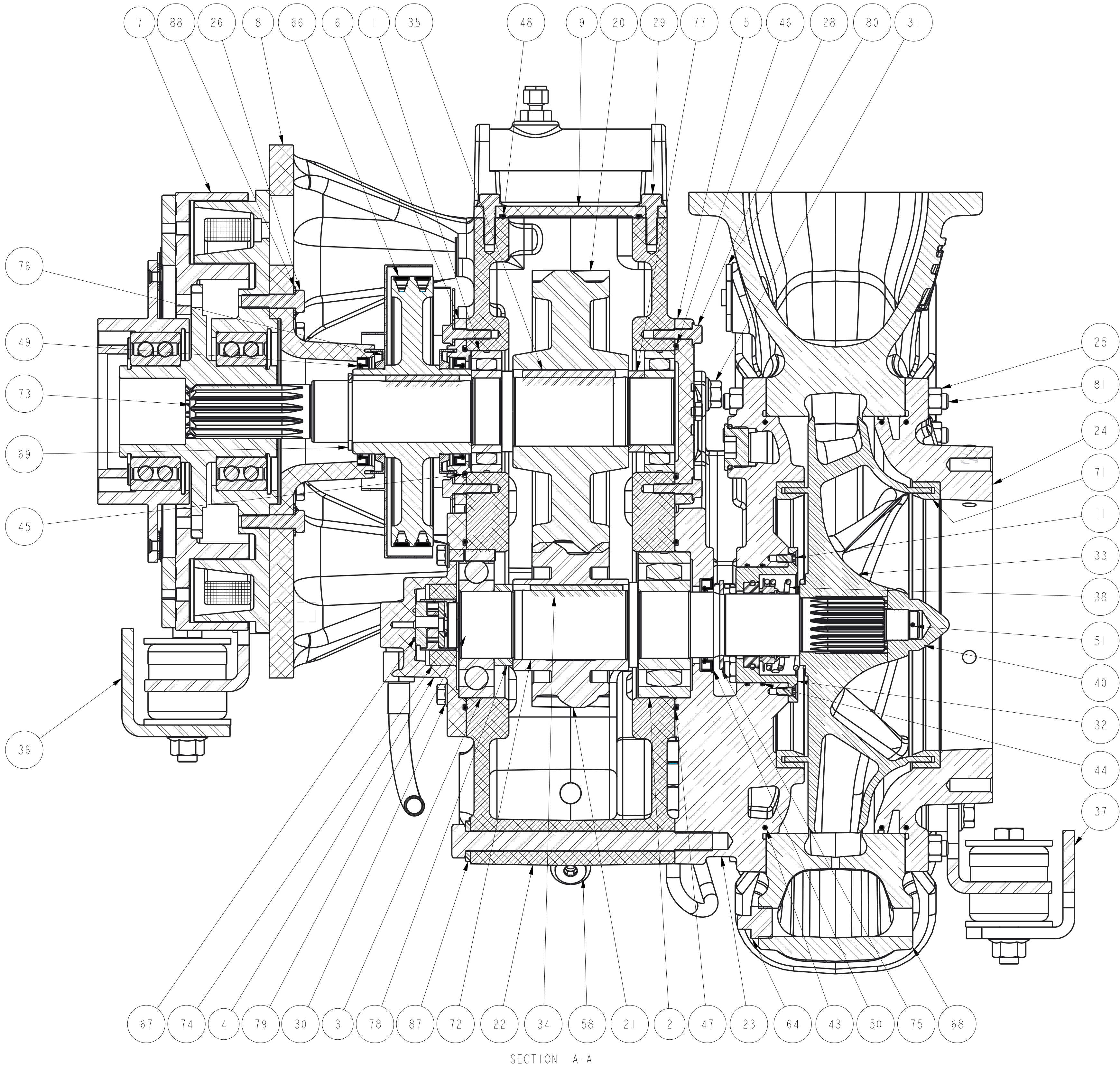


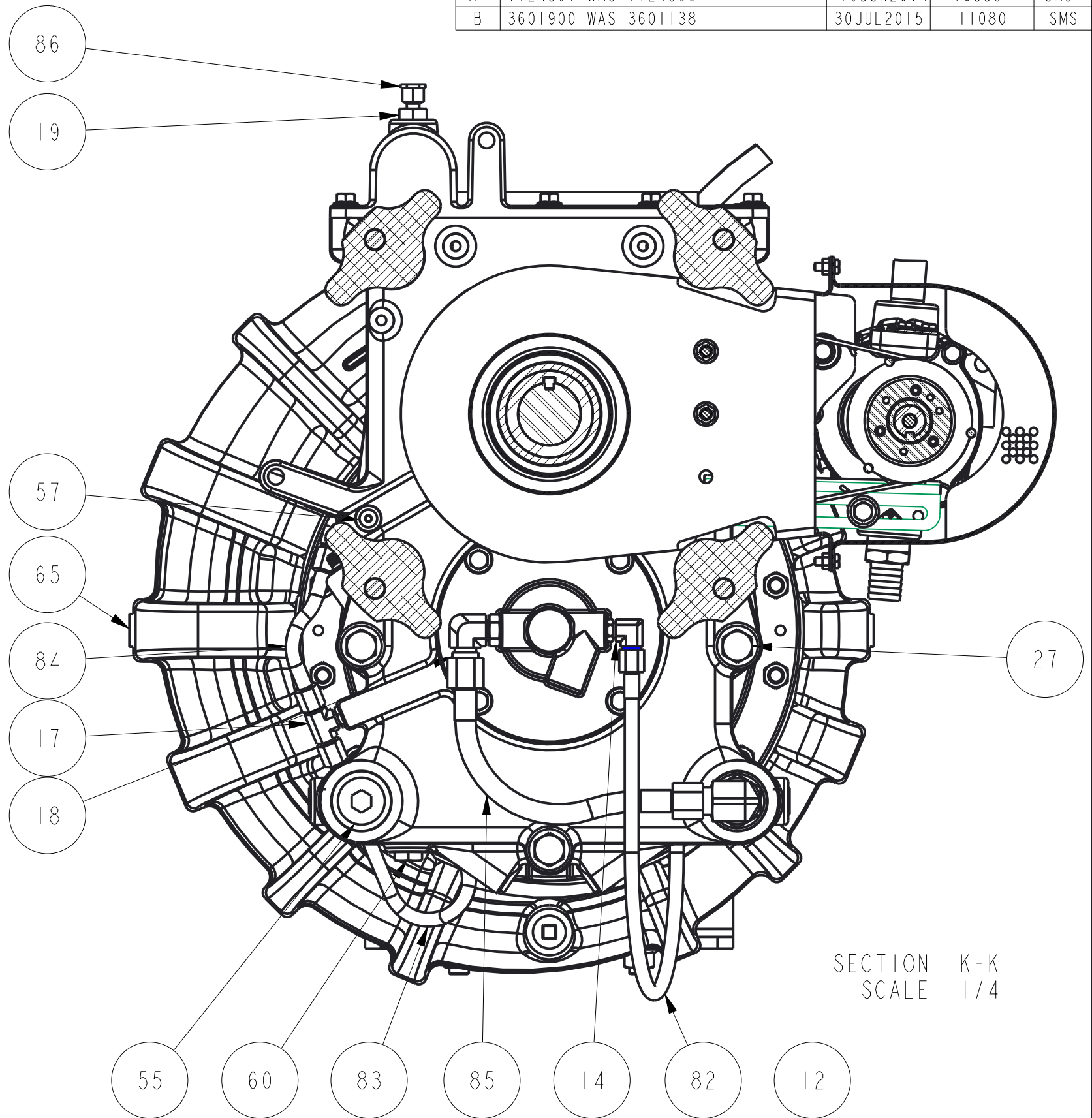
NO.	DESCRIPTION	PART NO.	QTY.
1	BEARING - 22211E C3	1726300	2
2	BEARING - 22311E C3	1726100	1
3	BEARING - BALL, 6311.C3	1725900	1
4	CAP - BEARING, IMPELLER, ZSE	2313303	1
5	CAP - BRG, INPUT, REAR, ZSE	2314701	1
6	CAP - BRG, INPUT, ZSE 2 GEAR	2314501	1
7	CLUTCH - ELEC, 2000 FT-LB, 24V	4212003	1
8	CLUTCH MOUNTING BRACKET - ZSF	2006601	1
9	COVER - OIL SUMP, ZSE 2 GEAR	2509200	1
10	DIPSTICK - -10 MORB PORT	4229104	1
11	FHMS - .250-20 x 0.63, SS	5402402	4
12	FILTER - LUBE PUMP, 100 MESH	1124301	1
13	FTG - .38 JIC FE X .38 JIC MALE X 90	3501596	2
14	FTG - .38 JICM X 9/16-18, SAE ORB	3501567	1
15	FTG - .38 JICM X 9/16-18, SAE ORB	3501576	1
16	FTG - 1.00 ORB MALE X -06 JIC MALE	3501574	2
17	FTG - BRANCH TEE ADJUSTABLE, .38	3501609	1
18	FTG-.88JICM RIGX.75MORB SVL 90	3501639	1
19	FTG-.88MORB RIGIDX1/8NPT FEMAL	3501634	1
20	GEAR - DRIVE, 5IT, 6DP, RH, PTO	2719305	1
21	GEAR - PINION, 6 DP, LH, 29 T	2720410	1
22	GEARCASE - 2 GEAR ZSE	1806300	1
23	HEAD - INBOARD, ZS	2812601	1
24	HEAD - SUCTION, ZS	2812701	1
25	HEX NUT - .500-13, SST	5403025	30
26	HHCS - .438-14 x 1.75, GR5	5400097	8
27	HHCS - .625-11 x 8.00, GR5	5400108	7
28	HHCS - FLANGED, .313-18 X 1.25	5402844	4
