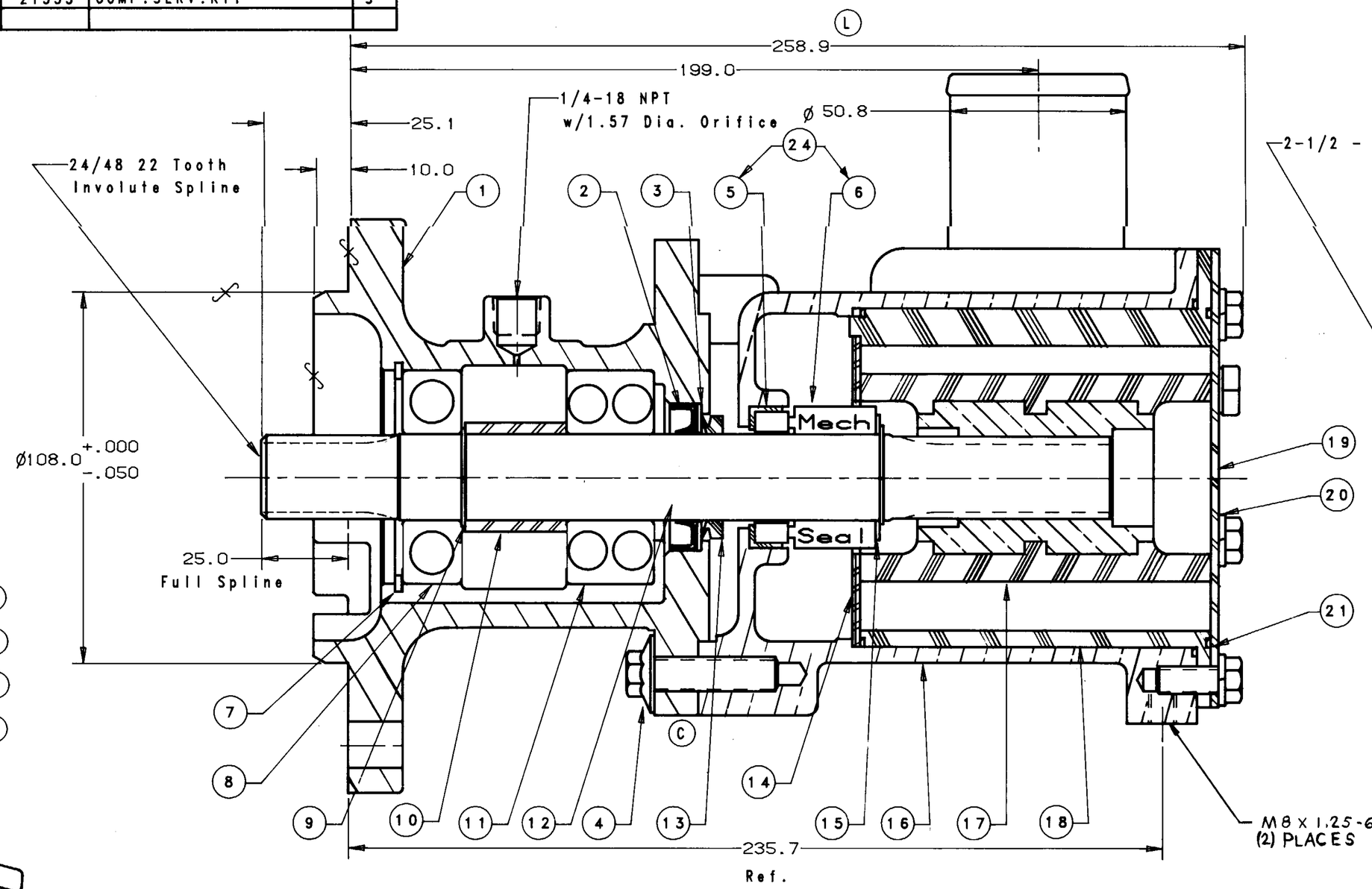
