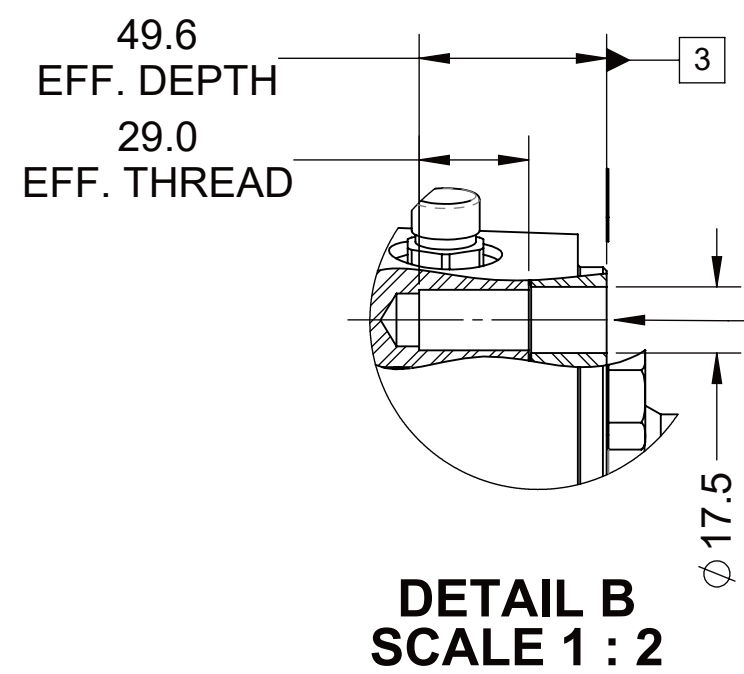
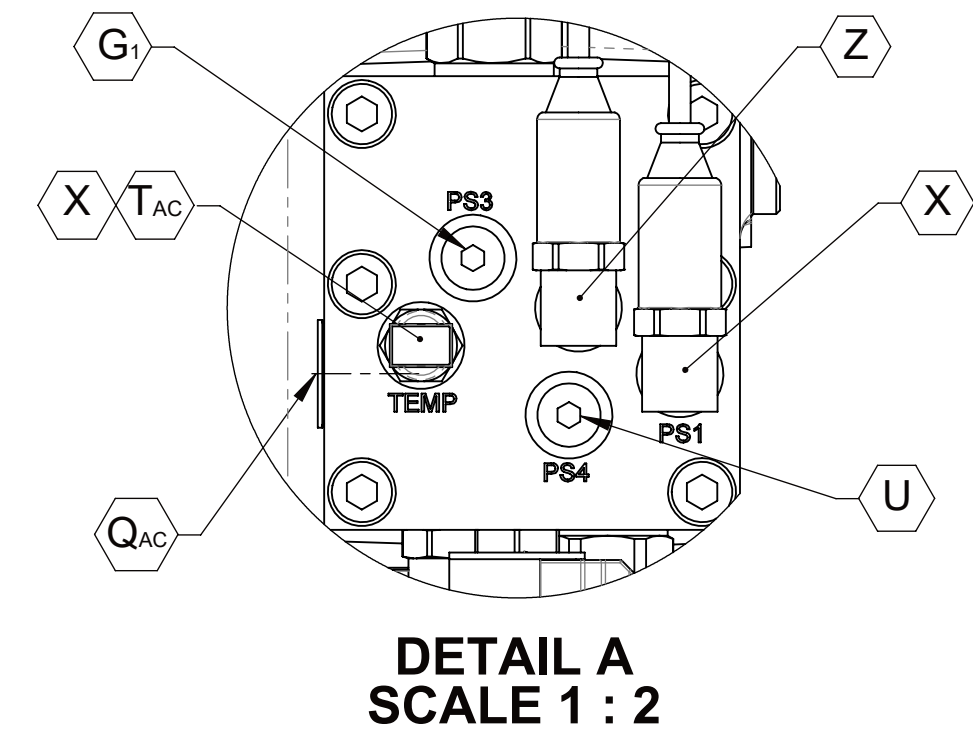