29	HHCS - FLANGED, .375-16 X 1.25	5402856	8
30	HHCS - FLANGED, .375-16 X 1.50	5402860	4
31	HHCS - FLANGED, .500-13 X 1.75	5402853	2
32	HOUSING - MECHANICAL SEAL, ZS	1846200	1
33	IMPELLER - ZS, R.H.	2908700	1
34	KEY - SQ., 0.38 X 3.00	3602407	1
35	KEY - SQ., 0.50 x 3.00	3602456	1
36	KIT-MOUNTING, ZSF ADAPTER	KM02101	1
37	KIT-MOUNTING, ZSF SUCTION HEAD	KM02102	1
38	MECHANICAL SEAL - 2.00", ZS	1846300	1
39	METAL TACK, 3/16 HEAD, .025 L	5402873	2
40	NUT - IMPELLER, CONE, ZS	5403477	1
41	O-RING - 0.75 x 0.94 x 0.09	3601138	1
42	O-RING - 1.47 x 1.71 x 0.09	3601401	1
43	O-RING - 13.00 x 12.75 x 0.12	3601272	3
44	O-RING - 3.75 x 3.94 X 0.09	3601133	2
45	O-RING - 3.88 x 4.12 x .12	3601252	1
46	O-RING - 4.12 x 4.38 x 0.12	3601217	1
47	O-RING - 5.25 x 5.50 x 0.12	3601232	2
48	O-RING - 9.50 x 9.25 x 0.12	3601269 FORMED	1
49	OIL SEAL - 2.750 ID X 3.505 OD	3600511	2
50	OIL SEAL - 2.125 ID X 3.000 OD	3600571	1
51	PIN - COTTER, .125 x 2.00, SST	3605207	1
52	PIN - DOWEL, .375 X 0.625, GR8	3605410	2
53	PIN - DOWEL, 0.156 x 0.50, GR8	3605407	1
54	PLATE - SERIAL NO., .COM	1963109	1
55	PLUG - 1/516-12 SAE ORB, HEX SOC	3501575	3
56	PLUG - 3/4-16 SAE ORB, HEX SOC	3501573	2
57	PLUG - 7/16-20 SAE ORB, HEX SOC	3501629	2
58	PLUG - 7/8-14 SAE ORB, HEX SOC	3501632	3