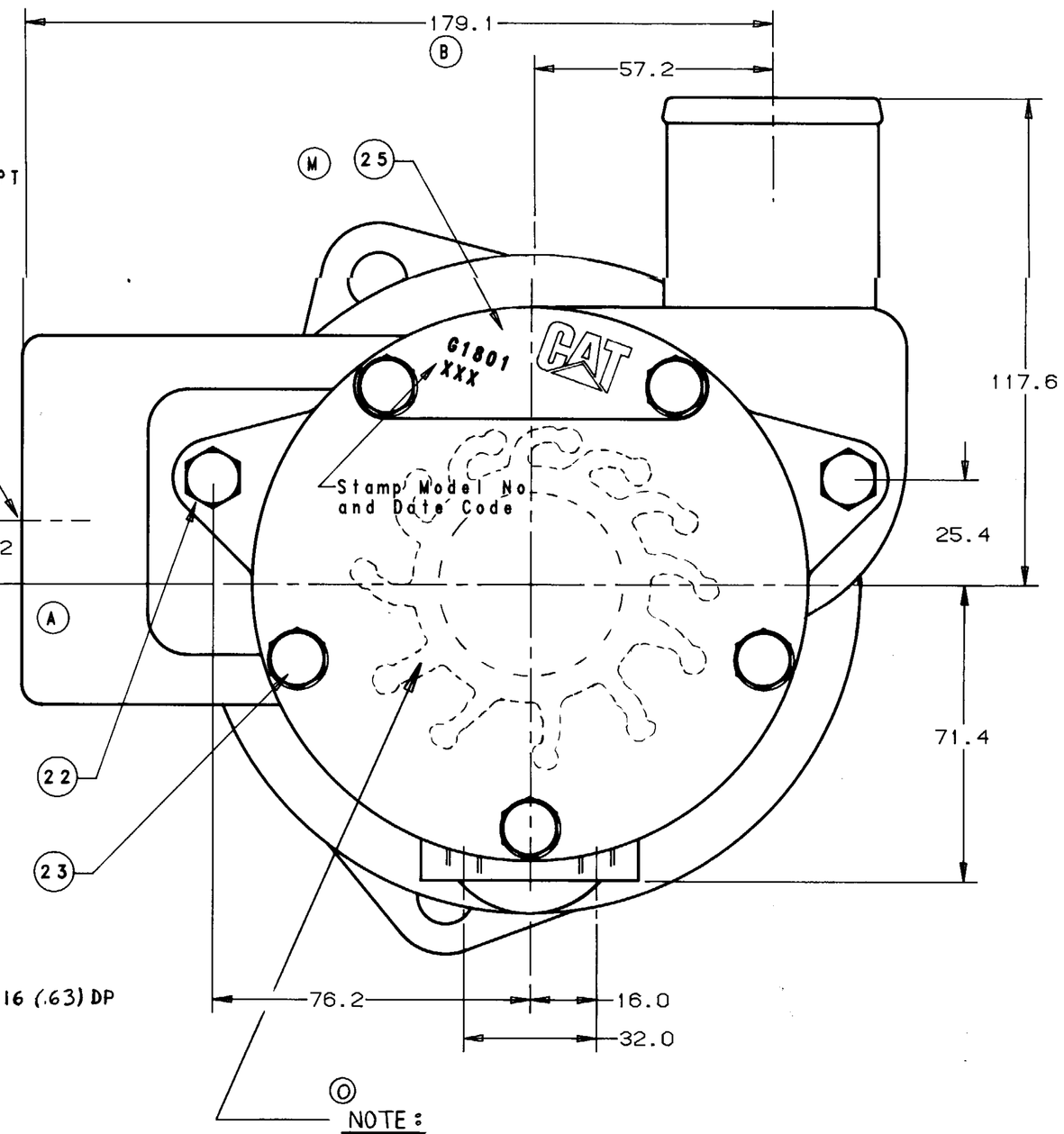
