

PARTS LIST		CONTRACTOR PUMPS			Date: 5/30/2012	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	010-103-21	Cable Clip	2	No.4	SPC	
2	141-006-19	Nut	3	M10	SUS304	
3	140-074-15	Bolt	3	M10x20	SUS304	
4	009-113-17	Terminal (Solderless)	6	R-38-10	CU	
5	009-117-11	Terminal (Solderless)	1	R-22-6	CU	
6	009-116-10	Terminal (Solderless)	3	R-2-4	CU	
7	001-303-12 (65')	Power Cable 65'	1	AWG 2/6, 4/1, 14/3 x 65'	2PNCT.F	
7	001-006-54 (65')	Power Cable 20m-CE	1	AWG 2/6, 4/1, 14/3 x 65', G/Y	2PNCT.F	CE, Add Warning Labels.
8	011-101-19	Shackle	1	6mm (M8)	SS400	
9	095-100-18	Chain	1	d5(9-Link)	SS400	
10	072-108-15	Lifting Eye Bolt	2	M30	SS400	=072-108-44. see 072-108-28 (SUS304)
11	140-058-42	Bolt	4	M8x40 (All Thread)	SUS304	
12	141-005-18	Nut	4	M8	SUS304	
13	003-150-18	Gland	1	No.6	FC200	
14	004-171-18	Cable Bushing	1	d42.5xD65x25L	CR	
15	005-137-15	Bushing Washer	1	d43xD62x3.2t	SPC	
16	006-118-13	Stuffing Box	1	No.6	FC200	
17	140-076-17	Bolt	4	M10x30	SUS304	
18	142-164-19	Spring Washer	4	M10	SUS304	
19	122-264-18	O-Ring (Stuffing Box)	1	140xd3.5	NBR	*
20	141-004-46	Nut	6	M6	BSBM	
21	140-029-31	Bolt	6	M6x10	BSBM	
22	009-167-16	Terminal (Solderless)	6	R-38-S6	CU	
23	009-117-11	Terminal (Solderless)	6	R-22-6	CU	
24	143-041-12	Pan Screw	1	M6x8	SWRM3	
25	009-117-11	Terminal (Solderless)	1	R-22-6	CU	
26	009-115-19	Connector	3	PC-4020F		
27	009-114-18	Connector	3	PC-4020M		
27-1	002-128-14	Heat Shrink Tube	1	EVA(d10x1t)	\$/3.2ft	
27-2	002-164-12	Heat Shrink Tube	1	A4(d13.2x0.3t)	\$/3.2ft	see 002-134-13(OLD)
28	002-115-18	Heat Shrink Tube	1	EVA(d16.5x1t)	\$/3.2ft	
29	002-116-19	Heat Shrink Tube	1	A4(d19x0.35t)	\$/3.2ft	
30	037-000-69	Discharge Pipe	1	LH675-51/61 (JIS20Kx150mm, H=375)	SGP+SS	037-360-21(H=420) + 127-263-12/-264-13 are acceptable.