59	PLUG - 9/16-18 SAE ORB, HEX SOC	3501578	1
60	PLUG - MAGNETIC, 3/4-16UNF	1080545	1
61	PLUG - PIPE, 0.125, SST SOC HD	1080533	1
62	PLUG - PIPE, 0.125, W/ .125 THRU	1080553	3
63	PLUG - PIPE, 0.250, SST SOC HD	1080535	5
64	PLUG - PIPE, 0.750 SST SQ HD	1080543	1
65	PLUG - PIPE, 0.750, SST SOC HD	1080551	3
66	PRIMER-BELT DRV, 24V, BNZ OP-ER	AP02155	1
67	PUMP - HYD, INTERNAL GEAR, LUBE	4821020	1
68	PUMP CASING - ZS	2056401	1
69	RING - RETAINER, SHR-200 STPA	3600443	1
70	SCREEN STRAINER	1122400	1
71	SEAL RING - ZS	3407500	2
72	SHAFT - IMPELLER, ZS	5022401	1
73	SHAFT - INPUT, ZSF	5023600	1
74	SLEEVE - MEGATRANS, OIL PUMP	1887400	1
75	SLINGER - WATER, ZS, 1.894 ID	3203210	1
76	SLINGER - WATER, ZSP INPUT	3206700	2
77	SPACER - 2.17 X 2.62 X .513	3309301	1
78	SPACER - 2.17 x 2.63 x .611	3305202	1
79	SPRING CARTRIDGE - OIL PUMP	4821100	1
80	STRAINER - FITTING	1122300	1
81	STUD - .500-13 X 2.00 SS	3606483	30
82	TUBE - LUBE PUMP DISCH, ZSE	4434153	1
83	TUBE - LUBE PUMP DISCH, ZSE	4434154	1
84	TUBE - LUBE PUMP DISCH, ZSE	4434155	1
85	TUBE - LUBE PUMP SUCTION, ZSE	4432160	1
86	VENT - GEARCASE, 1/8 NPT MALE	4401801	1
87	WASHER - FLAT, .641 X 1.303 X .160	3603825	7
88	WASHER - FLAT, 0.4375 ID	3603830	8
89	O-RING - .644 x .818 x 0.087	3601900	1