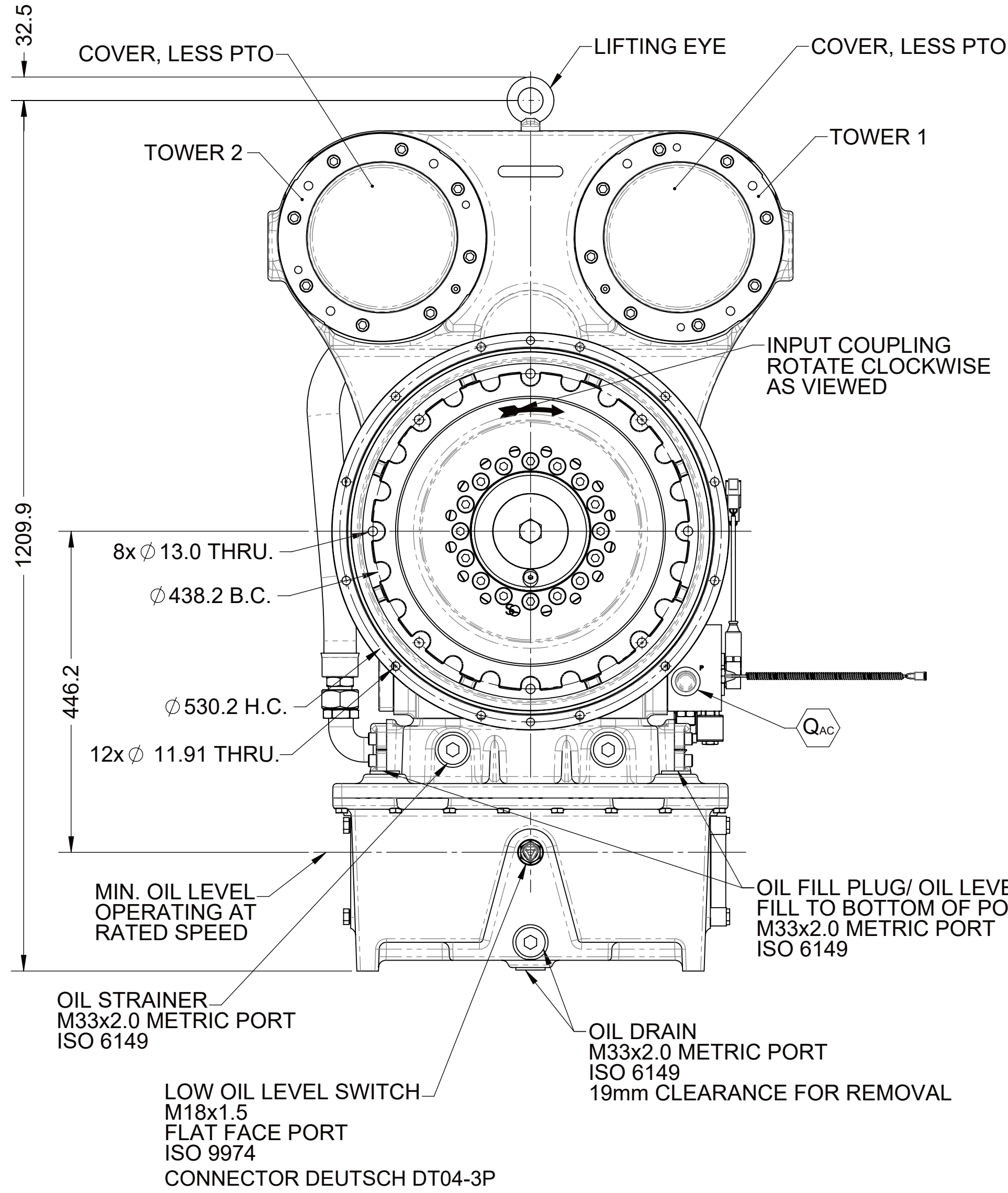