30-1	048-240-15	Companion Flange 6" NPT	1	JIS20K x NPT-6"	FC200	USA
30-2	121-000-65	Gasket (Companion Flange)	1	JIS20K x 150mm	NR	USA
30-3	140-175-17	Bolt	12	M22x85	SUS304	USA
30-4	141-010-16	Nut	12	M22	SUS304	USA
30-5	142-169-14	Spring Washer	12	M22	SUS304	USA
35	127-000-43	Bend Stay	1	LH675-51/61 (Right)	SS400	
36	140-126-13	Bolt	2	M16x50	SUS304	
39	142-166-11	Spring Washer	2	M16	SUS304	
31	141-008-11	Nut	6	M16	SUS304	
32	142-166-11	Spring Washer	6	M16	SUS304	
33	144-436-24	Stud Bolt	6	M16x69 (28/24)	SUS304	

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34	121-500-16	Gasket (Discharge Pipe)	1	LH637/875	T-sheet	*
37	140-124-11	Bolt	2	M16x40	SUS304	
38	142-166-11	Spring Washer	2	M16	SUS304	
40	141-008-11	Nut	2	M16	SUS304	
41	127-000-44	Bend Stay	1	LH675-51/61 (Left)	SS400	
42	035-113-18	Vacuum Test Plug (Oil Plug)	1	M12x14 (Socket Bolt, J=10)	SUS304	
43	121-247-12	Gasket (Vacuum Test Plug)	1	d11.8xD18x2t	PE-sheet	*
44	140-093-10	Bolt	2	M10x120	SUS304	
45	142-164-19	Spring Washer	2	M10	SUS304	
46	142-297-12	Seal Washer (M.Head Cover Bolt)	2	SM-10	SUS304+NBR	*
47	140-076-17	Bolt	1	M10x30	SUS304	
48	142-164-19	Spring Washer	1	M10	SUS304	
49	140-130-10	Bolt	6	M16x70	SUS304	
50	142-166-11	Spring Washer	6	M16	SUS304	
51	051-231-13	Motor Head Cover	1	LH637/875-50/60	FC200	
52	122-503-12	O-Ring (H.Cover/M.Bracket)	1	435xd6	NBR	*
53	122-344-13	O-Ring (H.Cover/M.Bracket)	1	234.3xd5.7	NBR	*
54	140-130-10	Bolt	8	M16x70	SUS304	
55	142-166-11	Spring Washer	8	M16	SUS304	
56	050-000-85	Motor Bracket	1	LH675-59/69	FC200	050-000-62 (for -51/61, FC250) is acceptable.
57	148-000-02	Grease Nipple	1	A-PT1/8	SUS304	see 148-002-16 (BSBM)
58	122-000-45	O-Ring (M.Bracket/Out.Cover)	1	494.5xd10(V-500)	NBR	*
59	002-140-12	Heat Shrink Tube	2 (x140L)	ST-110DG(d19)	\$/3.2ft	
60	181-000-11	Cable Tie	2	T18R-HR (Heat Resistance), 100L x 2.5B x 22D	46Nylon	181-104-12 (T18R, 66nylon) is not acceptable.
61	146-029-13	Retaining Ring	1	C50	SK-5	
62	052-137-11	Roller Bearing (Upper)	1	NU310C3		
63	061-000-08	Bearing Collar	1	d70xD109x1.2t	SS400	061-000-04 (for -51/61, d74) is acceptable.
64	113-000-08	Bearing Grease Cup	1	LH675-59/69, U.Bearing	FC200	113-000-02 (for -51/61, FC150) is acceptable.
65	142-163-18	Spring Washer	4	M8	SUS304	142-163-34 (SWRH) is acceptable.
66	140-055-10	Bolt	4	M8x25	SUS304	140-055-49 (SWRM3) is acceptable.
67	121-001-30	Gasket (U.Bearing, Felt)	2	6.0x5.5x235L	Felt	121-001-16 (for -51/61, 6.4x6.4x235L) is acceptable.
68	065-000-55	Outer Cover	1	LH675-59/69	SS400	065-000-43 (for -51/61) is acceptable.
69	055-002-27	Rotor and Shaft	1	LH675-59/69		055-001-71 (for -51/61) is not acceptable.
70	147-058-14	Key	1	12x8x52L (R/C)	SUS420J2	=147-000-45. 147-069-18 is acceptable.
71	053-306-16	Motor Protector	3	9700K-06-215		c/w Stator
72	056-007-06	Stator 380/400/415V-50HZ	1	LH675-59/69 (380/420-50, 380/460-60)		
72	056-007-06	Stator 380/440/460V-60HZ	1	LH675-59/69 (380/420-50, 380/460-60)		
72	056-007-07	Stator 575V-60HZ	1	LH675-59/69 (500/550-50, 575-60)		
73	122-000-44	O-Ring (M.Bracket/M.Frame)	1	G-350	NBR	*
74	064-001-07	Motor Frame	1	LH675-59/69	FC200	064-000-95 (for -51/61) is not acceptable.
77	140-130-10	Bolt	8	M16x70	SUS304	
78	142-166-11	Spring Washer	8	M16	SUS304	
79	122-000-44	O-Ring (M.Frame/B.Housing)	1	G-350	NBR	*
80	121-001-31	Gasket (L.Bearing, Felt)	1	6.0x5.5x252L	Felt	121-001-17 (for -51/61, 6.4x6.4x255L) is acceptable.

