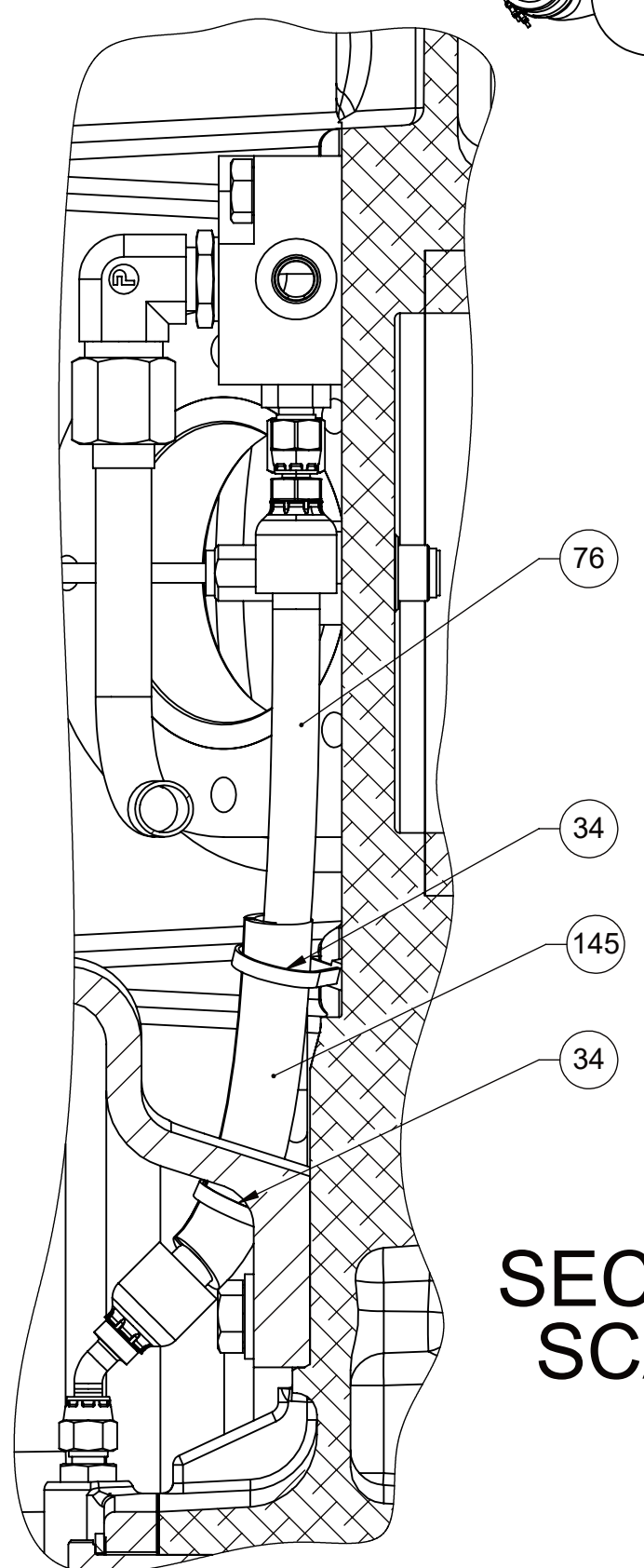
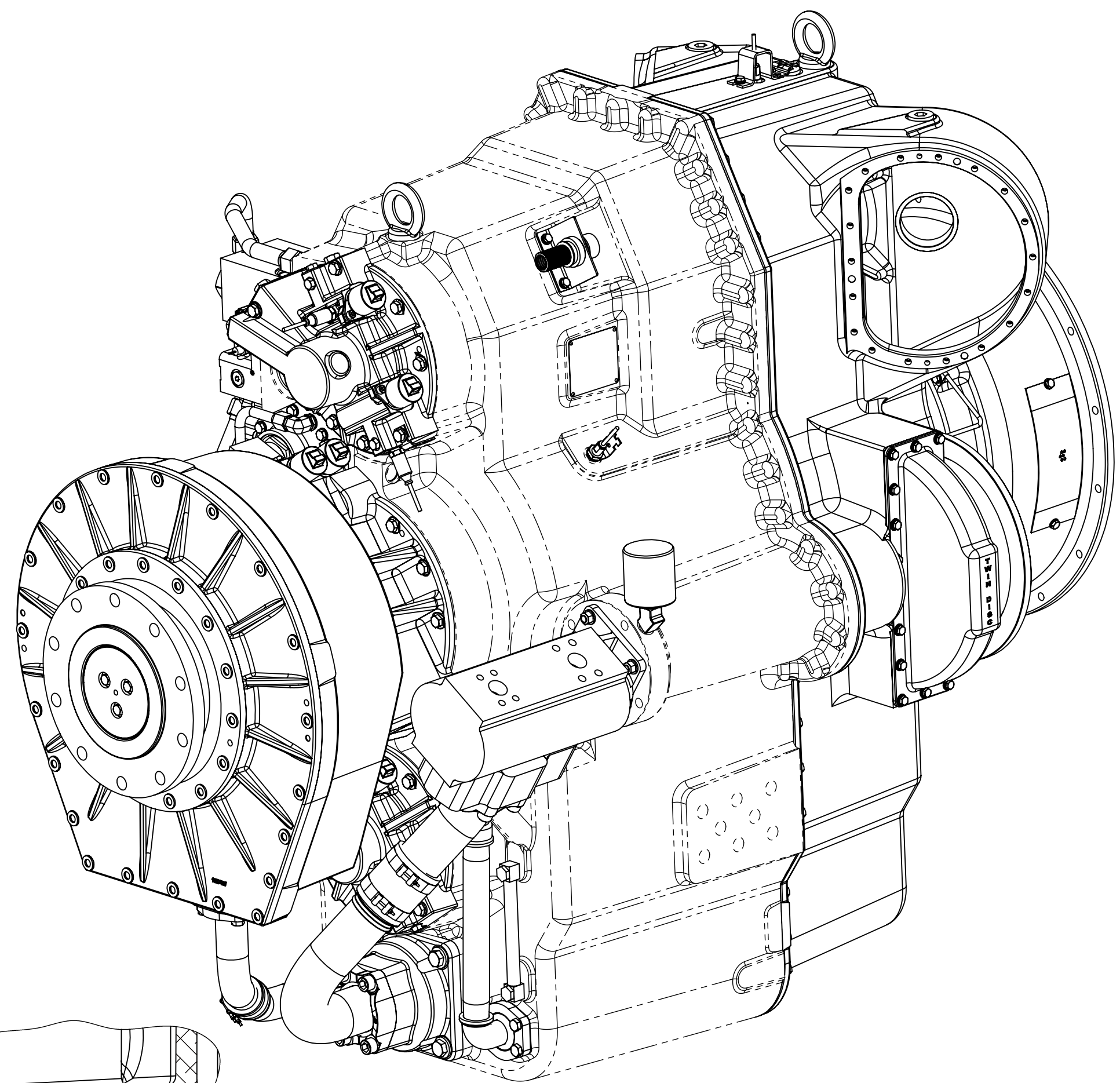
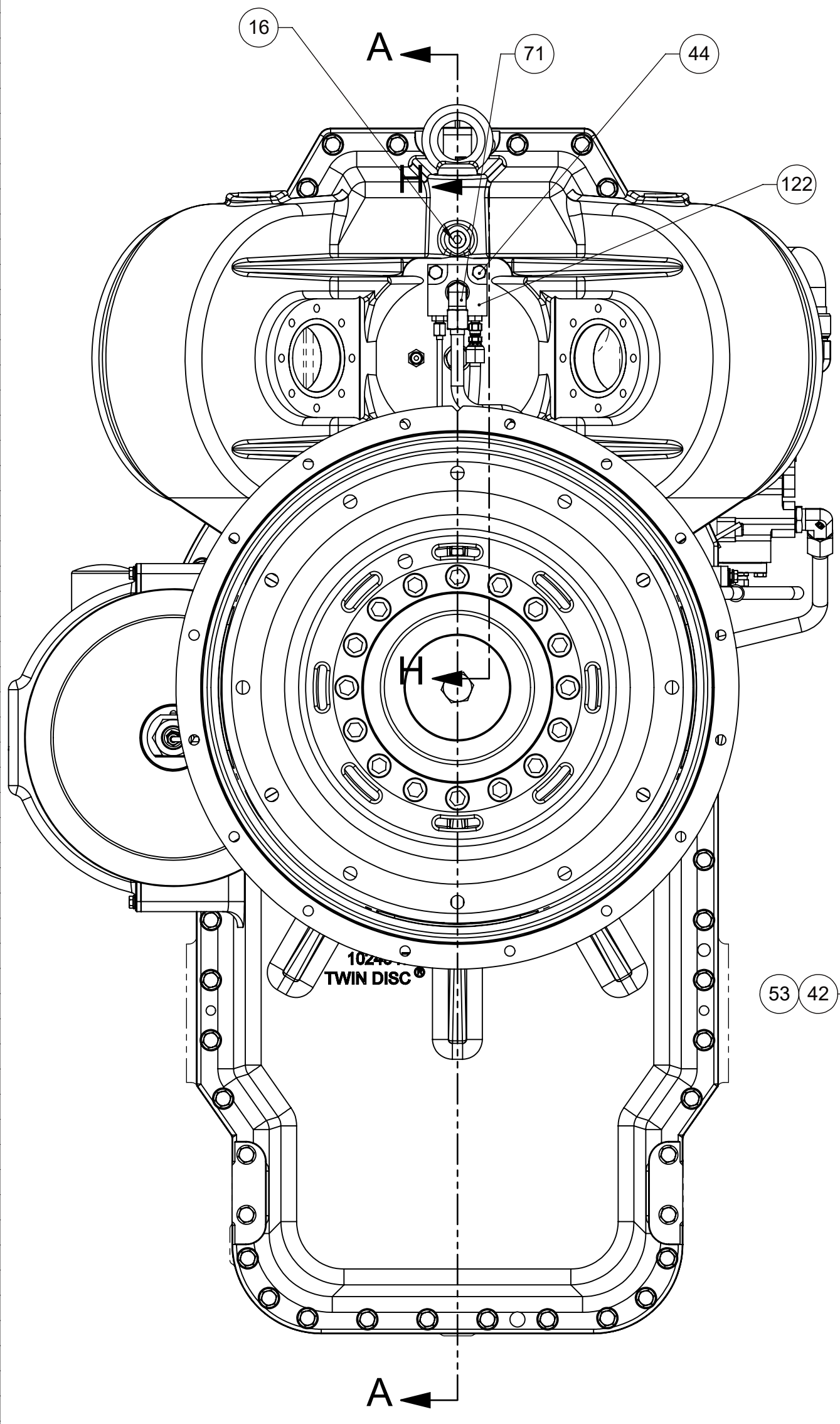
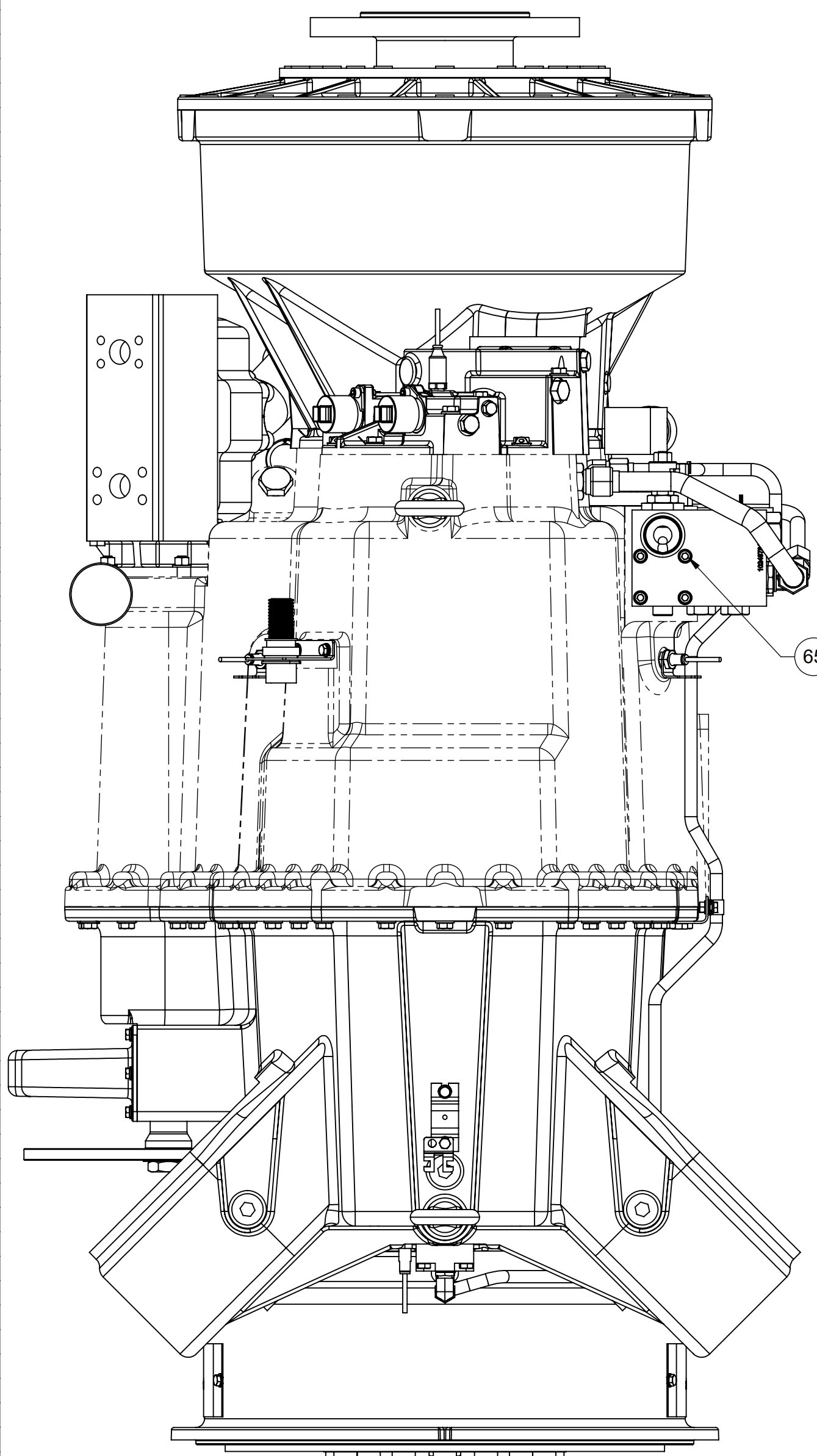
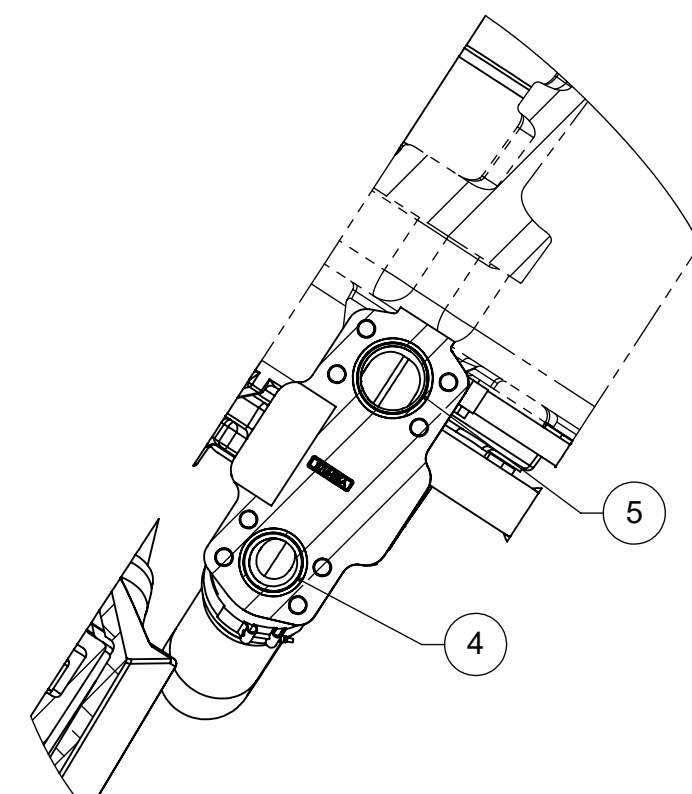
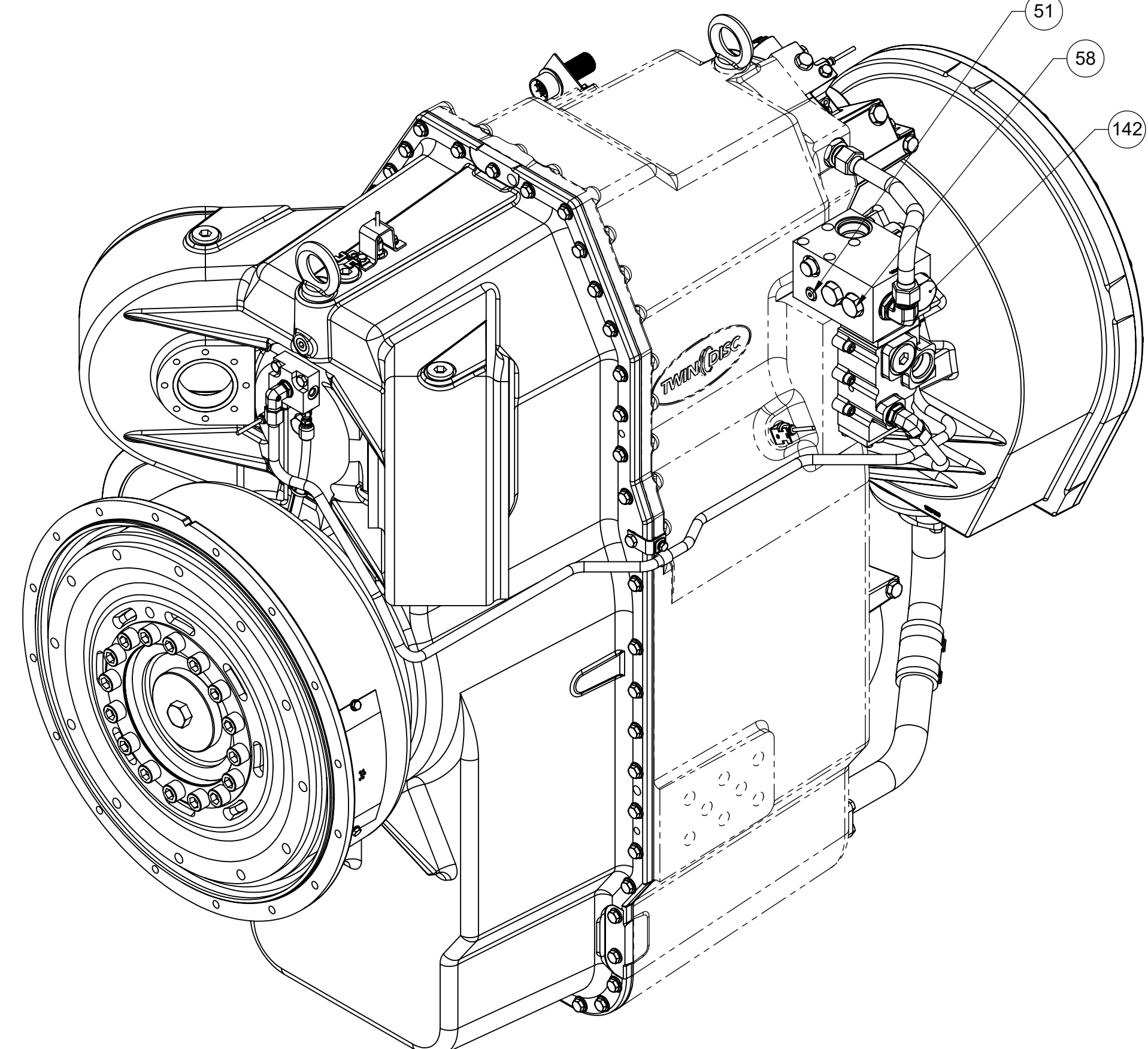


BILL OF MATERIAL			
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	A2916G	RING, O
2	1	A2916AM	RING, O
3	1	A2916BB	RING, O
4	2	A2916BX	RING, O
5	2	A2916CJ	RING, O
6	1	A2916DN	RING, O
7	1	A2916DP	RING, O
8	1	A2916KZ	RING, O
9	1	A2916LM	RING, O
10	1	B1504LJ	WASHER, RETAINER
11	1	B1511V	WASHER, LOCK
12	1	B1941N	SPRING, WAVE
13	4	M422	SCREW, DRIVE
14	8	M1732B	SCREW, SOCKET HEAD
15	2	M2027AP	NUT, HEXAGON
16	1	M2051U	PLUG, PIPE