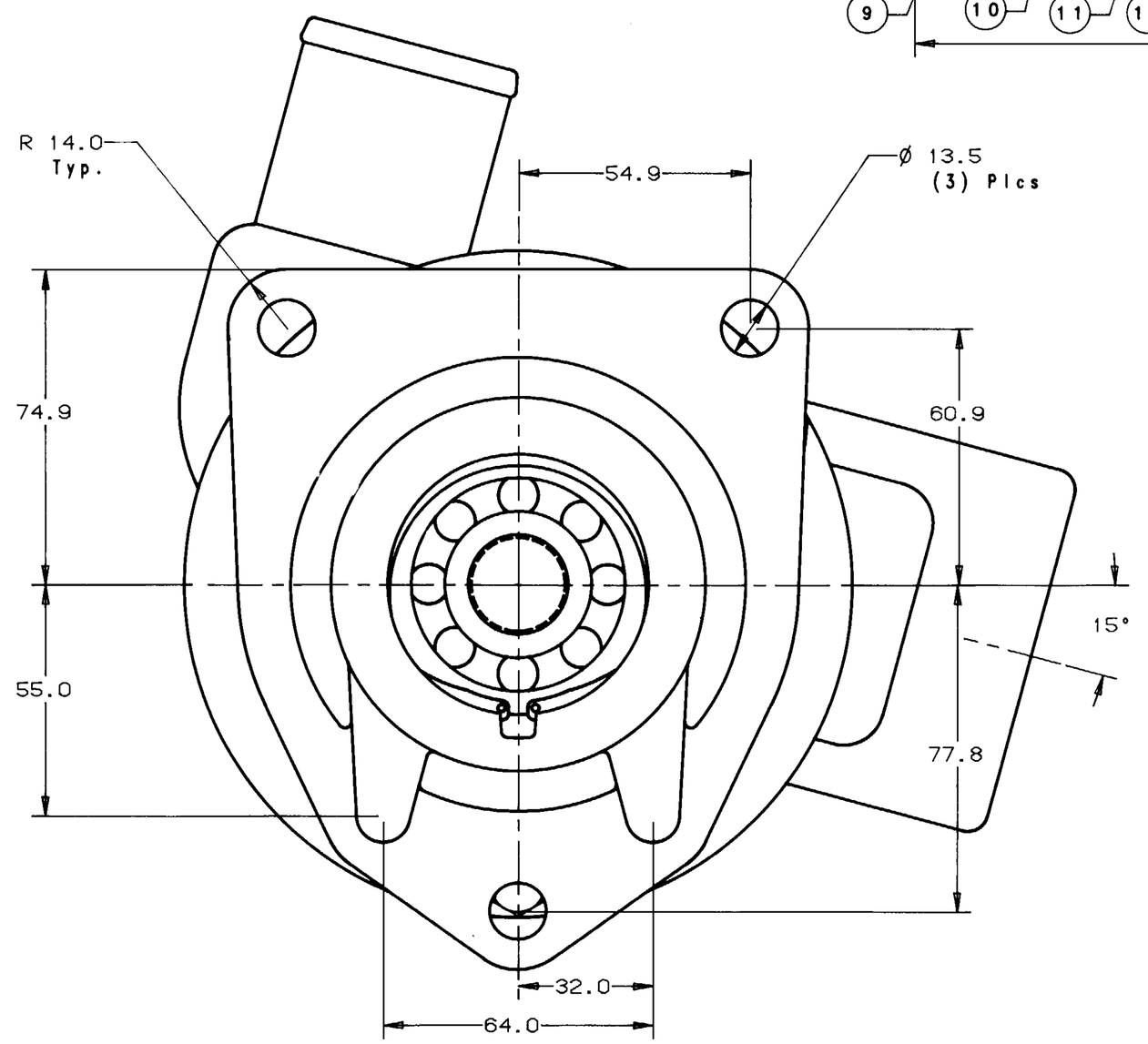
G1801