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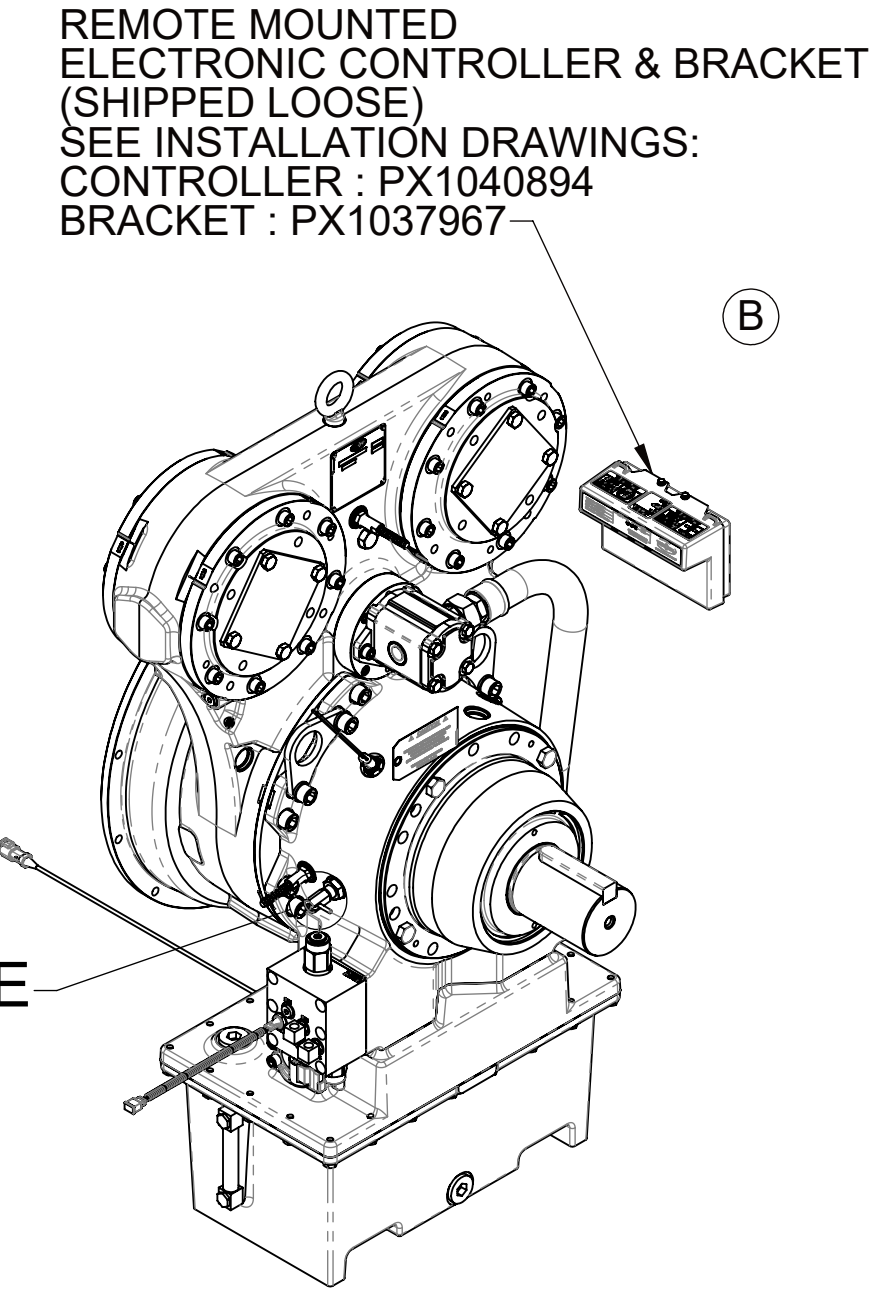
