

PARTS LIST		CONTRACTOR PUMP			3/4/2013	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	011-101-19	Shackle	2	6mm	SS	
2	095-100-18	Chain	2	d5(9-Link)	SS	
3	010-103-21	Cable Clip	4	No.4	SPC	
4	140-074-15	Hex.Bolt	6	M10x20	SUS304	
5	141-006-19	Hex.Nut	6	M10	SUS304	
6	009-116-10	Terminal	3	R-2-4	CU	
7	009-113-17	Terminal	3	R-38-10	CU	
8	009-113-17	Terminal	3	R-38-10	CU	
9	009-168-17	Terminal	1	R-22-S6	CU	
10	010-129-10	Cable Clip Rubber	2	115x100x2t	NBR	
11	140-056-11	Hex.Bolt	8	M8x30	SUS304	
12	141-005-47	Hex.Nut	8	M8(B=12)	SUS304	
13	003-106-19	Gland	2	No.5	FC	
14	004-113-12	Cable Bush	2	No.12	SBR	
15	006-103-28	Stuffing Box	2	No.5	FC	
16	140-076-17	Hex.Bolt	8	M10x30	SUS304	
17	142-164-19	Spring Washer	8	M10	SUS304	
18	122-264-18	O-Ring	2	140xd3.5	NBR	
19	001-130-16	Cabtyre Cable (Sold per meter)460V-60Hz(USA)	15	2PNCTF3Cx38mm2	(√/m)	
19	001-130-16	Cabtyre Cable (Sold per meter)575V-60Hz(USA)	15	2PNCTF3Cx38mm2	(√/m)	
20	001-140-19	Cabtyre Cable (Sold per meter)460V-60Hz(USA)	15	2PNCTF7Cx38mm2	(√/m)	
20	001-140-19	Cabtyre Cable (Sold per meter)575V-60Hz(USA)	15	2PNCTF7Cx38mm2	(√/m)	
21	008-105-13	Mould Cover	2	No.3	NBR	
22	003-149-14	Gland (Lower)	2	No.5	FC	
23	142-162-17	Spring Washer	8	M6	SUS304	
24	140-033-12	Hex.Bolt	8	M6x16	SUS304	
25	141-004-59	Hex.Nut	6	M6	SWRM	
26	009-108-19	Terminal	6	R-38-6	CU	
27	009-108-19	Terminal	6	R-38-6	CU	
28	140-029-28	Hex.Bolt	6	M6x10	SWRM	
29	002-115-18	Heat Shrink Tube (Sold per meter)	m	EVA(d16.5x1t)	(√/m)	
30	002-116-19	Heat Shrink Tube (Sold per meter)	m	A4(d20x0.35t)	(√/m)	
31	143-041-12	Pan Screw	1	M6x8	SWRM	
32	009-168-17	Terminal	1	R-22-S6	CU	
33	009-114-18	Connector	3	PC-4020M		
34	009-115-19	Connector	3	PC-4020F		
35	140-033-12	Hex.Bolt	3	M6x16	SUS304	
36	142-162-17	Spring Washer	3	M6	SUS304	
37	016-138-10	Protection Bush	1	LH-90/110KW(6)	SBR	
38	127-000-20	Stay	1	LH690/6110	SS	
39	140-125-12	Hex.Bolt	2	M16x45	SUS304	
40	142-166-11	Spring Washer	2	M16	SUS304	
40A	142-130-16	Plain Washer	2	M16	SUS304	
40B	142-000-29	Washer		0.8/1.2/2.3	SS	