17	1	M2051BB	PLUG, ORIFICE
18	1	M2051CV	PLUG, PIPE
19	1	M2054AZ	FITTING, PIPE
20	1	M2055AH	FITTING, PIPE
21	1	M2078AG	RING, RETAINING
22	1	M2078DC	RING, RETAINING
23	2	M2078DG	RING, RETAINING
24	2	M2078DK	RING, RETAINING
25	2	M2078DP	RING, RETAINING
26	1	M2169B	CLAMP, TUBE
27	1	M2169M	CLAMP, TUBE
28	4	M2498G	FLANGE, SPLIT
29	1	M2585	CAP
30	1	M2763AX	HOSE
31	1	M2782B	PLUG, STRAIGHT THREADED
32	1	M2782J	PLUG, STRAIGHT THREADED
33	1	M2959M	GAUGE, FLUID LEVEL
34	AS REQD	M2942A	TIE, CABLE
35	1	M2988D	FITTING
36	1	MA217M	BEARING, NEEDLE
37	1	MA936C	CLAMP
38	4	MA947B	NUT, HEXAGON
39	1	MA947E	NUT, HEXAGON
40	2	MA958E	CLAMP, HOSE
41	9	MA960A	SCREW, HEX HEAD
42	15	MA960E	SCREW, HEX HEAD
43	18	MA960M	SCREW, HEX HEAD