A

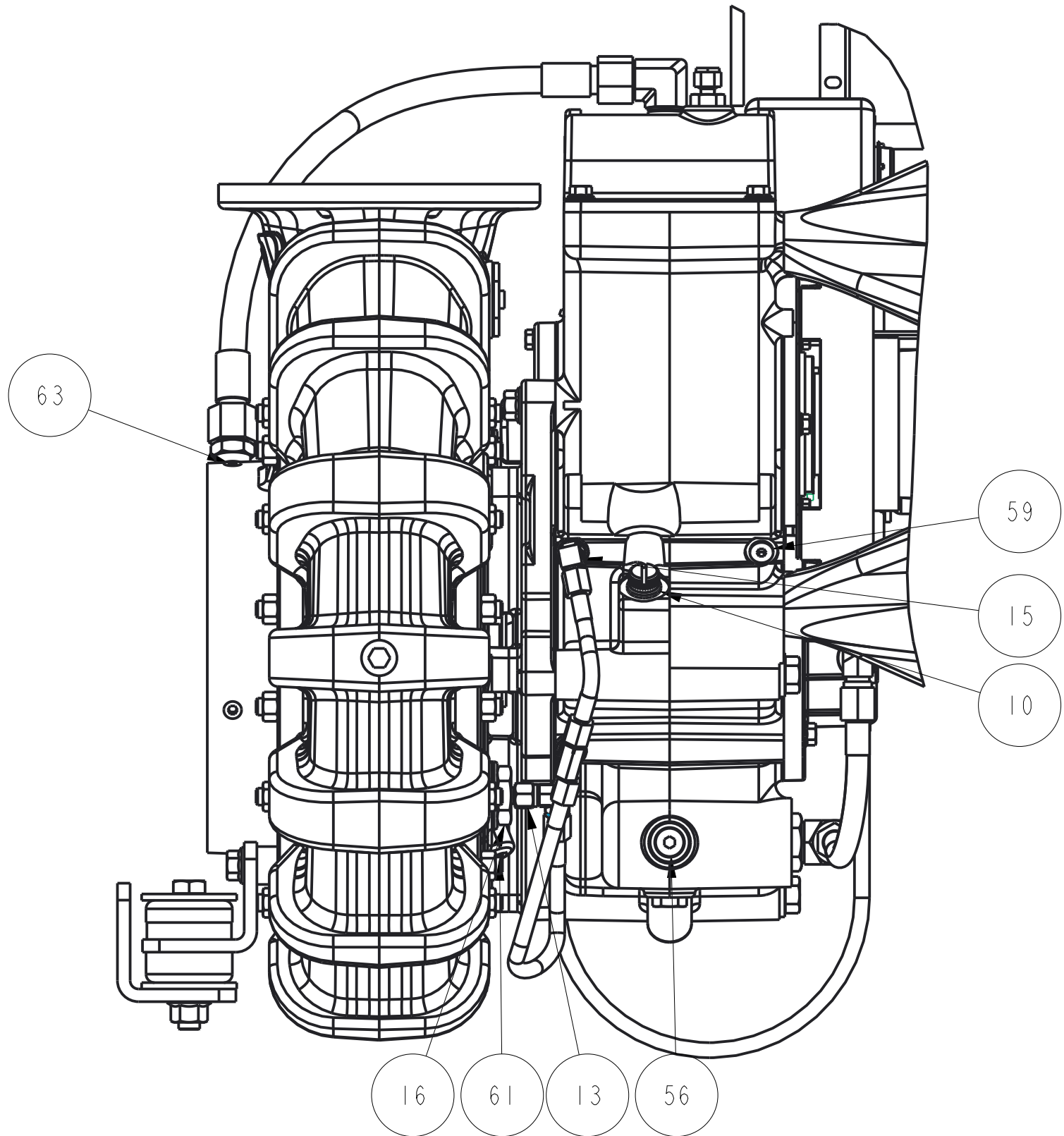


SECTION A-A

REVISIONS				
LTR	DESCRIPTION	DATE	CHG NO.	APPR'D
A	1124301 WAS 1124300	16JUN2014	10538	SMS
B	3601900 WAS 3601138	30JUL2015	11080	SMS



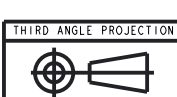
SECTION K-K
SCALE 1/4



SCALE 1/4

REMOVE SHARP EDGES

INCH
[MILLIMETER]



OLD PART NO.

TOLERANCE
EXCEPT
AS NOTED

W.S. Darley & Co.
ITASCA, IL - CHIPPEWA FALLS, WI

MATERIAL DESCRIPTION:

AS LISTED

MATERIAL NO.

PATTERN NO.

