

PARTS LIST		CONTRACTOR PUMP			3/29/2013	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	141-005-18	Hex.Nut	3	M8	SUS304	
2	010-143-10	Cable Clip	2	No.5	SPC	
3	140-054-19	Hex.Bolt	3	M8x20	SUS304	
4		Cabletyre Cable (Sold per meter)				
5	011-110-11	Shackle	1	6mm(M8,SC)	SS	
6	095-100-18	Chain	1	d5(9-Link)	SS	
7	072-103-23	Eye Bolt	2	M24	SUS304	
8	140-058-42	Hex.Bolt	4	M8x40	SUS304	
9	141-005-18	Hex.Nut	4	M8	SUS304	
10	003-000-15	Gland	1	KRS-819/822	FC	
11	004-134-19	Cable Bush	1	d33xd58.5x24l	NBR	
12	005-123-18	Bush Washer	1	d35xd57x3.2t	SPC	
13	140-000-01	Hex.Bolt	4	M10x30(B=14)	SUS304	
14	006-119-27	Stuffing Box	1	KRS-8L	FC	
15	122-135-19	O-Ring	1	G-120(119.4xd3.1)	NBR	
16	008-132-19	Mould Cover	1	KRS-819/822(L)	NBR	
17	003-149-14	Gland (Lower)	1	No.5	FC	
18	141-004-46	Hex.Nut	3	M6	C3604	
19	009-168-17	Terminal	3	R-22-S6	CU	
20	009-107-18	Terminal	3	R-14-6	CU	
21	140-029-31	Hex.Bolt	3	M6x10	C3604	
22	002-115-18	Heat Shrink Tube (Sold per meter)	m	EVA(d16.5x1t)	(V/m)	
23	002-116-19	Heat Shrink Tube (Sold per meter)	m	A4(d20x0.35t)	(V/m)	
24	009-168-17	Terminal	1	R-22-S6	CU	
25	140-033-12	Hex.Bolt	4	M6x16	SUS304	
26	141-007-10	Hex.Nut	8	M12	SUS304	
27	142-165-10	Spring Washer	8	M12	SUS304	
28	144-420-38	Stud Bolt	8	M12x35(22/24)(JIS)	SUS304	
29	037-350-15	Flanged Discharge Pipe	1	80mm JIS20K,GHZ322W	SGP+SS	
30	121-447-14	Packing	1	d78xd152x1t	THREE SHEET	
31	140-134-14	Hex.Bolt	4	M16x90	SUS304	
32	142-166-11	Spring Washer	4	M16	SUS304	
33	142-353-17	Seal Washer	4	SM-16	SUS+NBR	
34	051-222-11	Motor Head Cover	1		FC	
35	122-147-14	O-Ring	1	G-180(179.3xd5.7)	NBR	
36	143-030-18	Pan Screw	2	M5x14	SWRM	
37	209-029-11	Cover	1		FC	
38	143-032-10	Pan Screw	2	M5x16	SWRM	
39		Motor Protector				
40	058-168-19	Protector Fixing Plate	1	d62xd100x0.8t	SPC	
41	016-113-19	Lead Wire Protection Bush	2	GH-422/430(for 3 cores)	SBR	
42	140-100-11	Hex.Bolt	6	M12x45	SUS304	
43	142-165-10	Spring Washer	6	M12	SUS304	
44	050-407-19	Motor Bracket	1		FC	