44	18	MA961R	SCREW, HEX HEAD
45	28	MA966A	SCREW, HEX HEAD
46	17	MA966N	SCREW, HEX HEAD
47	54	MA996Y	SCREW, HEX HEAD
48	4	MA996AB	SCREW, HEX HEAD
49	1	MA996AD	SCREW, HEX HEAD
50	1	MA1034G	BALL
51	1	MA1038B	PLUG, STRAIGHT THREADED
52	4	MA1038K	PLUG, STRAIGHT THREADED
53	46	MA1039A	WASHER
54	87	MA1039B	WASHER
55	16	MA1039D	WASHER
56	16	MA1039E	WASHER
57	4	MA1039P	WASHER
58	2	MA1040C	PLUG, STRAIGHT THREADED
59	1	MA1040D	FITTING, STRAIGHT THREADED
60	4	MA1041E	SCREW, HEX HEAD
61	8	MA1044F	SCREW, SOCKET HEAD
62	1	MA1046B	SCREW, HEX HEAD
63	2	MA1047B	BOLT, EYE
64	4	MA1049B	STUD
65	4	MA1052Q	SCREW, SOCKET HEAD
66	2	MA1053DB	FITTING
67	1	MA1053M	FITTING
68	2	MA1053Q	FITTING
69	1	MA1053AD	FITTING
70	2	MA1053DC	FITTING
71	2	MA1053AV	FITTING
72	2	MA1064B	INSERT
73	16	MA1135C	SCREW, SOCKET HEAD
74	3	MA1250B	SCREW, MACHINE
75	1	MA1251A	NUT, JAM
76	1	MA663CJ	HOSE ASSY
77	1	PX1035519	GROUP, PLANETARY
78	1	XM2641AP	FITTING ASSY
79	4	XM2936U	PICKUP, MAGNETIC
80	1	X227761S	PUMP
81	1	203789T	PLATE, INSTRUCTION
82	1	212878H	PLUG
83	1	212985	BRACKET
84	1	214569	GUARD
85	1	1000430A	BRACKET
86	1	1004333	STRAP
87	1	1004757	STRAP
88	2	1004757A	STRAP
89	1	1015197	BREATHER ASSY
90	1	1017322	CONNECTOR
91	1	1018456A	MANIFOLD
92	1	1020157A	SPACER
93	1	1022112A	VALVE ASSY
94	5	1023282	WASHER, RETAINER
95	1	1023810A	HUB
96	1	1024527A	GASKET
97	3	1024529A	COVER, DUST
98	1	1024531	TUBE
