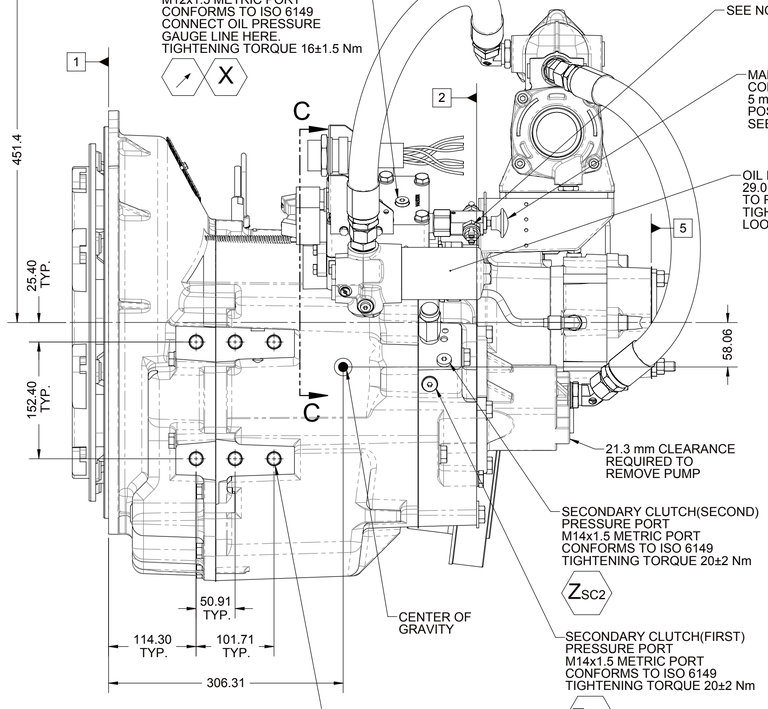




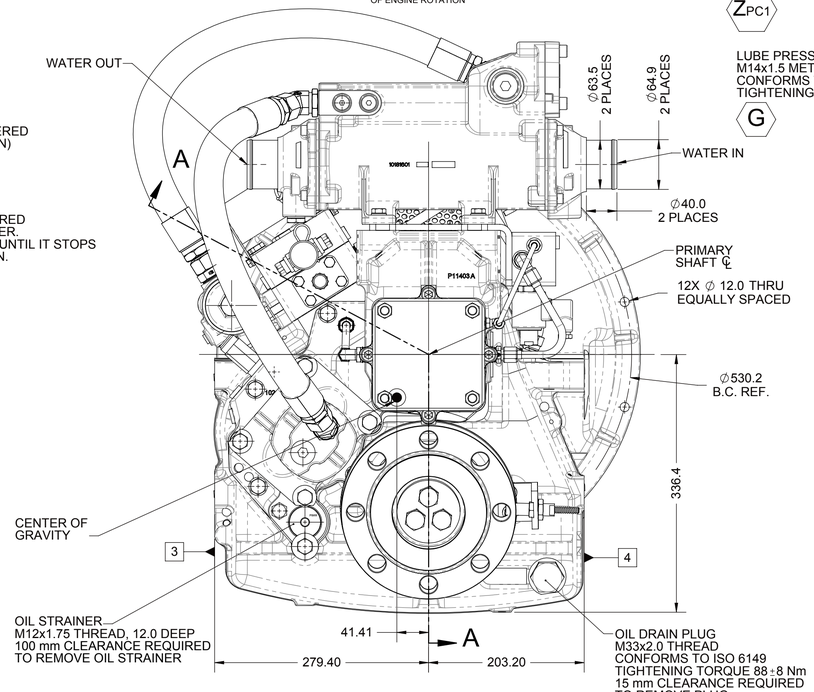
PRIMARY CLUTCH(FIRST) PRESSURE PORT M14x1.5 METRIC PORT CONFORMS TO ISO 6149 TIGHTENING TORQUE 20±2 Nm
ZPC1

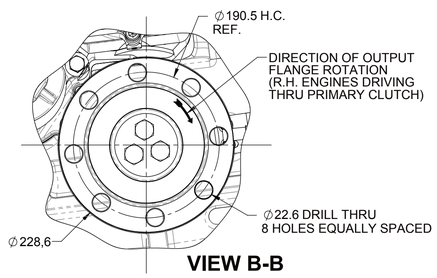
LUBE PRESSURE PORT M14x1.5 METRIC PORT CONFORMS TO ISO 6149 TIGHTENING TORQUE 20±2 Nm
G





DIRECTION OF ENGINE ROTATION





VIEW B-B

EQUIPMENT SHOWN:
- MGX-5126A PER PX12870 ASSEMBLY
- SAE #1/SAE 355 CF-R-268-HR
- EC300 HARNESS (SPD & TEMP SENS)
- MOUNTED FILTER ASSEMBLY
- MOUNTED PM13008A HEAT EXCHANGER
- LIVE SAE 127-4 PTO HOUSING ADAPTER FOR MTD. HE
- 127-4, 32-4 HYDRAULIC PTO

REV	CHANGE NO.	DATE
A	ECNWF-75164	01/06/2017

FIRST USE ASSEMBLY: PX12870
FIRST USE MODEL: MGX-5126A
SIMILAR TO:
WEIGHT: 274.68 kg
WR²: kg-m²
METRIC
THIRD ANGLE PROJECTION
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-5126A
DATE: 12/10/2015
SCALE: 1:4
DRAWN BY: PM
CHECKED BY: DV
APPROVED BY: DV
DWG SIZE: A1
SHEET: 1 OF 1
REV: A

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TWIN DISC
RACINE, WI 53403 - USA
1026597B

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