

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

OUTPUT SPEED SENSOR	
RATIO	NO. OF TEETH
2.57 : 1	45
1.98 : 1	50
1.80 : 1	49
1.52 : 1	46
1.23 : 1	42
1.05 : 1	38

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 SECONDARY CLUTCH.
2. WITH MANUAL DIRECTIONAL CONTROL VALVE IN CENTERED POSITION, PULL TO ENGAGE PRIMARY 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. INPUT SPEED SENSOR

1. APPLY ANAEROBIC SEALANT PER MA908 TO SPEED SENSOR THREADS.
2. ASSEMBLE SENSOR UNTIL CONTACTING THE GEAR TOOTH TIP AND THEN BACK OUT SENSOR "ONE" FULL TURN.
3. USE JAM NUT TO SECURE THE SENSOR POSITION, TIGHTENING TORQUE 5 Nm.

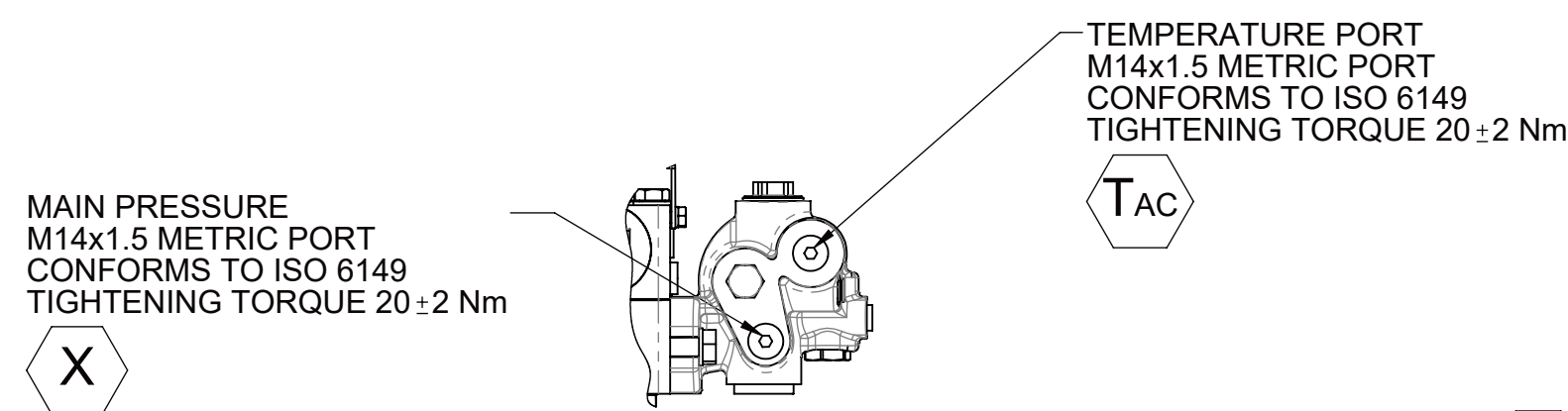
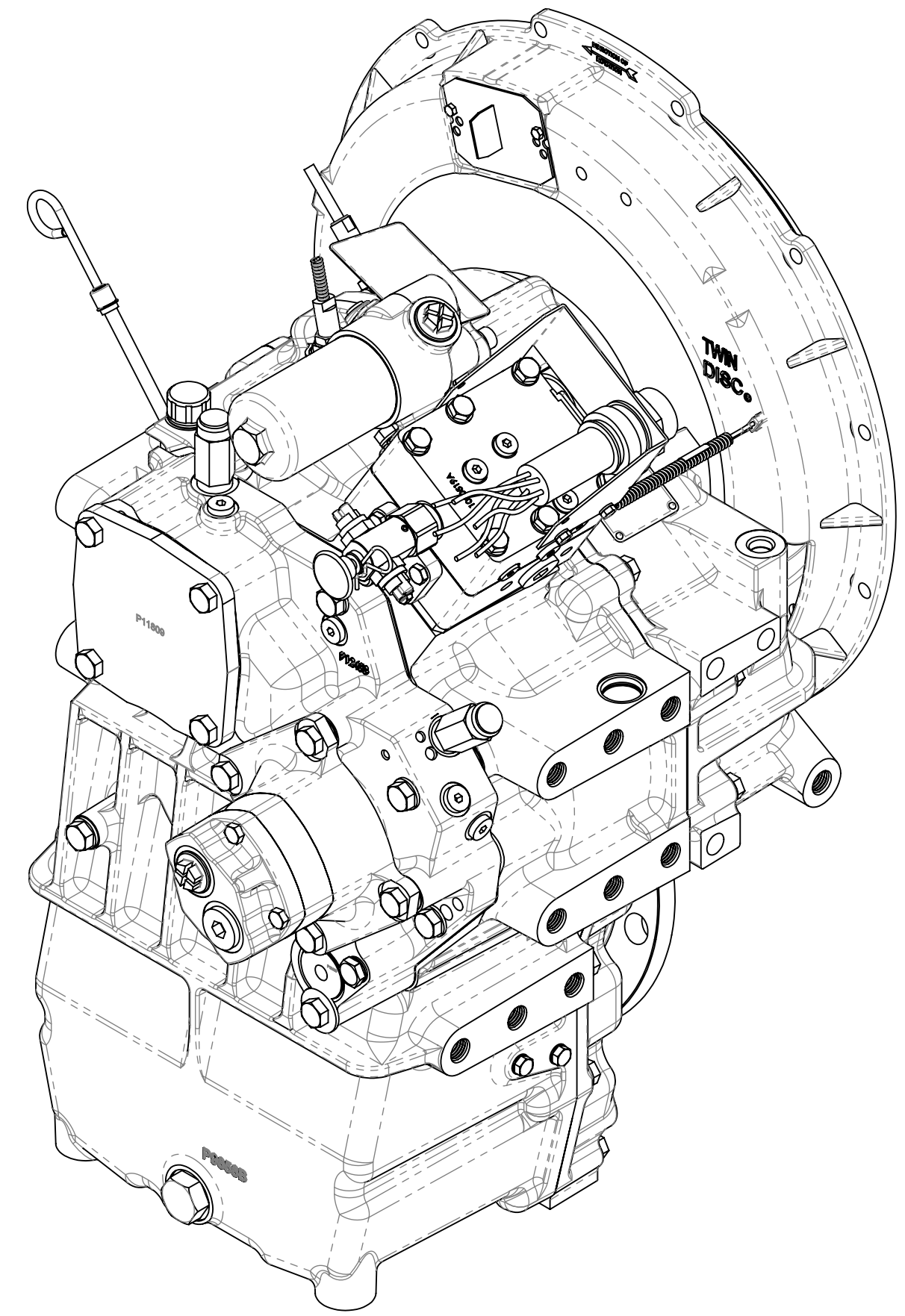
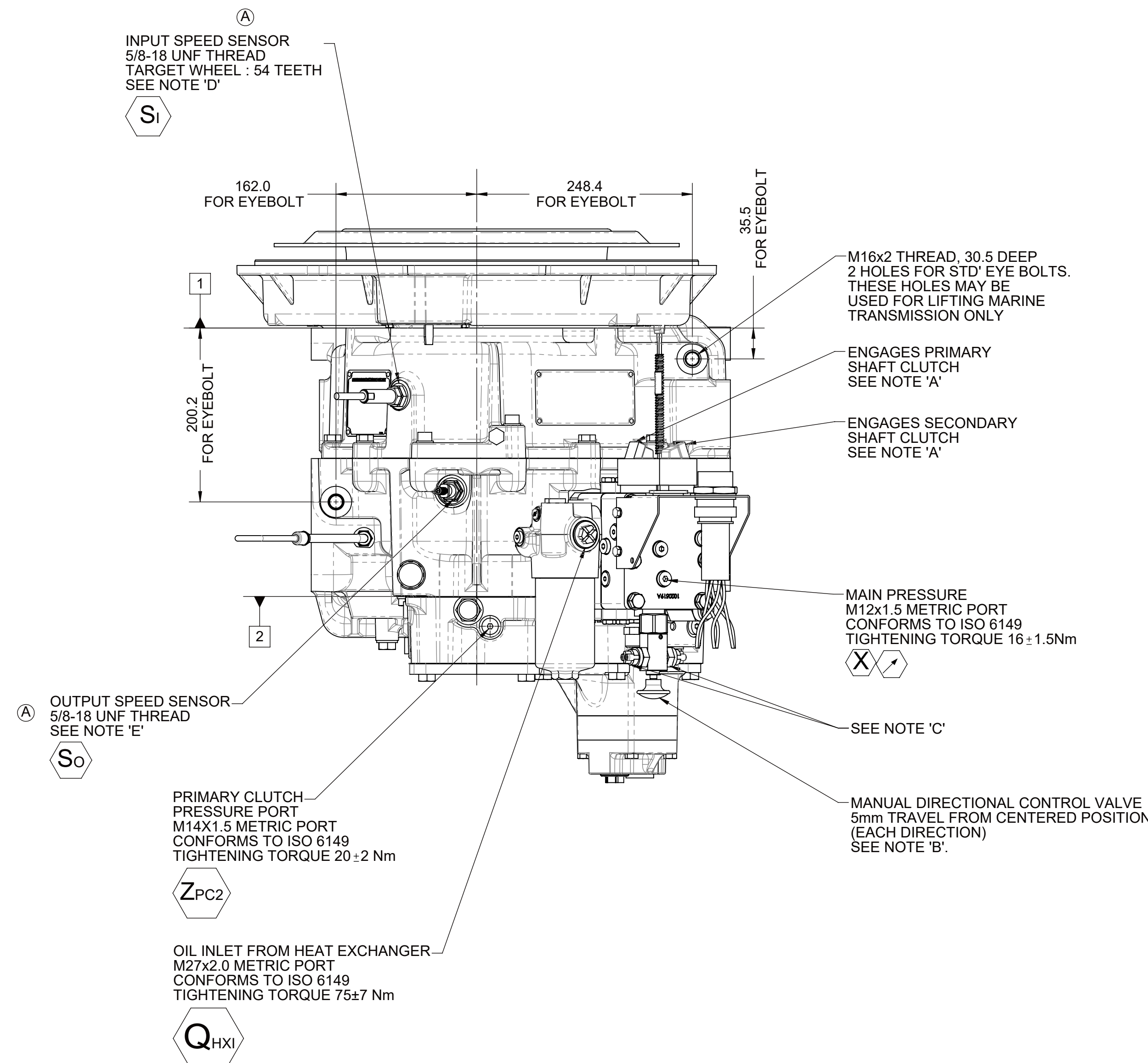
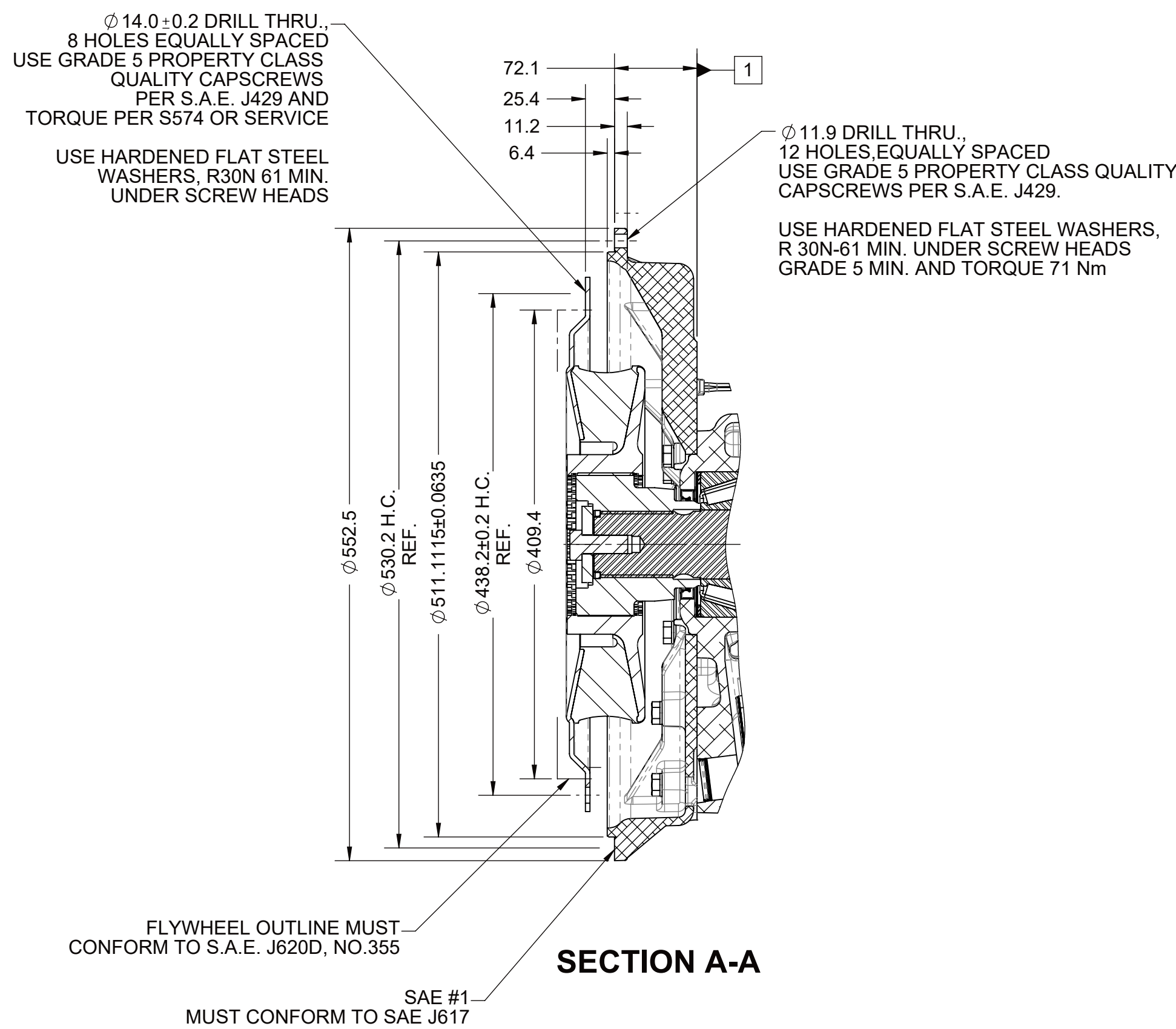
E. OUTPUT SPEED SENSOR

