1 ENGINE FLYWHEEL HOUSING MOUNTING FACE
2 PTO GROUP MOUNTING FACE
3 LEFT BRACKET MOUNTING FACE
4 RIGHT BRACKET MOUNTING 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.

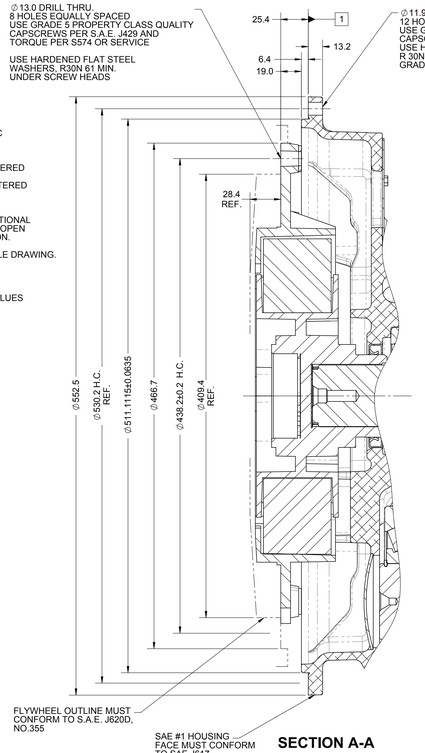
B. MANUAL DIRECTIONAL CONTROL VALVE OPERATION.
1. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION, PUSH TO ENGAGE PRIMARY CLUTCH.
2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION, PULL TO ENGAGE SECONDARY CLUTCH.

C. MANUAL DIRECTIONAL CONTROL VALVE MODE SWITCH.
1. SWITCH IS NORMALLY CLOSED WHEN MANUAL DIRECTIONAL CONTROL VALVE IS IN 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.

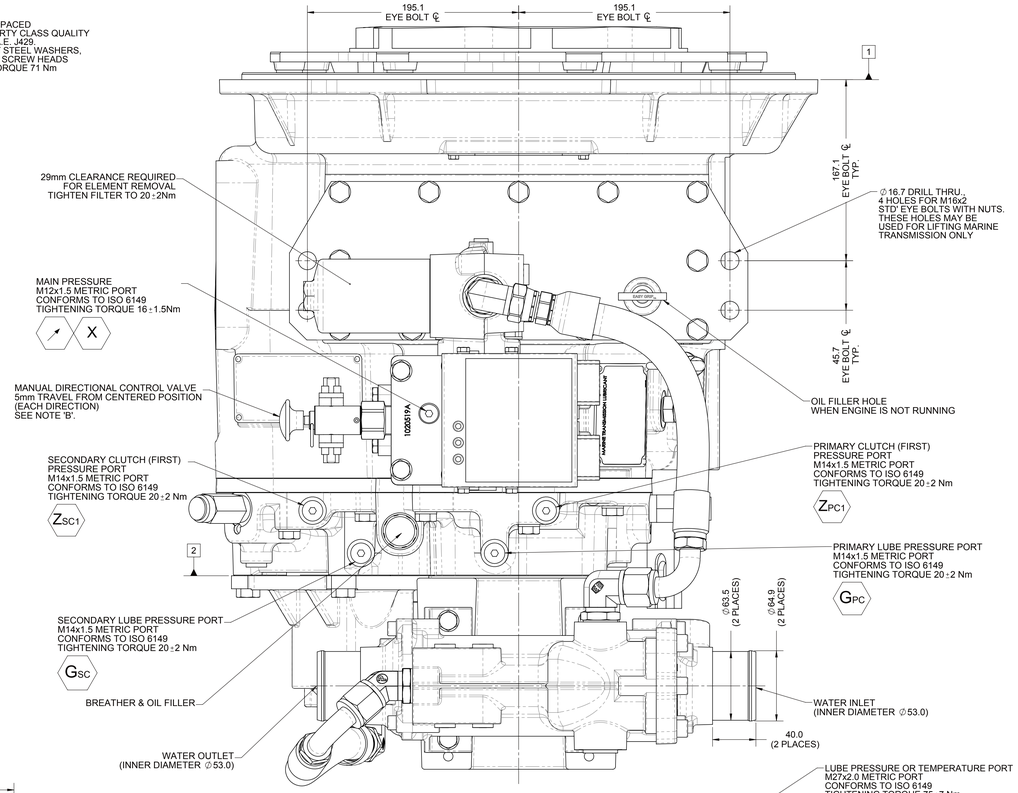
D. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND ALARM LEVELS.