DWG - ZSF, INPUT ABOVE
CROSS SECTION

THIS DESIGN IS THE PROPERTY OF
W.S. DARLEY AND CO. - UNAUTHORIZED
REPRODUCTION IS PROHIBITED

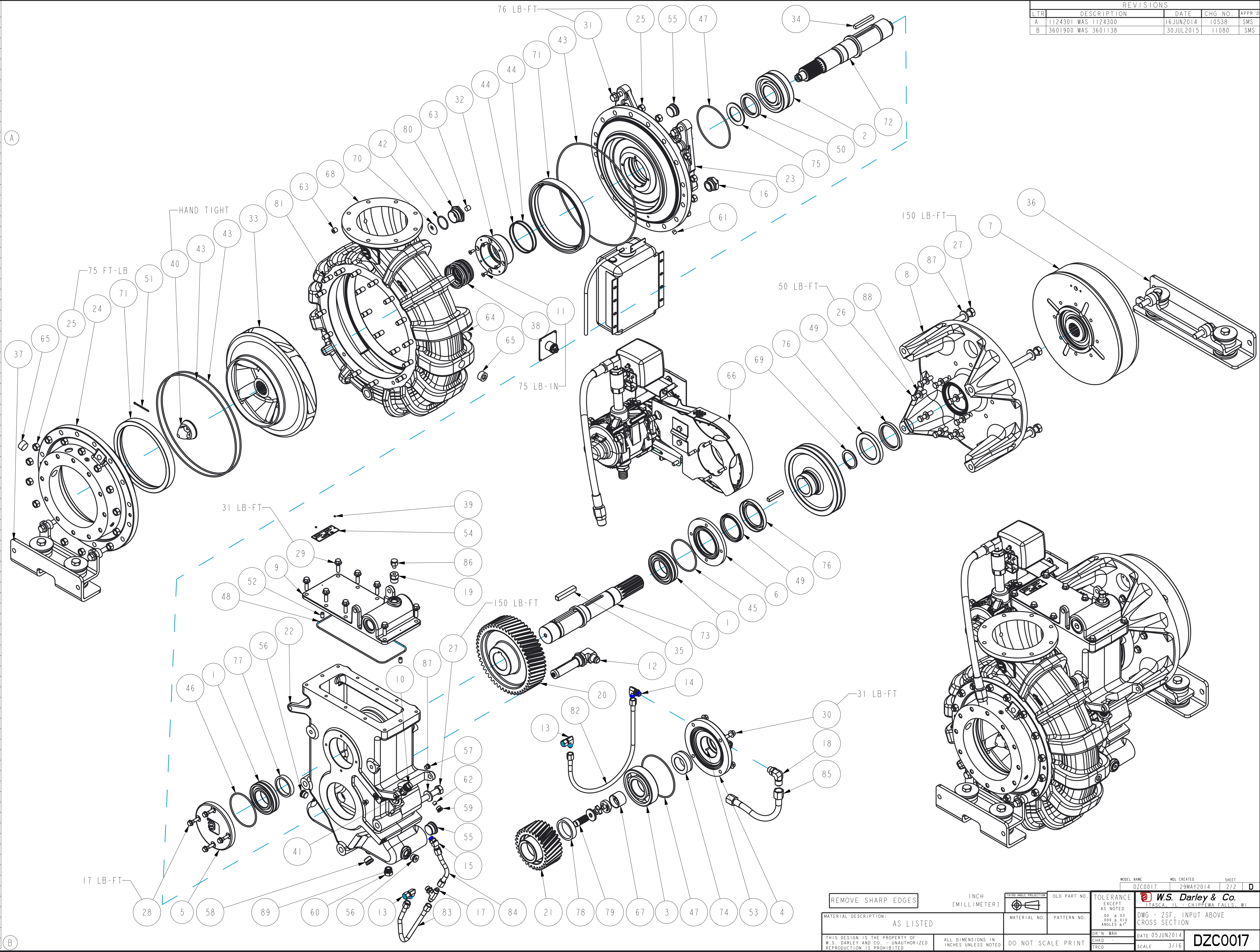
ALL DIMENSIONS IN
INCHES UNLESS NOTED

DO NOT SCALE PRINT

DATE 05JUN2014
SCALE 1/2

DZC0017

NO.	DESCRIPTION	PART NO.	QTY.
1	BEARING - 22211E C3	1726300	2
2	BEARING - 22311E C3	1726100	1
3	BEARING - BALL, 6311.C3	1725900	1
4	CAP - BEARING, IMPELLER, ZSE	2313303	1
5	CAP - BRG, INPUT, REAR, ZSE	2314701	1
6	CAP - BRG, INPUT, ZSE 2 GEAR	2314501	1
7	CLUTCH - ELEC, 2000 FT-LB, 24V	4212003	1
8	CLUTCH MOUNTING BRACKET - ZSF	2006601	1
9	COVER - OIL SUMP, ZSE 2 GEAR	2509200	1
10	DIPSTICK - -10 MORB PORT	4229104	1
11	FHMS - .250-20 x 0.63, SS	5402402	4
12	FILTER - LUBE PUMP, 100 MESH	1124301	1
13	FTG - .38 JIC FE X .38 JIC MALE X 90	3501596	2
14	FTG - .38 JICM X 9/16-18, SAE ORB	3501567	1
15	FTG - .38 JICM X 9/16-18, SAE ORB	3501576	1
16	FTG - 1.00 ORB MALE X -.06 JIC MALE	3501574	2
17	FTG - BRANCH TEE ADJUSTABLE, .38	3501609	1
18	FTG-.88JICM RIGX.75MORB SVL 90	3501639	1
19	FTG-.88MORB RIGIDX1/8NPT FEMAL	3501634	1
20	GEAR - DRIVE, 5IT, 6DP, RH, PTO	2719305	1
21	GEAR - PINION, 6 DP, LH, 29 T	2720410	1
22	GEARCASE - 2 GEAR ZSE	1806300	1
23	HEAD - INBOARD, ZS	2812601	1
24	HEAD - SUCTION, ZS	2812701	1
25	HEX NUT - .500-13, SST	5403025	30
26	HHCS - .438-14 x 1.75, GR5	5400097	8