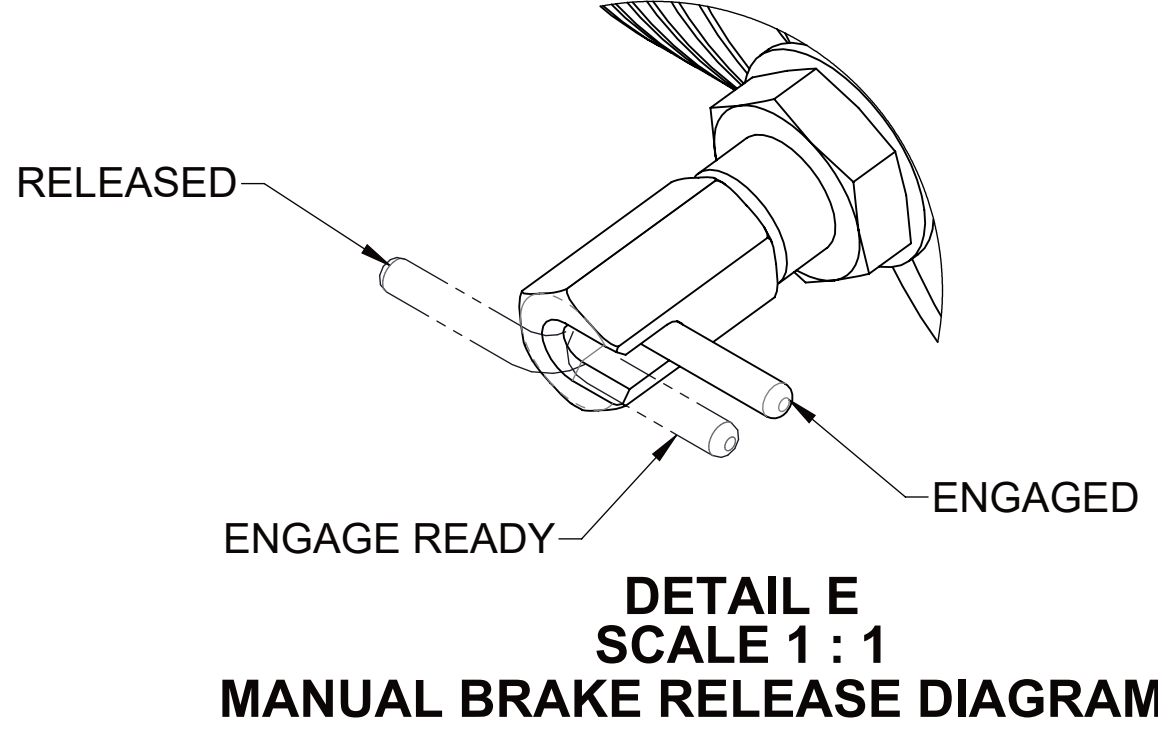
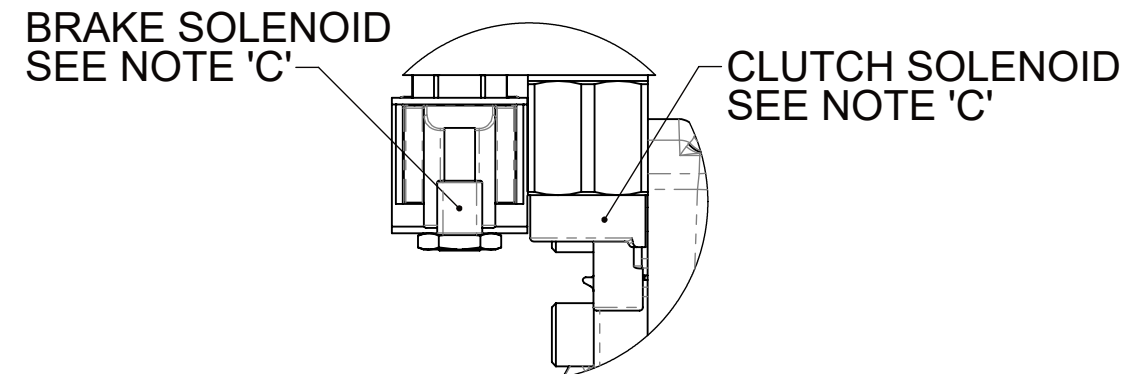