99	1	1024547A	HOUSING, FRONT
100	1	1024610A	SHAFT
101	1	1024629B	RETAINER
102	1	1024697	BAFFLE
103	2	1024698	BEARING, TAPERED
104	1	1024707	GEAR, HELICAL
105	1	1024753	TUBE, SUCTION
106	2	1024806	BEARING, BALL
107	1	1024856	COLLECTOR ASSY
108	1	1024856B	COLLECTOR ASSY
109	1	1024878A	VALVE BODY
110	1	1024879	PLATE, COVER
111	1	1024888A	TUBE ASSY
112	1	1024904E	COUPLING, FLEXIBLE
113	1	1024906	TUBE ASSY
114	1	1024929B	HOUSING, FLYWHEEL
115	1	1024968B	SHAFT ASSY, INPUT
116	1	1025036	VALVE, CARTRIDGE
117	1	1025044	COVER
118	2	1025045	SPACER
119	1	1025048B	TUBE ASSY
120	1	1025064	ADAPTER, PUMP DRIVE
121	1	1025067	GASKET
122	1	1025075	BLOCK
123	AS REQD	1025083	SHIM
124	AS REQD	1025083A	SHIM
125	AS REQD	1025083B	SHIM
126	AS REQD	1025084	SHIM
127	AS REQD	1025084A	SHIM
128	AS REQD	1025084B	SHIM
129	1	1025091	GASKET
130	1	1025093	GASKET
131	1	1025108A	TUBE ASSY
132	1	1025121	COVER ASSY
133	1	1025139B	TUBE ASSY
134	1	1025140	TUBE ASSY
135	1	1025148	FILTER
136	1	1025975	NUT, BEARING LOCK
137	1	1025976	WASHER
138	1	1026176	SPACER
139	1	1026370	VALVE, CARTRIDGE
140	1	1026425	SEAL, LIP
141	1	1026503	RING, DRIVE
142	1	1027471	VALVE, CARTRIDGE
143	1	1028032	HARNES, WIRING
144	1	1035928	SCREW
145	1	1043800	PROTECTOR

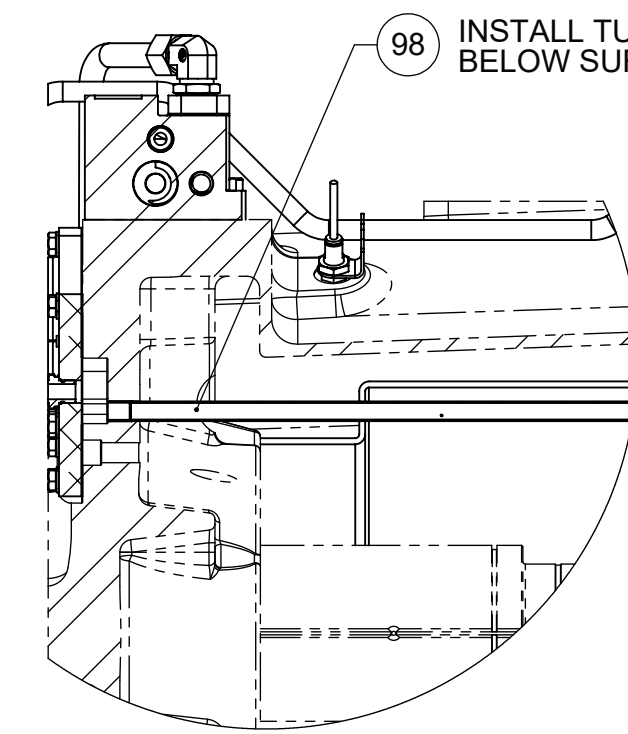
A B C



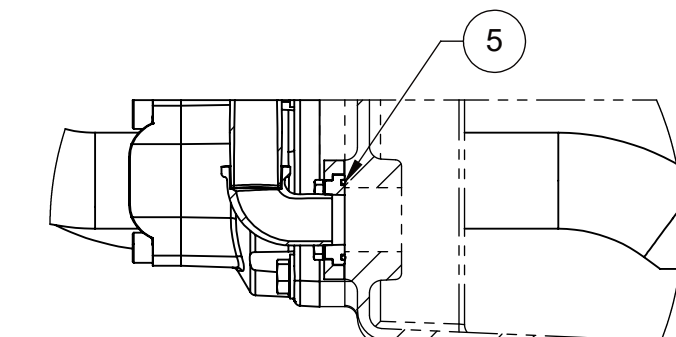
SECTION H-H
SCALE 1 : 2



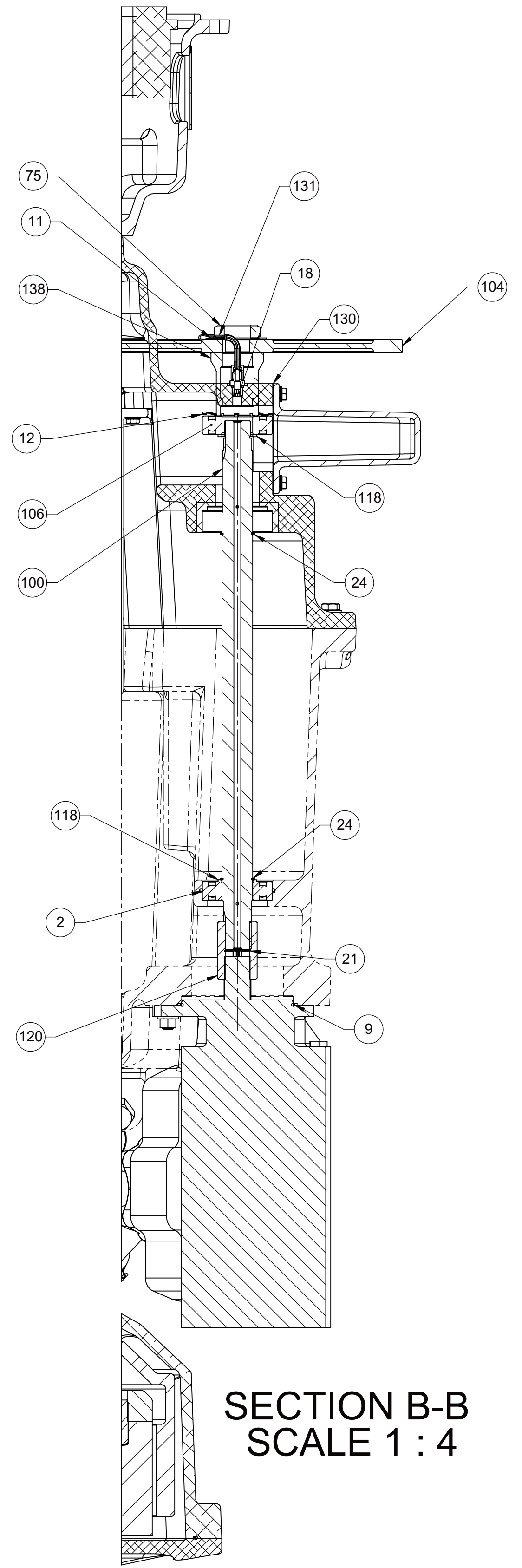
SECTION F-F