1. APPLY ANAEROBIC SEALANT PER MA908 TO SPEED SENSOR THREADS.
2. ASSEMBLE SENSOR UNTIL CONTACTING THE GEAR TOOTH TIP AND THEN BACK OUT SENSOR "TWO" FULL TURNS.
3. USE JAM NUT TO SECURE THE SENSOR POSITION, TIGHTENING TORQUE 5 Nm.
4. SEE TABLE FOR NUMBER OF PINION TEETH.

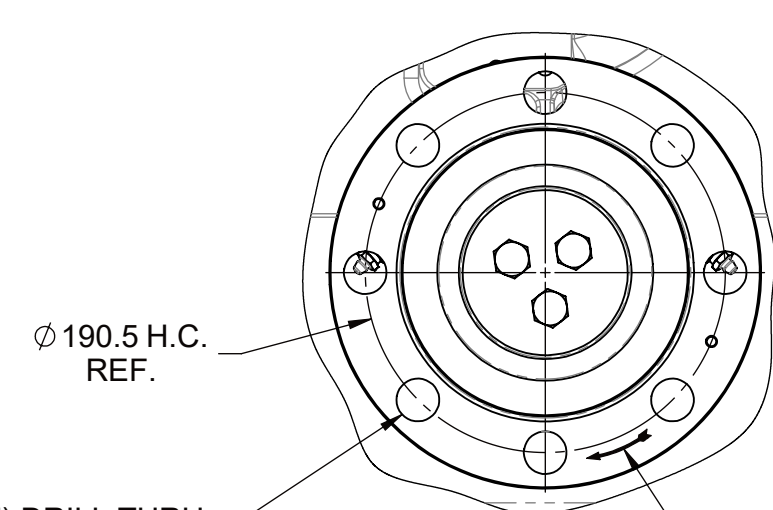
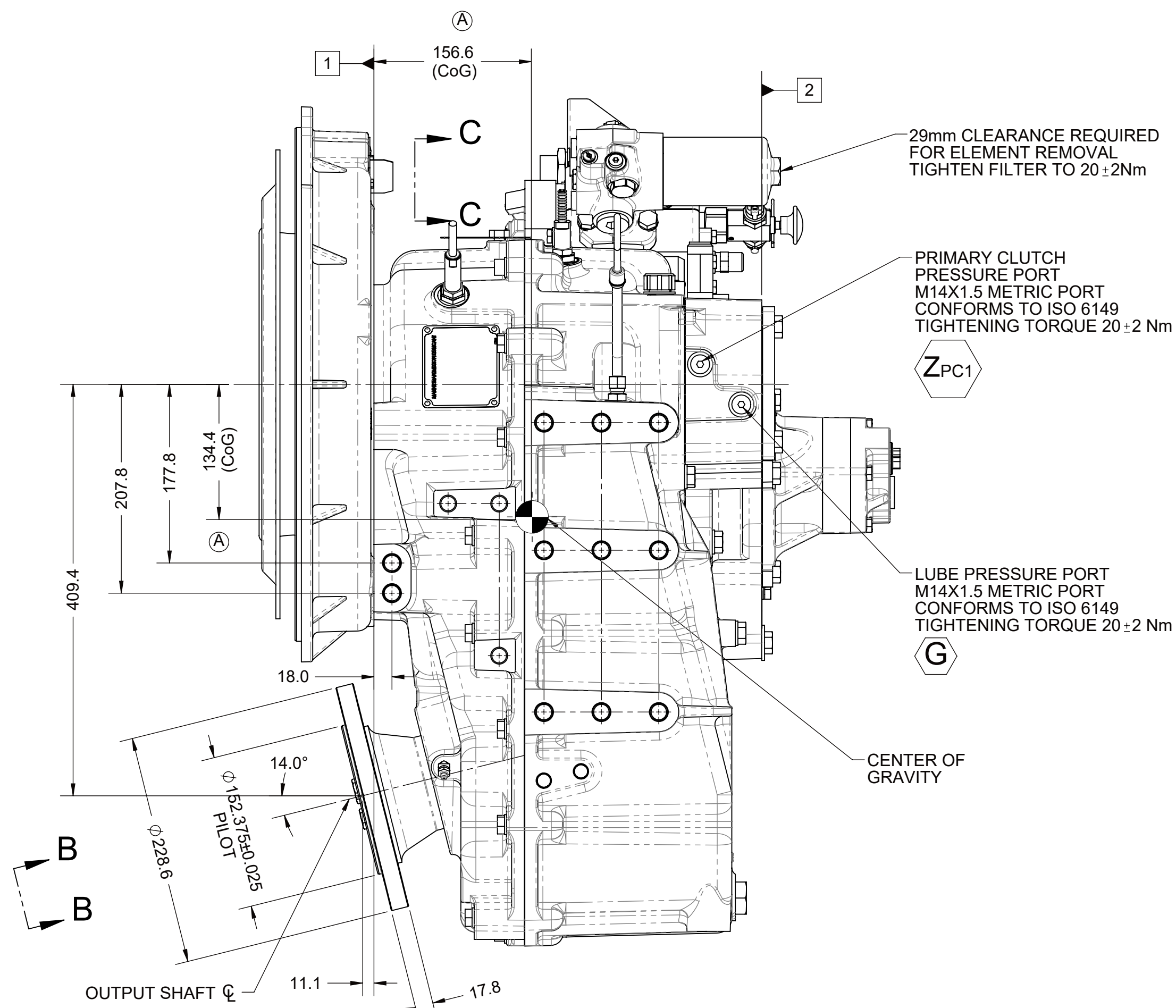
NOTES:

- REFERENCE S930 FOR TWIN DISC REQUIREMENT FOR PRESSURE AND TEMPERATURE ALARM LEVELS.
- UNLESS OTHERWISE SPECIFIED FASTENER TORQUE VALUES PER S574 STANDARD.