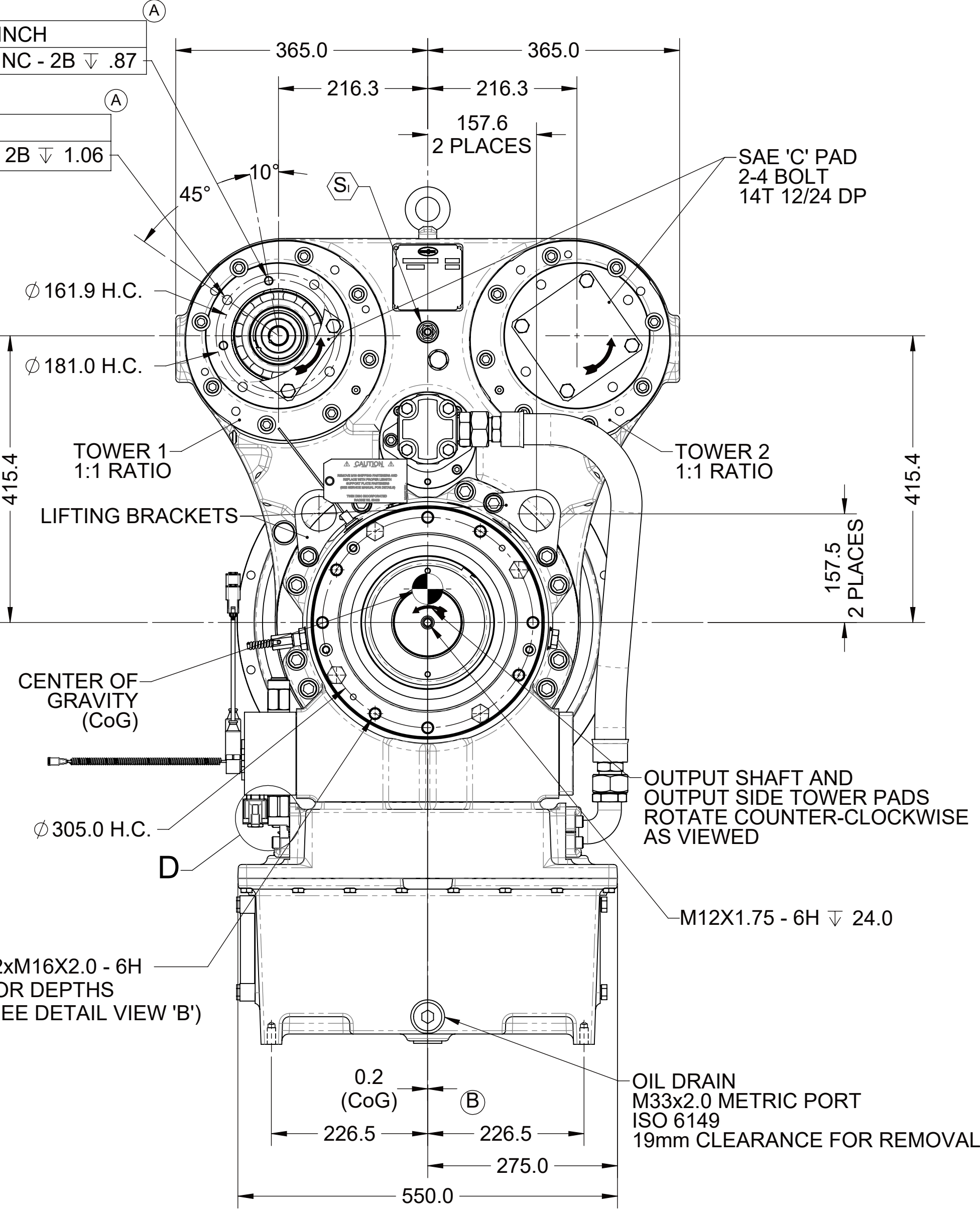
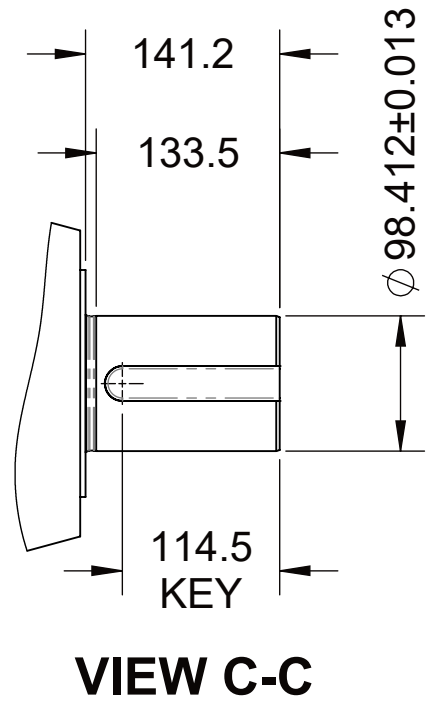