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41	142-165-10	Spring Washer	2	M12	SUS304	
42	140-099-16	Hex.Bolt	2	M12x40	SUS304	
43	140-099-16	Hex.Bolt	10	M12x40	SUS304	
44	142-165-10	Spring Washer	10	M12	SUS304	
45	037-000-56	Flanged Discharge Pipe	1	150mm(GH-370H)	FCD	
46	121-145-19	Packing	1	GH-370	NBR	
47	140-033-12	Hex.Bolt	2	M6x16	SUS304	
48	214-010-15	Blind Cover	1	LH890/8110	SS	
49	121-517-16	Packing	1	38mm2x2t	NBR	
50	148-003-17	Grease Nipple	1	A-PT1/4	C3604	
51	016-137-19	Protection Bush	1	LH-90/110KW(3)	SBR	
52	072-129-12	Eye Bolt	2	M42	SF	
53	035-102-30	Air Tightness Test Plug	1	M12x16(B=21)	SUS304	
54	122-259-10	O-Ring	1	12xd3	NBR	
55	140-135-15	Hex.Bolt	8	M16x100	SUS304	
56	142-166-11	Spring Washer	8	M16	SUS304	
57	121-457-17	Seal Packing	8	d16xd27x4t	NBR	
58	050-429-17	Motor Bracket	1		FC	
59	146-034-11	Retaining Ring	1	C60	SK5	
60	052-148-15	Bearing	1	NU-312A		
61	061-176-10	Bearing Collar	1	d79xd129x1.2t	SS	
62	026-273-19	Oil Seal	1	SC-8010513	NBR	
63	113-103-10	Grease Pan Gray Iron Casting	1	LH110KW	FC	
64	142-163-34	Spring Washer	4	M8	SWRH	
65	140-055-49	Hex.Bolt	4	M8x25	SWRM	
66	122-000-22	O-Ring	1	V-530(524.5xd10)	NBR	
67	065-360-15	Outer Cover	1		SS	
68	122-000-22	O-Ring	1	V-530(524.5xd10)	NBR	
69	055-729-15	Rotor	1Set			
70	147-005-16	Impeller Key	1	12x8x40	SUS304	
71	053-306-16	Motor Protector	3	9700K-06-215	(H)	
72	056-006-39	Stator 460V-60Hz(USA)	1Set			
72	056-006-40	Stator 575V-60Hz(USA)	1Set			
73	122-256-17	O-Ring	1	390xd5.7	NBR	
74	064-499-11	Motor Frame	1		FC	
75	140-132-12	Hex.Bolt	8	M16x80	SUS304	
76	142-166-11	Spring Washer	8	M16	SUS304	
77	142-427-13	Seal Washer	2	WD-12	SPC+NBR	
78	144-540-19	Stator Set Bolt	2	M12x40	SS	
79	122-256-17	O-Ring	1	390xd5.7	NBR	
80	121-520-12	Packing	1	10x6.4x270	Felt	
81	062-222-15	Bearing Cover	1		FC	
82	140-076-33	Hex.Bolt	4	M10x30	SWRM	
83	142-164-35	Spring Washer	4	M10	SWRH	

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84	061-177-11	Bearing Collar	1	d95xd139x3.2t	SS	
85	052-185-14	Bearing	1Set	7313ADB		
86	141-078-25	Bearing Nut	1	AN13	SUS304	
87	142-246-29	Bearing Washer	1	AW13	SUS304	
88	060-421-10	Bearing Housing	1		FC	
89	122-259-10	O-Ring	1	12xd3	NBR	
90	035-102-30	Oil Plug	1	M12x16(B=21)	SUS304	
91	122-259-10	O-Ring	2	12xd3	NBR	
92	035-102-30	Oil Plug	2	M12x16(B=21)	SUS304	
93	122-016-13	O-Ring	8	P-16(15.8xd2.4)	NBR	
94	144-439-14	Stud Bolt	8	M16x60(28/20)	SUS304	
95	090-122-11	Leakage Sensor(Electrode)	1Set	d9x43L	SUS	
96	142-161-32	Spring Washer	2	M5	SWRH	
97	140-021-33	Hex.Bolt	2	M5x20	SWRM	
98	026-274-10	Oil Seal	1	SC-507212	NBR	
99	071-322-14	Spacer	3	d55xd71x3.2t	SS	
100	122-153-13	O-Ring	1	G-220(219.3xd5.7)	NBR	
101	113-104-11	Greese Pan Gray Iron Casting	1	LH110KW	FC	
102	142-164-35	Spring Washer	4	M10	SWRH	
103	140-076-33	Hex.Bolt	4	M10x30	SWRM	
104	025-268-18	Mechanical Seal	1	H-50T	SiC	
105	143-028-13	Pan Screw	3	M5x10	SWRM	
106	030-133-19	Oil Lifter	1	H-50(T)	SPCC	
107	122-270-17	O-Ring	1	350xd5.7	NBR	
108	029-174-21	Oil Casing	1	GH-1100	FC	
109	122-270-17	O-Ring	1	350xd5.7	NBR	
110	142-165-10	Spring Washer	8	M12	SUS304	
111	140-097-14	Hex.Bolt	8	M12x30	SUS304	
112	071-142-18	Shaft Sleeve (Upper)	1	GH-550/750	SUS403	
113	071-153-12	Shaft Sleeve (Lower)	1	d45xd49x57.5L	SUS403	
114	122-271-18	O-Ring	1	540xd5.7	NBR	
115	020-928-18	Pump Casing (Upper)(60Hz)	1	LH890/8110-50,6110-60	FC	
116	144-435-36	Stud Bolt	8	M16x40(28/32)	SUS304	
117	142-166-11	Spring Washer	8	M16	SUS304	
118	141-008-11	Hex.Nut	8	M16	SUS304	
119	122-226-18	O-Ring	2	S-75(74.5xd2.0)	NBR	
120	026-211-19	Labyrinth Ring	1	d55.5xd78x47L	SUS403	
121	040-127-11	Impeller Shim		d45.2xd68x0.3t	SUS304	
122	021G5110	Impeller (60Hz)	1	LH6110-60	HiCrFC	
123	142-274-13	Impeller Fixing Washer	1	d33xd75x6t	SUS304	
124	141-012-50	Hex.Nut	1	M30(H=18)	SUS304	
125	141-036-18	Hex.Cap Nut	1	M30	SUS304	
126	020-927-17	Pump Casing (Lower)(60Hz)	1	LH6110-60	FCD	
127	142-166-11	Spring Washer	8	M16	SUS304	