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81	140-076-17	Bolt	4	M10x30	SUS304	140-076-33 (SWRM3) is acceptable.
82	142-164-19	Spring Washer	4	M10	SUS304	142-164-35 (SWRH) is acceptable.
83	062-000-18	Bearing Cover	1	LH675-59/69, L.Bearing	FC200	062-000-13 (for -51/61, FC150) is acceptable.
84	061-000-09	Bearing Collar	1	d95xD139x3.2t	SS400	061-177-11 is acceptable.
85	052-000-62	Ball Bearing (Lower)	1set	7313ADBC3+Spacer (for LH6/875-59/69)		052-000-59 is not acceptable.
85-1	052-122-13	Ball Bearing (Lower)	1set	7313ADBC3		
85-2	071-000-46	Bearing Spacer	1	LH675-59/69, L.Bearing, Outer	S45C	c/w 052-000-62
85-3	071-000-47	Bearing Spacer	1	LH675-59/69, L.Bearing, Inner	S45C	c/w 052-000-62
86	142-246-16	Bearing Washer	1	AW13	SPCC	
87	141-078-12	Bearing Nut	1	AN13	SS400	
88	122-000-45	O-Ring (Out.Cover/B.Housing)	1	494.5xd10(V-500)	NBR	*
89	060-001-34	Bearing Housing	1	LH675-59/69	FC200	060-001-11 (for -51/61) is acceptable.
90	148-000-02	Grease Nipple	1	A-PT1/8	SUS304	see 148-002-16 (BSSM)
91	122-024-14	O-Ring (Grease Plug)	1	P-25	NBR	*
92	144-000-48	Grease Plug	1	M25x20 (Special)	SUS304	144-000-47 (for -51/61) is acceptable.
93	121-247-12	Gasket (Oil Plug)	2	d11.8xD18x2t	PE-sheet	*
94	035-113-18	Oil Plug	2	M12x14 (Socket Bolt, J=10)	SUS304	
95	122-307-14	O-Ring (B.Housing/U.P.Casing)	1	510xd5.7	NBR	*
96	090-122-11	Leak Sensor	1set	D9x43L	SUS420J2	
97	142-161-32	Spring Washer	2	M5	SWRH	see 142-161-16
98	140-021-33	Bolt	2	M5x20	SWRM3	see 140-021-17
99	026-188-16	Oil Seal	1	TC-60759	NBR	
100	071-000-48	Spacer	1	d64xD75x3.2t	SS400	071-000-38 (for -51/61) is acceptable.
101	122-149-16	O-Ring (L.Bearing Grease Cup)	1	G-190	NBR	*
102	113-000-09	Bearing Grease Cup	1	LH675-59/69, L.Bearing	FC200	113-000-03 (for -51/61, FC150) is acceptable.
103	142-164-19	Spring Washer	8	M10	SUS304	
104	140-076-17	Bolt	8	M10x30	SUS304	
105	025-268-18	Mechanical Seal	1	H-50T	SIC	
106	143-028-13	Pan Screw	3	M5x10	SWRM3	
107	030-133-19	Oil Lifter	1	H-50(T)	SPCC	
108	122-308-15	O-Ring (B.Housing/O.Casing)	1	320xd5.7	NBR	*
109	029-178-12	Oil Casing	1	GH-750H/L	FC200	Oil Seal (026-114-11) is not necessary.