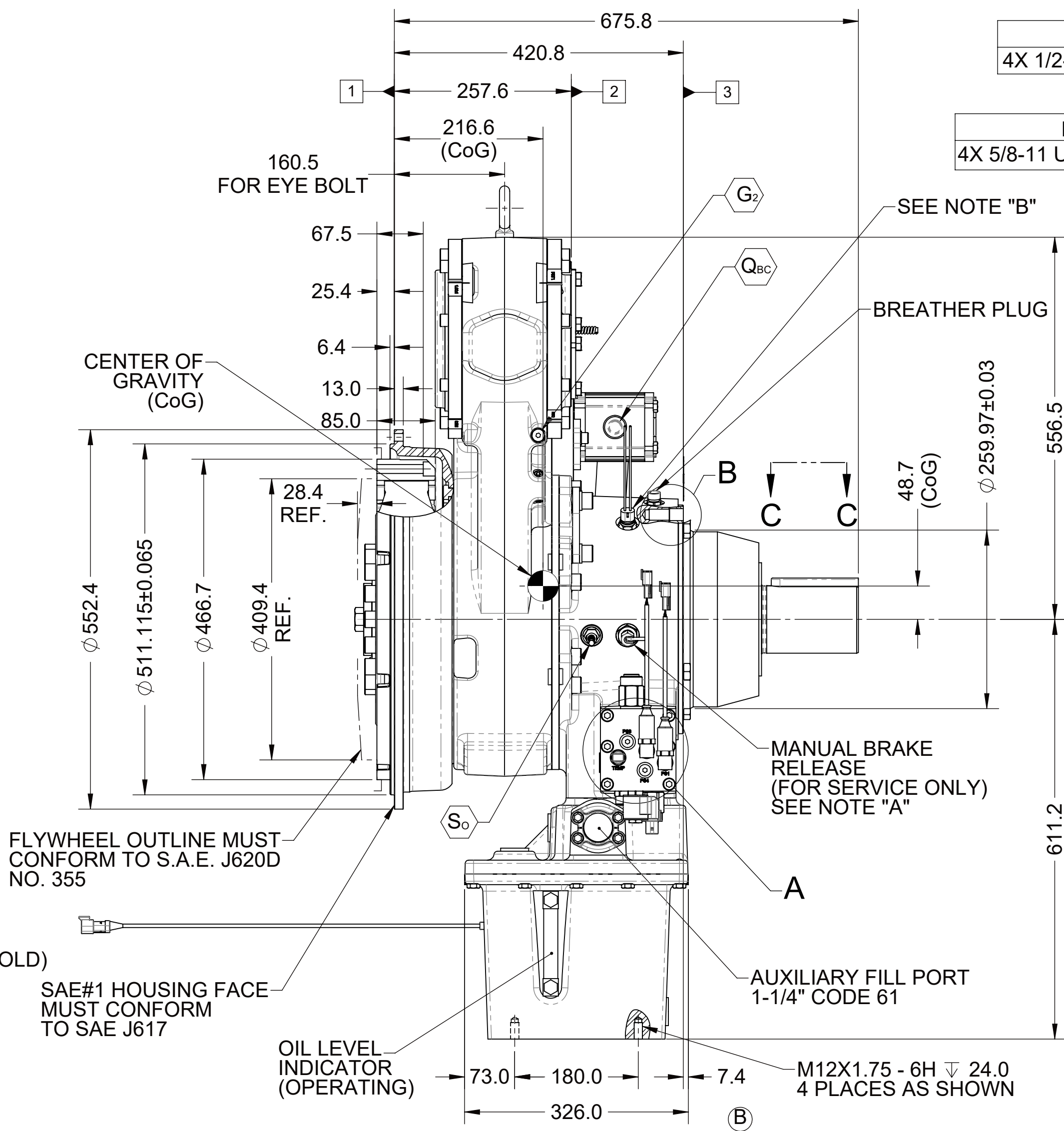
ENGINE FLYWHEEL HOUSING MOUNTING FACE
- 2