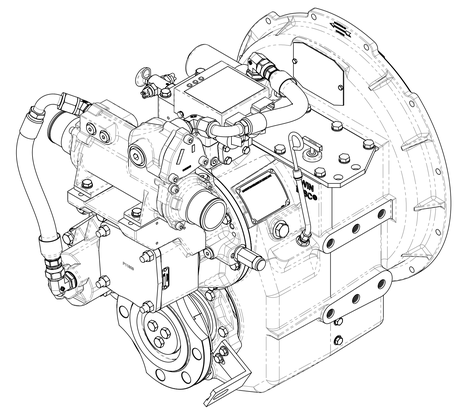
E. UNLESS OTHERWISE SPECIFIED, FASTENER TORQUE VALUES PER S574 STANDARD.

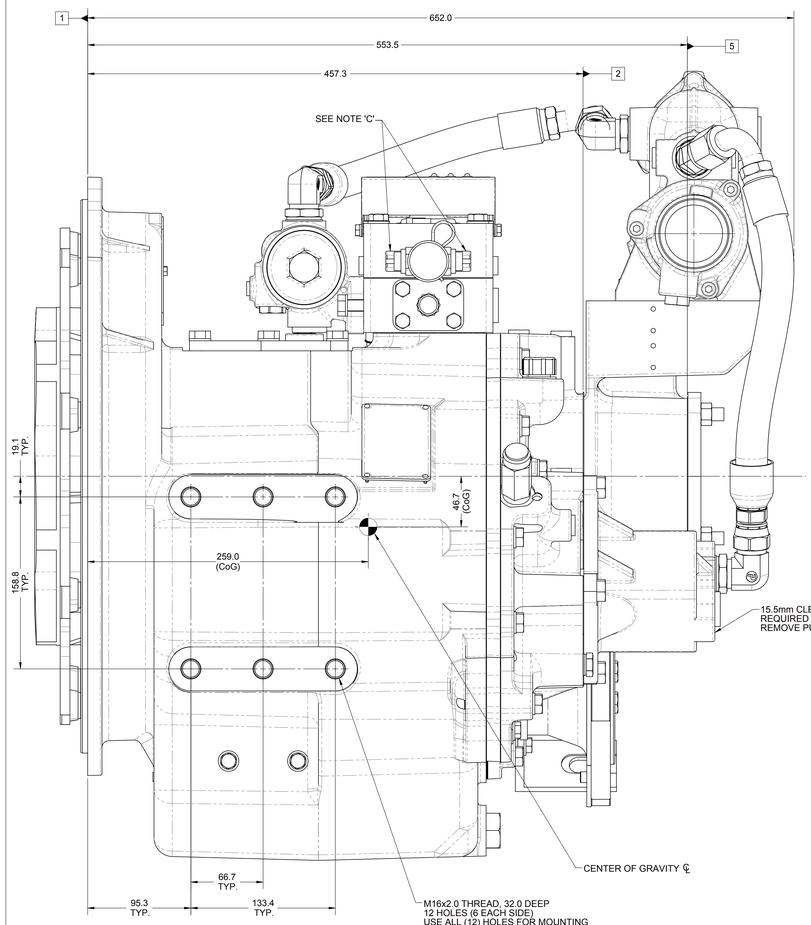
F. ALL POINTS AVAILABLE FOR TESTING ARE CODED

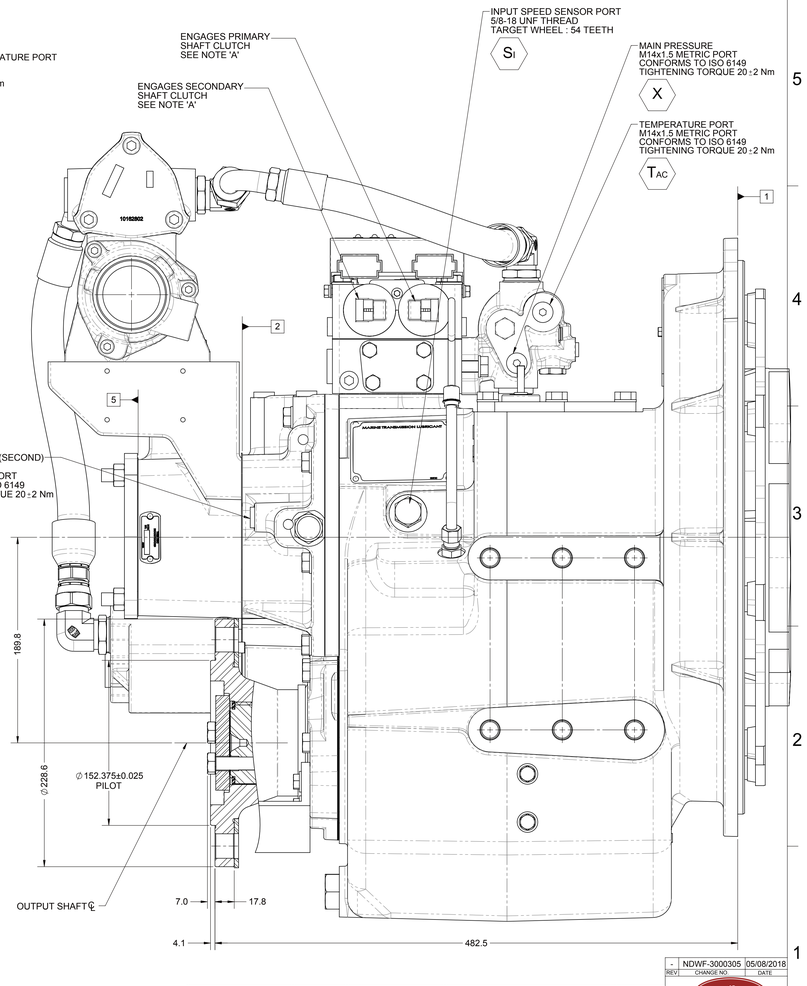


SECTION A-A









EQUIPMENT SHOWN:

- MGX-5114SC PER PX13160 ASSEMBLY
- SAE # 1 - SAE 355 - CENTA CF-R-216 COUPLING
- GP VALVE WITH EC050 PROFILE MODULE
- PM13008 MOUNTED HEAT EXCHANGER GROUP
- SAE 127-4 PTO ADAPTER W\ HEAT EXCHANGER BRACKET

REV.	CHANGE NO.	DATE
-	NDWF-3000305	05/08/2018

FIRST USE ASSEMBLY:	WEIGHT: 240 lb	THIRD ANGLE PROJECTION	MATERIAL:
FIRST USE MODEL: MGX-5114SC	WK² kg-m²		HEAT TREAT:
SIMILAR TO	UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS X ±0.76 .XX ±0.25 .XXX ±0.13 ALL ANGULAR TOLERANCES ±1° GEOMETRIC TOLERANCING PER ASME Y14.5M 1994		DESCRIPTION: INSTALLATION MGX-5114SC

METRIC

NOTICE: THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF TWIN DISC, INCORPORATED. THIS NOTICE IS EXPRESSLY GRANTED TO THE U.S. GOVERNMENT OR OTHERS BY CONTRACT.

DATE:	04/25/2018
SCALE:	1:2
DRAWN BY:	LT
CHECKED BY:	DV
APPROVED BY:	DV
DWG SIZE:	A0
SHEET:	1 OF 1
REV:	-

TWIN DISC
RACINE, WI 53403 - USA
PX13254C

1025420W Rev. A