27	HHCS - .625-11 x 8.00, GR5	5400108	7
28	HHCS - FLANGED, .313-18 X 1.25	5402844	4
29	HHCS - FLANGED, .375-16 X 1.25	5402856	8
30	HHCS - FLANGED, .375-16 X 1.50	5402860	4
31	HHCS - FLANGED, .500-13 X 1.75	5402853	2
32	HOUSING - MECHANICAL SEAL, ZS	1846200	1
33	IMPELLER - ZS, R.H.	2908700	1
34	KEY - SQ., 0.38 X 3.00	3602407	1
35	KEY - SQ., 0.50 x 3.00	3602456	1
36	KIT-MOUNTING, ZSF ADAPTER	KM02101	1
37	KIT-MOUNTING, ZSF SUCTION HEAD	KM02102	1
38	MECHANICAL SEAL - 2.00", ZS	1846300	1
39	METAL TACK, 3/16 HEAD, .025 L	5402873	2
40	NUT - IMPELLER, CONE, ZS	5403477	1
41	O-RING - 0.75 x 0.94 x 0.09	3601138	1
42	O-RING - 1.47 x 1.71 x 0.09	3601401	1
43	O-RING - 13.00 x 12.75 x 0.12	3601272	3
44	O-RING - 3.75 x 3.94 X 0.09	3601133	2
45	O-RING - 3.88 x 4.12 x .12	3601252	1
46	O-RING - 4.12 x 4.38 x 0.12	3601217	1
47	O-RING - 5.25 x 5.50 x 0.12	3601232	2
48	O-RING - 9.50 x 9.25 x 0.12	3601269-FORMED	1
49	OIL SEAL - 2.750 ID X 3.505 OD	3600511	2
50	OIL SEAL - 2.125 ID X 3.000 OD	3600571	1
51	PIN - COTTER, .125 x 2.00, SST	3605207	1
52	PIN - DOWEL, .375 X 0.625, GR8	3605410	2
53	PIN - DOWEL, 0.156 x 0.50, GR8	3605407	1
54	PLATE - SERIAL NO., .COM	1963109	1
55	PLUG - 1 5/16-12 SAE ORB, HEX SOC	3501575	3
56	PLUG - 3/4-16 SAE ORB, HEX SOC	3501573	2
57	PLUG - 7/16-20 SAE ORB, HEX SOC	3501629	2
58	PLUG - 7/8-14 SAE ORB, HEX SOC	3501632	3