OUTPUT SIDE PUMP MOUNTING FACE (BOTH TOWER 1 & 2)
- 3

SUPPORT PLATE MOUNTING FACE



TEST PORTS					
SYMBOL	DESCRIPTION	PORT/ STANDARD	DESCRIPTION	CLEARANCE FOR REMOVAL (mm)	ELECTRICAL CONNECTION
G ₁	LUBE	M12 X 1.5 / ISO 6149	O-RING PORT	11.5	-
G ₂	LUBE	M14 X 1.5 / ISO 9974	FLAT FACE PORT	12	-
Q _{AC}	FLOW AFTER COOLER	M27 X 2.0 / ISO 6149	O-RING PORT	20	-
Q _{BC}	FLOW BEFORE COOLER	7/8" -14 / UNF	O-RING PORT	-	-
S _i	INPUT SPEED SENSOR (53 PULSES PER REV.)	5/8"-18 / UNF	FLAT FACE PORT	-	DEUTCH DT04-3P
S _o	OUTPUT SPEED SENSOR (65 PULSES PER REV.)	5/8"-18 / UNF	FLAT FACE PORT	-	DEUTCH DT04-3P
T _{AC}	TEMPERATURE AFTER COOLER	M12 X 1.5 / ISO 6149	O-RING PORT	27	DEUTCH DT06-2S
U	BRAKE PRESSURE	M12 X 1.5 / ISO 6149	O-RING PORT	11.5	-
X	MAIN PRESSURE	M12 X 1.5 / ISO 6149	O-RING PORT	11.5	-
Z	CLUTCH PRESSURE	M12 X 1.5 / ISO 6149	O-RING PORT	11.5	-



- NOTES:
- A. MANUAL BRAKE RELEASE:
SEE DETAIL 'E'.
- B. MANUAL BRAKE RELEASE SWITCH:
SWITCH IS NORMALLY CLOSED
WHEN MANUAL BRAKE RELEASE IS 'ENGAGED'
- C. PROPORTIONAL CONTROL VALVE AND SOLENOID OPERATION:
1. WARNING DO NOT CONNECT VALVE COIL DIRECTLY TO
BATTERY/ POWER SUPPLY VOLTAGE.
2. OPERATION TO BE PERFORMED WITH ONLY TWIN DISC
CONTROL SYSTEMS OR MODULES
- D. ALL POINTS AVAILABLE FOR TESTING ARE CODED ∇ .
- E. ALL PLUGS AND TEST PORTS ∇ TO BE
TORQUED PER S574 O-RING PORT SPECIFICATIONS
(SEE OWNER'S MANUAL)
- F. REFER TO MANUAL FOR RECOMMENDED OIL, CHECKING, AND
MAINTENANCE PROCEDURES

FIRST USE ASSEMBLY: S1035295
FIRST USE MODEL: HP800P
SIMILAR TO: 1029600J

WEIGHT: 662_g
WR: kg m³

METRIC

NOTES: THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS
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TWIN DISC, INCORPORATED
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GRANTED TO THE U.S. GOVERNMENT OR OTHERS BY CONTRACT.

THIRD ANGLE
PROJECTION

UNLESS OTHERWISE SPECIFIED
MACHINED DIMENSIONS
X X
X X
X X
ALL ANGULAR TOLERANCES \pm 1°
GEOMETRIC TOLERANCING
PER ASME Y14.5M 1994

MATERIAL:
HEAT TREAT:
DESCRIPTION:
INSTALLATION
HPTO, HP800

DATE:
6/8/2018
SCALE:
1:5.5
DRAWN BY:
L.T.
CHECKED BY:
YU
APPROVED BY:
DAJ

ECNWF-100635 03/22/2021
CHANGE NO. DATE
TWIN DISC
RACINE, WI 53403 - USA
1029600K
DWG SIZE: A1
SHEET: 1 OF 1
REV: B