110	142-165-10	Spring Washer	8	M12	SUS304	
111	140-097-14	Bolt	8	M12x30	SUS304	
112	122-308-15	O-Ring (O.Casing/U.P.Casing)	1	320xd5.7	NBR	*
113	071-142-18	Shaft Sleeve (Upper)	1	GH-550/750 (Flange)	SUS403	see 071-152-11(for LH690/6110)
114	020-A84-13	Upper Pump Casing	1	LH855/675, Upp. (w/ New Labyrinth Ring)	FC200	020-427-25(OLD)
114-1	026-166-21	Labyrinth Ring	1	LH675/875 (New)	SUS304	026-166-18(OLD)
115	144-160-24	Stud Bolt	8	M16x80	SUS304	144-160-11(OLD)
116	122-016-13	O-Ring (U.P.Casing Bolt)	8	P-16	NBR	*
117	142-166-11	Spring Washer	8	M16	SUS304	
118	141-008-11	Nut	8	M16	SUS304	
119	071-153-12	Shaft Sleeve (Lower)	1	d45xD55x57.5L	SUS403	see 071-143-19(58L for GH-550/750)
120	026-177-12	Oil Seal	1	TCN-557812	NBR	

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ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
121	040-127-11	Impeller Shim		d45.2xD68x0.3t (Type B)	SUS304	
122	021-411-32	Impeller	1	GH-675-60Hz	HiCrFC	
122	021-412-20	Impeller	1	GH-675-50Hz	HiCrFC	
123	142-274-13	Impeller Washer	1	d33xD75x6t	SUS304	
124	141-012-50	Nut	1	M30 (M=18)	SUS304	
125	141-036-18	Acorn Nut	1	M30	SUS304	
126	121-000-30	Gasket (U./L. P.Casing)	1	d403xD516x0.6t, LH675	T-sheet	see 121-271-15 (OLD for LH855/675/875)
127	020-429-43	Lower Pump Casing	1	GH-750H, Low.	FC200	
128	142-166-11	Spring Washer	8	M16	SUS304	
129	140-125-12	Bolt	8	M16x45	SUS304	
130	120-118-10	Gasket (S.Mouth)		d211xD274x0.5t	PE-sheet	
131	034-118-10	Suction Mouth	1	GH-750H/L	HiCrFC	
132	142-165-10	Spring Washer	6	M12	SUS304	
133	140-096-13	Bolt	6	M12x25	SUS304	
134	144-128-17	Stud Bolt	4	M16x110 (24/24)	SUS304	
135	023-265-19	Suction Strainer	1	GH-750H	SS400	
136	141-008-11	Nut	4	M16	SUS304	
137	141-007-10	Nut	3	M12	SUS304	
138	142-129-12	Washer	3	M12	SUS304	
139	142-165-10	Spring Washer	3	M12	SUS304	
140	043-102-19	Cathodic Prot. Plate	3	AB-1HS	AL	
141	140-097-14	Bolt	3	M12x30	SUS304	
<Gasket O-Ring Set>						
	173-002-96	Gasket O-Ring Set	1set	(*)		173-002-26 (for -51/61) is acceptable.
19	122-264-18	O-Ring (Stuffing Box)	1	140xd3.5	NBR	*
34	121-500-16	Gasket (Discharge Pipe)	1	LH637/875	T-sheet	*
43	121-247-12	Gasket (Vacuum Test Plug)	1	d11.8xD18x2t	PE-sheet	*
46	142-297-12	Seal Washer (M.Head Cover Bolt)	2	SM-10	SUS304+NBR	*
52	122-503-12	O-Ring (H.Cover/M.Bracket)	1	435xd6	NBR	*
53	122-344-13	O-Ring (H.Cover/M.Bracket)	1	234.3xd5.7	NBR	*
58	122-000-45	O-Ring (M.Bracket/Out.Cover)	1	494.5xd10(V-500)	NBR	*
73	122-000-44	O-Ring (M.Bracket/M.Frame)	1	G-350	NBR	*
79	122-000-44	O-Ring (M.Frame/B.Housing)	1	G-350	NBR	*
88	122-000-45	O-Ring (Out.Cover/B.Housing)	1	494.5xd10(V-500)	NBR	*
91	122-024-14	O-Ring (Grease Plug)	1	P-25	NBR	*
93	121-247-12	Gasket (Oil Plug)	2	d11.8xD18x2t	PE-sheet	*
95	122-307-14	O-Ring (B.Housing/U.P.Casing)	1	510xd5.7	NBR	*
101	122-149-16	O-Ring (L.Bearing Grease Cup)	1	G-190	NBR	*
108	122-308-15	O-Ring (B.Housing/O.Casing)	1	320xd5.7	NBR	*
112	122-308-15	O-Ring (O.Casing/U.P.Casing)	1	320xd5.7	NBR	*
116	122-016-13	O-Ring (U.P.Casing Bolt)	8	P-16	NBR	*
		Lubricant		Turbine Oil#32 6,100 mL (206 floz)	(SAE 10W-20)	

EXPLODED VIEW LH675/875-59/69