PARTS LIST

ITEM	PART No	DESCRIPTION	QTY	
01	19827	BODY	1	
02	19869	LIP SEAL	1	
03	19835	BACK-UP WASHER	1	
04	21172	M10x35 Lg, FLANGE HEAD	3	
05	19876	SEAL SEAT	1	
06	19877	MECHANICAL SEAL	1	
07	19867	INT.RET.RING	1	
08	19872	BEARING	1	
09	19762	EXT.RET.RING	2	
10	19870	SPACER	1	
11	19871	BEARING, DBL ROW	1	
12	19830	SHAFT	1	
13	19868	V-RING	1	
14	19836	WEARPLATE	2	(N)
15	19866	BACK-UP WASHER	1	
16	19828	HOUSING	1	
17	18000	IMPELLER	1	
18	19829	CAMLINER	1	
19	19837	COVERPLATE	1	
20	15944	LOCKWASHER	5	
21	19879	O-RING	3	
22	00339	HEX DRAIN PLUG	2	
23	19626	M8x20 Lg HEX HEAD	5	
24	19878	SEAL ASS'Y	S	
25	19959	TAG	1	
26	19911	CAM LINER SEALENT	A/R	(D)
27	21321	TAPER CAP	1	(F)
28	21322	NPT PIPE CAP	1	(G)
29	21320	STRAIGHT CAP	1	(H)
30	18448	NPT PIPE CAP	1	(I) (H)
31	21319	INSERT	2	(J)
32	14122	PADS	6	(J)
33	14120	TUBE CONTAINER	1	(J)
34	21354	BODY ASS'Y	S	
35	21351	MIN.SERV.KIT	S	
36	21352	MAJ.SERV.KIT	S	
37	21353	COMP.SERV.KIT	S	
38				







(O) NOTE:

INSTALL IMPELLER WITH VANES FLIPPED AS SHOWN

Notes:

1)

2) Degrease Dwt.16 and Det.4 prior to assembly with Loctite Primer 25556. Coat threads of Det.4 with Loctite No.262(Red) or equivalent.
3) Install Det.14 with crescent moon slot positioned at the top of the inside bore of Det.16.
4) Install O-ring Det.21 against flange on Det.18. Apply a 6mm(1/4) (1/4 in.) Bead of camliner sealant Det.26 along the centerline on the top and the bottom of Det.18 Prior to installation in Det.16.
5) Shipping-(2)Inserts x (9)Cells/Insert=(18)Pumps/pallet.

Torque Values

Det.4	35N.m (25Ft.lb)	(K)
Det.23	11N.m (8Ft.lb)	

METRIC

CAD FILE: G1801L.D
RELATED MODEL: G1801L.M

REV	DESCRIPTION	APPR	DATE
J	ADDED BOXING	GM	3-29-93
I	ADDED NPT PIPE PLUG	GM	3-29-93
H	ADDED STRAIGHT CAP	GM	3-29-93
G	ADDED NPT PLUG	GM	3-29-93
F	ADDED TAPER CAP	GM	3-29-93
E	ADDED NOTES	GM	1-12-93
D	ADDED DET. NO. 26	GM	1-12-93
C	WAS (4) EARS ON HSG.	KRS	8-3-92
B	WAS 198.4	KRS	8-3-92
A	MOVED INLET PORT 90°	KRS	5-1-92
C	ADDED IMP. MTAL. NOTE	TLG	2-17-94
N	WAS QTY. ONE	DEA	6-22-92
M	ADDED CAT LOGO TO TAG	DEA	6-22-92
L	WAS 261.4	DEA	6-22-92
K	WAS 27 N.M (20 Ft lb)	GM	4-6-93

UNLESS OTHERWISE SPECIFIED
CAST DIMENSIONS ± .02
FILLETS & RADII .06
FINISH STOCK .07
MACHINING TOLERANCE, INCHES
XX ± .01, XXX ± .005
SURFACE ROUGHNESS √
ANGLES ± 0° 30'
CORNER BREAKS .01 MAX.

FLATNESS .0015 IN/IN
SQUARENESS .0015
CONCENTRICITY .002
ROUNDNESS .0005
RUNOUT .002

SHERWOOD
A DIVISION OF HYPRO CORPORATION
6331 E. JEFFERSON AVE. • DETROIT, MICHIGAN 48207

DRAFTSMAN	DATE	CHECKER	DATE	ASSY NO.
KRS	5-1-92			

TITLE: RUBBER IMPELLER PUMP

MATERIAL: SEE DETAILS

DWG NO: G1801

PROJ NO. 1043

DAYTON BLUEPRINT CO. 554-415