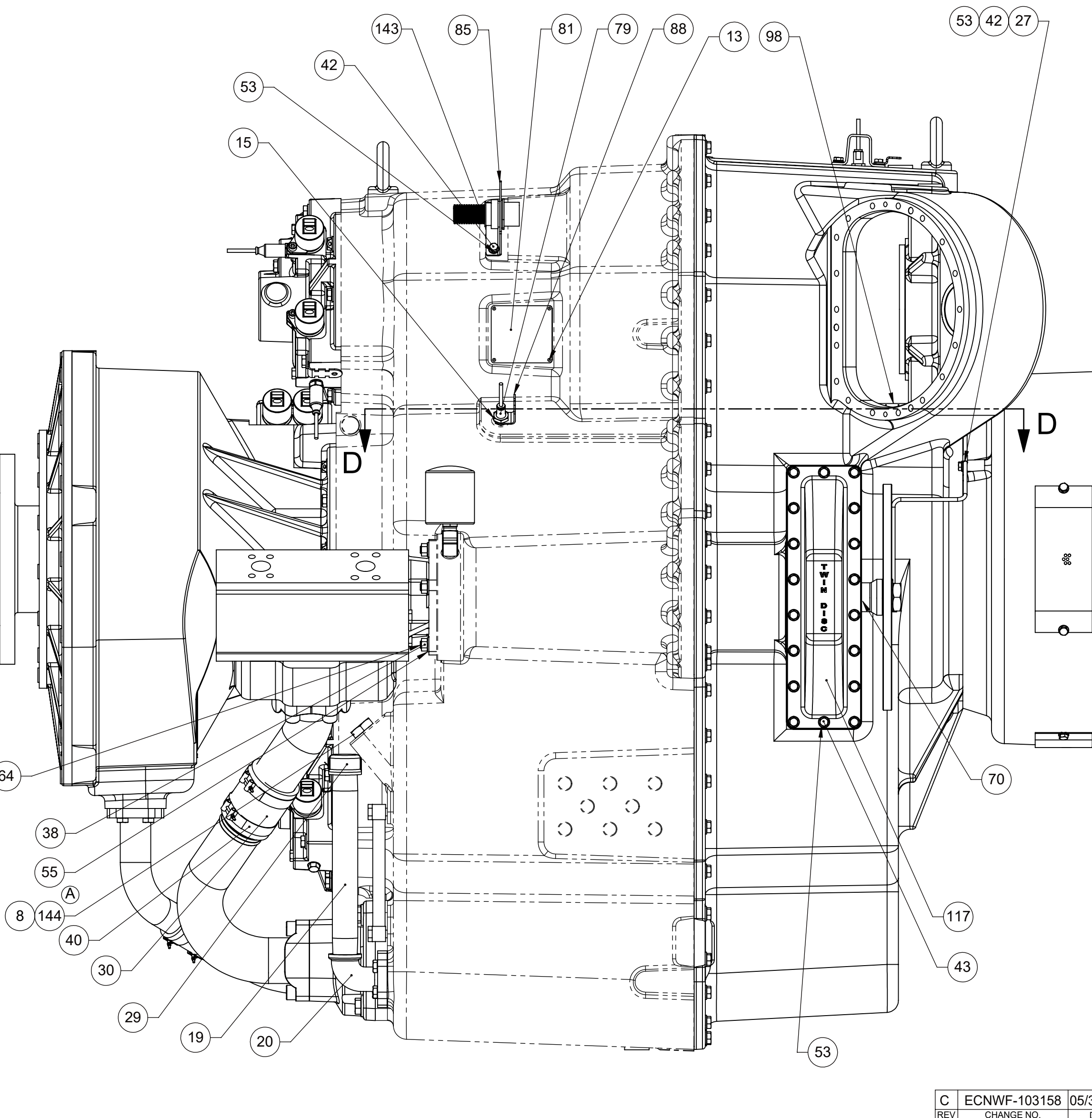
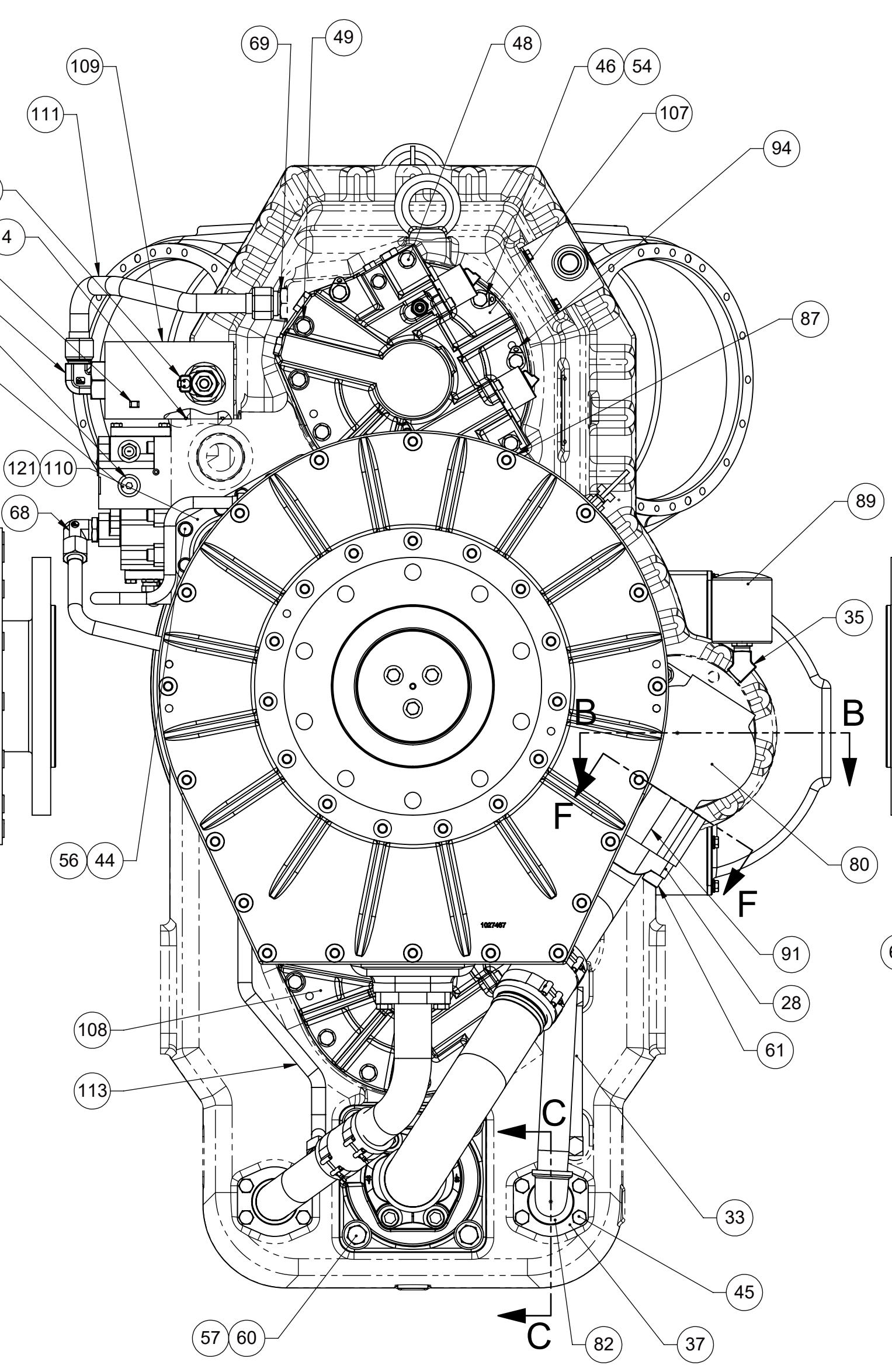
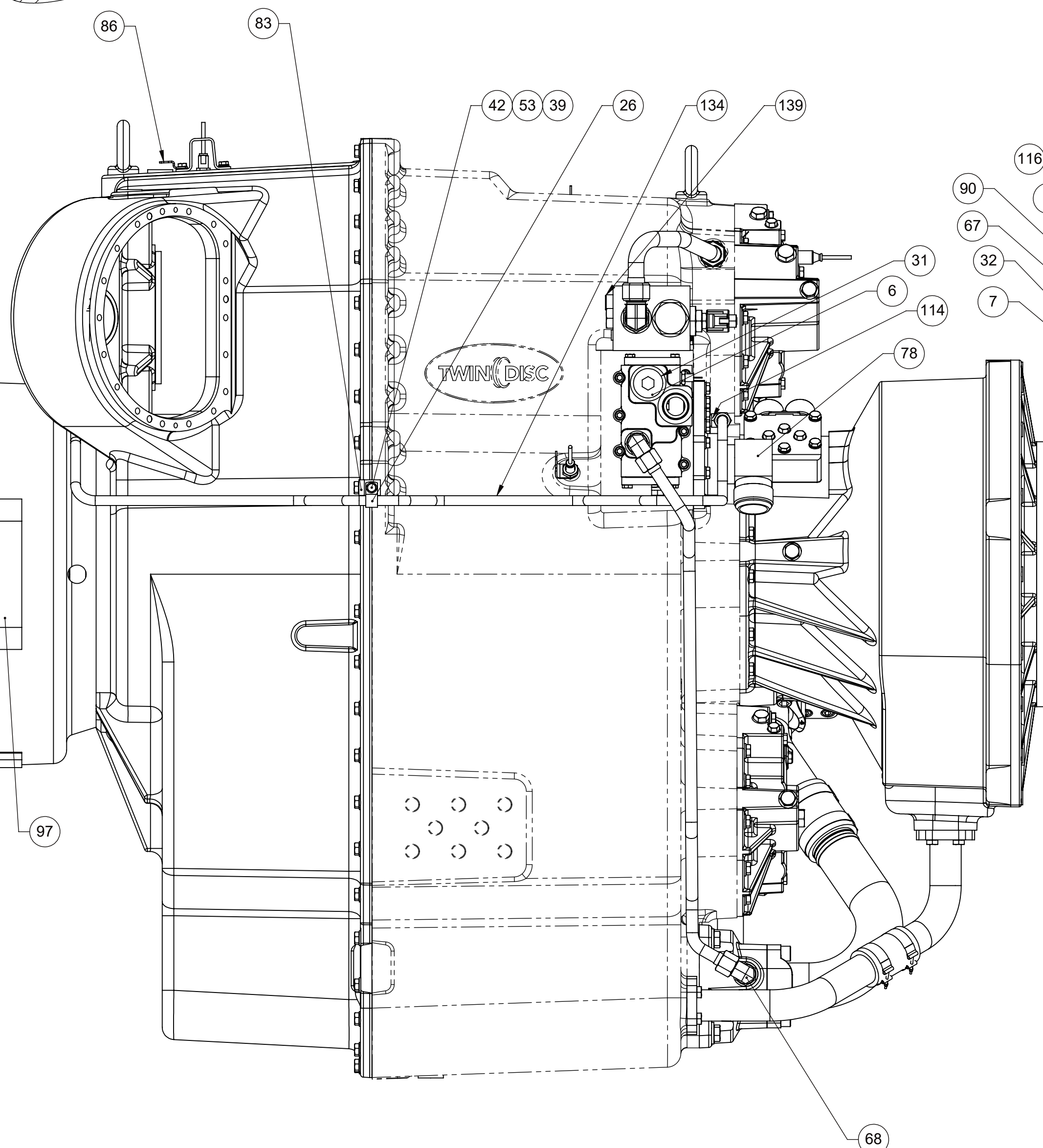
SECTION D-D



SECTION C-C

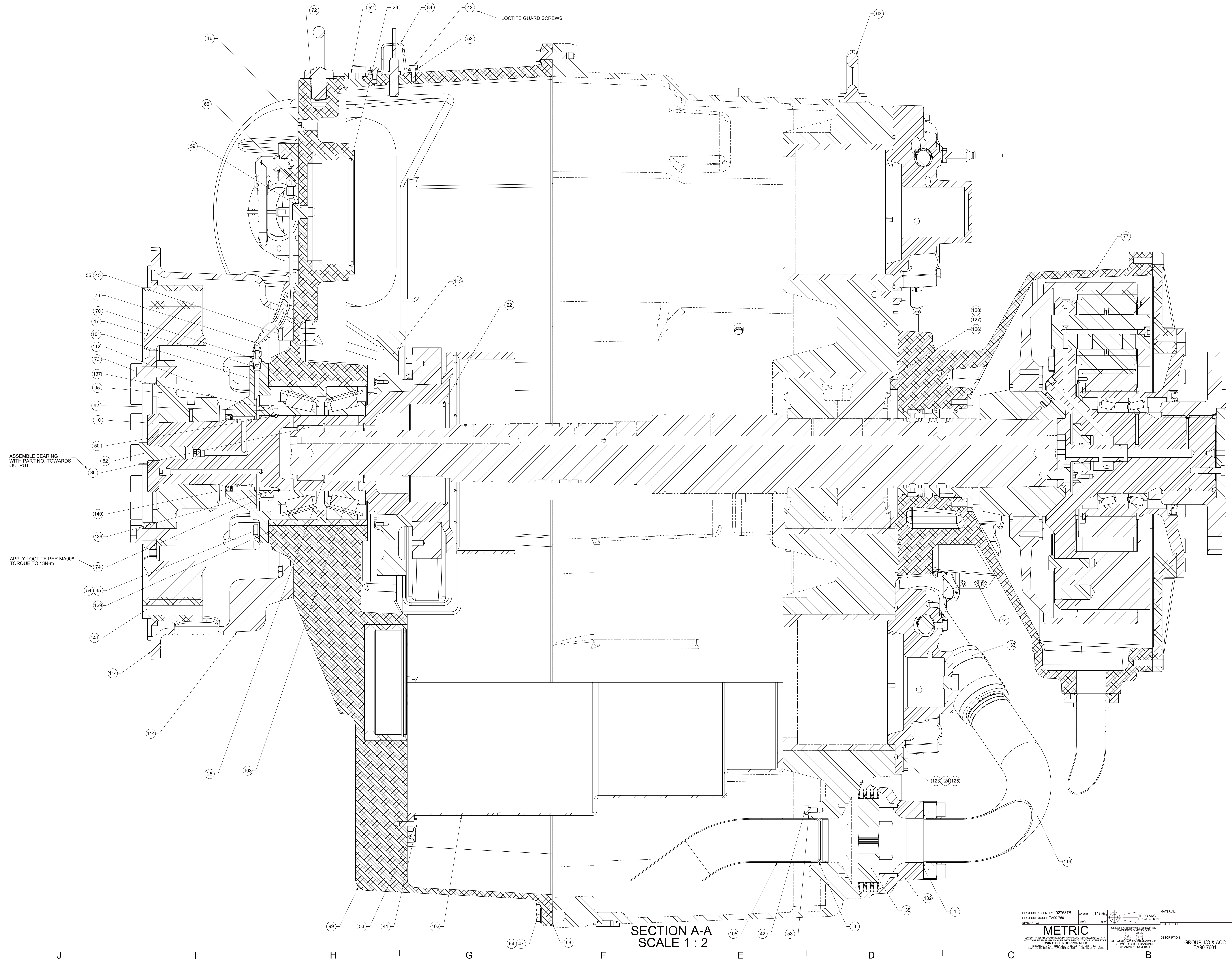


SECTION B-B
SCALE 1 : 4



NOTE:
SEE S944A FOR ASSEMBLY INSTRUCTIONS AND PRODUCTION TEST.

FIRST USE ASSEMBLY 1027637B	WEIGHT 1159N	THIRD ANGLE PROJECTION	MATERIAL	DATE 6/29/2022	REVISION
FIRST USE MODEL TA90-7601			HEAT TREAT	SCALE 1:6	CHANGE NO.
SIMILAR TO:				DRAWN BY JAL	DATE
METRIC			TWIN DISC		
NOTES: THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF TWIN DISC, INCORPORATED.			DESCRIPTION: GROUP I/O & ACC TA90-7601		
THIS PRINT IS THE PROPERTY OF TWIN DISC, INCORPORATED AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.			APPROVED BY: CAM		
P&ID NO. 1024509 Rev. A			SHEET 1 OF 2		



SECTION A-A
SCALE 1 : 2

C ECNWF-103158 05/31/2022		REV		CHANGE NO.	DATE
FIRST USE ASSEMBLY 1027637B		WEIGHT		1159.00	kg/m
FIRST USE MODEL TA90-7601		VIEW			
MATERIAL		THIRD ANGLE		PROJECTION	
HEAT TREAT		DESCRIPTION		DATE 6/29/2022 TITLE 1 DRAWN BY JAI CHECKED BY MPB APPROVED BY SAM	
		RACINE, WI 53403 - USA		PX1035517 A0 SHEET 2 OF 2	
METRIC ALL DIMENSIONS ARE IN METRIC UNITS UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE TO BE HOLD TO K X X ALL ANGLES ARE UNLESS NOTED UNLESS OTHERWISE SPECIFIED PER ASME Y14.5M 2018		GROUP: IIO & ACC TA90-7601		REV C 1026490 Rev.	