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128	141-008-11	Hex.Nut	8	M16	SUS304	
129	140-101-41	Hex.Bolt	4	M12x50	SUS304	
130	144-128-17	Stud Bolt	4	M16x110(24/24)	SUS403	
131	122-302-19	O-Ring	1	215xd3.8	NBR	
132	120-118-10	Packing (S.Cover)		d211xd274x0.5t	PE	
133	034-423-11	Suction Mouth(60Hz)	1	GH-890	HiCrFC	
134	142-165-10	Spring Washer	6	M12	SUS304	
135	140-098-15	Hex.Bolt(60Hz)	6	M12x35	SUS304	
136	141-007-10	Hex.Nut	3	M12	SUS304	
137	142-129-12	Plain Washer	3	M12	SUS304	
138	142-165-10	Spring Washer	3	M12	SUS304	
139	043-102-19	Cathodic Protection Plate	3	AB-1HS(75x70x20t)	Al	
140	023-287-17	Strainer Stand	1	LH690/6110	SPC	
141	140-097-14	Hex.Bolt	3	M12x30	SUS304	
142	141-008-11	Hex.Nut	4	M16	SUS304	
		<NPT Flange Version>				
	048-000-51	Screwed Flange	1	NPT-6(JIS10K)	FC	
	121-108-23	Packing	1	JIS10Kx150mm	NR	
	140-155-11	Hex.Bolt	8	M20x85	SUS304	
	142-168-13	Spring Washer	8	M20	SUS304	
	141-009-12	Hex.Nut	8	M20	SUS304	
		<Packing O-Ring Set>				
	173-001-26	Packing O-Ring Set	1Set	(Marked by *)		
18	122-264-18	O-Ring (S.Box)	2	140xd3.5	NBR	
46	121-145-19	Packing (Discharge Pipe)	1	GH-370	NBR	
49	121-517-16	Packing (Blind Cover)	1	38mm2x2t	NBR	
54	122-259-10	O-Ring (Air Tightness Test Plug)	1	12xd3	NBR	
57	121-457-17	Seal Packing (M.Bracket Bolt)	8	d16xd27x4t	NBR	
66	122-000-22	O-Ring (M.Bracket/Out.Cover)	1	V-530(524.5xd10)	NBR	
68	122-000-22	O-Ring (Out.Cover/M.Frame)	1	V-530(524.5xd10)	NBR	
73	122-256-17	O-Ring (M.Bracket/M.Frame)	1	390xd5.7	NBR	
79	122-256-17	O-Ring (M.Frame/Brg.Housing)	1	390xd5.7	NBR	
80	121-520-12	Packing (Bearing Collar)	1	10x6.4x270	Felt	
89	122-259-10	O-Ring (Oil Plug)	1	12xd3	NBR	
91	122-259-10	O-Ring (Oil Plug)	2	12xd3	NBR	
93	122-016-13	O-Ring (Upp. P.Casing Bolt)	8	P-16(15.8xd2.4)	NBR	
100	122-153-13	O-Ring (Brg.Housing/Greese Pan)	1	G-220(219.3xd5.7)	NBR	
107	122-270-17	O-Ring (Brg.Housing/O.Casing)	1	350xd5.7	NBR	
109	122-270-17	O-Ring (O.Casing/Upp.Casing)	1	350xd5.7	NBR	
114	122-271-18	O-Ring (Brg.Housing/Upp..Casing)	1	540xd5.7	NBR	
119	122-226-18	O-Ring (Labyrinth Ring)	2	S-75(74.5xd2.0)	NBR	
131	122-302-19	O-Ring (Mouth Ring/Low. P.Casing)	1	215xd3.8	NBR	
		Lubricant		Turbine Oil VG32 8,000ml		

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## EXPLODED VIEW

LH6110-50/60