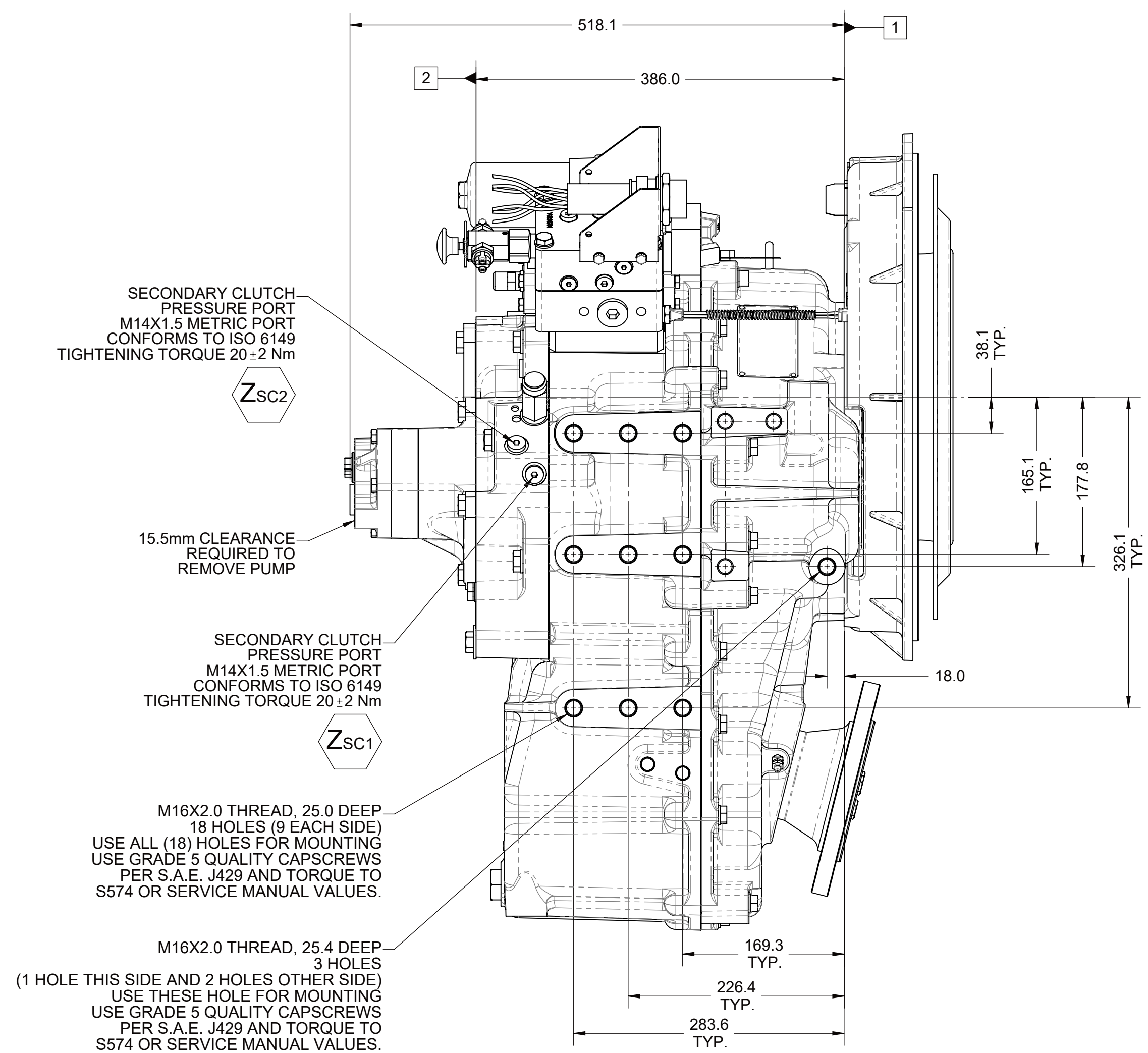
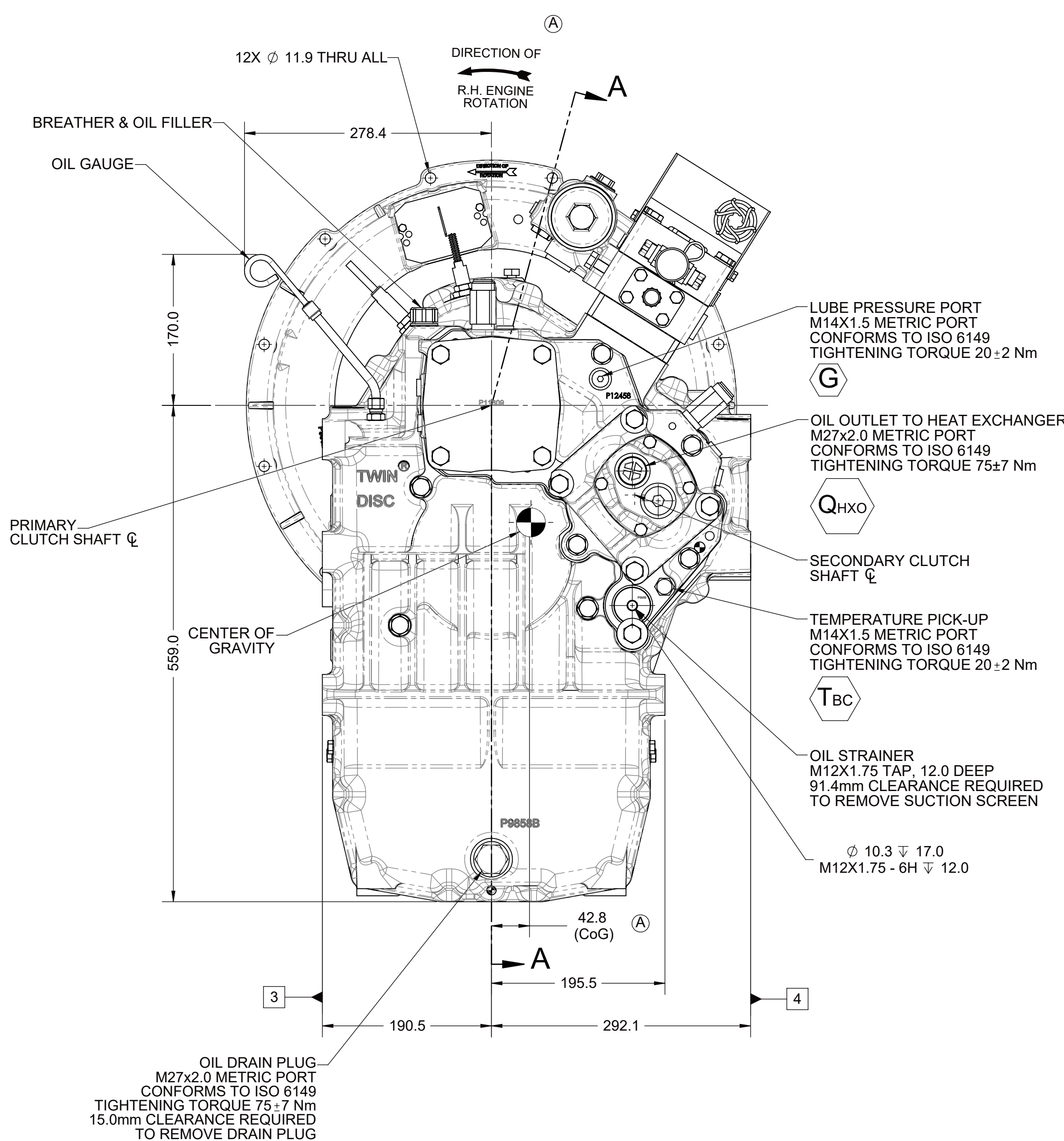
- ALL POINTS AVAILABLE FOR TESTING ARE CODED



VIEW C-C



VIEW B-B



EQUIPMENT SHOWN:

- EQUIPMENT SHOWN:**
 - MGX-5114IV PER PX13200 ASSEMBLY
 - SAE #1/SAE 355 VULKAN VKE-4015 SERIES
 - GP VALVE WITH EC300 WIRING HARNESS

FIRST USE ASSEMBLY: PX13200		REV#	ECNWF-103807		04/04/2024
FIRST USE MODEL: MGX-S114V		REV#	CHANGE NO.		DATE
SUBJECT TO:					