59	PLUG - 9/16-18 SAE ORB, HEX SOC	3501578	1
60	PLUG - MAGNETIC, 3/4-16UNF	1080545	1
61	PLUG - PIPE, 0.125, SST SOC HD	1080533	1
62	PLUG - PIPE, 0.125, W/ .125 THRU	1080553	3
63	PLUG - PIPE, 0.250, SST SOC HD	1080535	5
64	PLUG - PIPE, 0.750 SST SQ HD	1080543	1
65	PLUG - PIPE, 0.750, SST SOC HD	1080551	3
66	PRIMER-BELT DRV, 24V, BNZ OP-ER	AP02155	1
67	PUMP - HYD, INTERNAL GEAR, LUBE	4821020	1
68	PUMP CASING - ZS	2056401	1
69	RING - RETAINER, SHR-200 STPA	3600443	1
70	SCREEN STRAINER	1122400	1
71	SEAL RING - ZS	3407500	2
72	SHAFT - IMPELLER, ZS	5022401	1
73	SHAFT - INPUT, ZSF	5023600	1
74	SLEEVE - MEGATRANS, OIL PUMP	1887400	1
75	SLINGER - WATER, ZS, 1.894 ID	3203210	1
76	SLINGER - WATER, ZSP INPUT	3206700	2
77	SPACER - 2.17 X 2.62 X .513	3309301	1
78	SPACER - 2.17 x 2.63 x .611	3305202	1
79	SPRING CARTRIDGE - OIL PUMP	4821100	1
80	STRAINER - FITTING	1122300	1
81	STUD - .500-13 X 2.00 SS	3606483	30
82	TUBE - LUBE PUMP DISCH, ZSE	4434153	1
83	TUBE - LUBE PUMP DISCH, ZSE	4434154	1
84	TUBE - LUBE PUMP DISCH, ZSE	4434155	1
85	TUBE - LUBE PUMP SUCTION, ZSE	4432160	1
86	VENT - GEARCASE, 1/8 NPT MALE	4401801	1
87	WASHER - FLAT, .641 X 1.303 X .160	3603825	7
88	WASHER - FLAT, 0.4375 ID	3603830	8
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LTR	DESCRIPTION	DATE	CHG NO.	APPR'D
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DATE 05JUN2014
SCALE 3/16

DZC0017