1/1 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 1/11 1/12 1/13 1/14 1/15 1/16 1/17 1/18 1/19 1/20 1/21 1/22 1/23 1/24 1/25 1/26 1/27 1/28 1/29 1/30 1/31 1/32 1/33 1/34 1/35 1/36 1/37 1/38 1/39 1/40 1/41 1/42 1/43 1/44 1/45 1/46 1/47 1/48 1/49 1/50 1/51 1/52 1/53 1/54 1/55 1/56 1/57 1/58 1/59 1/60 1/61 1/62 1/63 1/64 1/65 1/66 1/67 1/68 1/69 1/70 1/71 1/72 1/73 1/74 1/75 1/76 1/77 1/78 1/79 1/80 1/81 1/82 1/83 1/84 1/85 1/86 1/87 1/88 1/89 1/90 1/91 1/92 1/93 1/94 1/95 1/96 1/97 1/98 1/99 1/100 1/101 1/102 1/103 1/104 1/105 1/106 1/107 1/108 1/109 1/110 1/111 1/112 1/113 1/114 1/115 1/116 1/117 1/118 1/119 1/120 1/121 1/122 1/123 1/124 1/125 1/126 1/127 1/128 1/129 1/130 1/131 1/132 1/133 1/134 1/135 1/136 1/137 1/138 1/139 1/140 1/141 1/142 1/143 1/144 1/145 1/146 1/147 1/148 1/149 1/150 1/151 1/152 1/153 1/154 1/155 1/156 1/157 1/158 1/159 1/160 1/161 1/162 1/163 1/164 1/165 1/166 1/167 1/168 1/169 1/170 1/171 1/172 1/173 1/174 1/175 1/176 1/177 1/178 1/179 1/180 1/181 1/182 1/183 1/184 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