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45	142-199-13	Wave Washer	1	6208/6307	SK5	
46	052-110-18	Bearing	1	6307ZZC3		
47	122-127-18	O-Ring	1	G-80(79.4xd3.1)	NBR	
48	121-454-14	Packing	1	d291xd307.8x16.4t	NBR	
49	065-340-19	Outer Cover	1	GHZ-322W	SS	
50	121-454-14	Packing	1	d291xd307.8x16.4t	NBR	
51	055-724-10	Rotor	1Set			
52	147-132-13	Impeller Key	2	10x8x25l	SUS420	
53		Stator	1Set			
54	122-153-13	O-Ring	1	G-220(219.3xd5.7)	NBR	
55	064-389-17	Motor Frame	1		FC	
56	122-259-10	O-Ring	1	12xd3	NBR	
57	144-490-13	Stator Set Bolt	1	M12(B=21)	SUS403	
58	122-171-17	O-Ring	1	V-150(148.5xd4)	NBR	
59	122-150-10	O-Ring	1	G-195(184.3xd5.7)	NBR	
60	121-463-16	Packing (Felt)	2	4x4.4x217l	Felt	
61	140-055-49	Hex.Bolt	4	M8x25	SWRM	
62	062-210-10	Bearing Cover	1	d55.5xd160x22t	FC	
63	052-120-11	Bearing	1Set	7311ADBC3		
64	142-244-14	Bearing Washer	1	AW11	SPCC	
65	141-076-10	Bearing Nut	1	AN11	SS	
66	026-272-18	Oil Seal	1	SC-50689	NBR	
67	060-420-19	Bearing Housing	1		FC	
68	121-247-12	Packing	2	d12.3xd18x2t	PE	
69	035-113-18	Oil Plug	2	M12x14	SUS304	
70	142-165-10	Spring Washer	6	M12	SUS304	
71	140-100-11	Hex.Bolt	6	M12x45	SUS304	
72	025-000-04	Mechanical Seal	1	HT-4550N	SiC	
73	143-027-12	Pan Screw	6	M5x8	SWRM	
74	030-130-16	Oil Ring	1	HT-4550	SPCC	
75	122-251-12	O-Ring	1	205xd3.8	NBR	
76	029-000-90	Oil Casing	1	LH322W/430W	FC	
77	142-164-19	Spring Washer	4	M10	SUS304	
78	140-286-12	Hex.Socket Cap Bolt	4	M10x30	SUS304	
79	071-299-11	Shaft Sleeve (Upper)	1	d40xd50x23t	SUS403	
80	144-438-26	Stud Bolt	4	M16x55(28/24)(JIS)	SUS304	
81	122-016-13	O-Ring	4	P-16(15.8xd2.4)	NBR	
82	122-251-12	O-Ring	1	205xd3.8	NBR	
83	122-295-18	O-Ring	1	310xd3.8	NBR	
84	020-002-92	Pump Casing (Upper)	1	GHZ-322W(w/Labyrinth Ring)	FC+SUS	
85	142-166-11	Spring Washer	4	M16	SUS304	
86	141-008-11	Hex.Nut	4	M16	SUS304	
87	140-125-12	Hex.Bolt	4	M16x45	SUS304	
88	142-166-11	Spring Washer	4	M16	SUS304	

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89	122-295-18	O-Ring	1	310xd3.8	NBR	
90	040-126-10	Impeller Shim		d41.5xd59x0.3t	SUS304	
91	021F9010	Impeller (50Hz)	2	LH322W-50	HiCrFC	
91	021F9111	Impeller (60Hz)	2	LH322W-60	HiCrFC	
92	020-002-93	Pump Casing (Middle)	1	w/Mouth Ring, Labyrinth Ring	FC	
93	122-295-18	O-Ring	1	310xd3.8	NBR	
94	071-300-16	Shaft Sleeve (Lower)	1	d40xd50x47t	SUS403	
95	040-126-10	Impeller Shim		d41.5xd59x0.3t	SUS304	
96	142-134-10	Plain Washer	1	M30	SUS304	
97	141-012-50	Hex.Nut	2	M30(H=18)	SUS304	
98	020-895-15	Pump Casing (Lower)	1	GHZ-322W(w/Mouth Ring)	FC+HiCrFC	
99	142-166-11	Spring Washer	4	M16	SUS304	
100	140-126-13	Hex.Bolt	4	M16x50	SUS304	
101	141-007-10	Hex.Nut	2	M12	SUS304	
102	142-165-10	Spring Washer	2	M12	SUS304	
103	142-129-12	Plain Washer	2	M12	SUS304	
104	043-102-19	Cathodic Protection Plate	2	AB-1HS(75x70x20t)	Al	
105	140-096-13	Hex.Bolt	2	M12x25	SUS304	
106	144-128-17	Stud Bolt	4	M16x110(24/24)	SUS403	
107	023-001-23	Strainer Stand	1	LH322W-51/61	SS	
108	142-166-11	Spring Washer	4	M16	SUS304	
109	141-008-11	Hex.Nut	4	M16	SUS304	
		<Packing O-Ring Set>				
	173-487-17	Packing O-Ring Set	1Set	(Marked by *)		
15	122-135-19	O-Ring (S.Box)	1	G-120(119.4xd3.1)	NBR	
30	121-447-14	Packing (Discharge Pipe)	1	d78xd152x1t	THREE SHEET	
33	142-353-17	Seal Washer (Motor Head Cover bolt)	4	SM-16	SUS+NBR	
35	122-147-14	O-Ring (Head Cover/M.Bracket)	1	G-180(179.3xd5.7)	NBR	
47	122-127-18	O-Ring (Upp. Bearing)	1	G-80(79.4xd3.1)	NBR	
48	121-454-14	Packing (M.Bracket/Out.Cover)	1	d291xd307.8x16.4t	NBR	
50	121-454-14	Packing (Out.Cover/Brg.Housing)	1	d291xd307.8x16.4t	NBR	
54	122-153-13	O-Ring (M.Bracket/M.Frame)	1	G-220(219.3xd5.7)	NBR	
56	122-259-10	O-Ring (Stator Set Bolt)	1	12xd3	NBR	
58	122-171-17	O-Ring (M.Frame/Brg.Housing)	1	V-150(148.5xd4)	NBR	
59	122-150-10	O-Ring (M.Frame/Brg.Housing)	1	G-195(184.3xd5.7)	NBR	
68	121-247-12	Packing (Oil Plug)	2	d12.3xd18x2t	PE	
75	122-251-12	O-Ring (Brg.Housing/O.Casing)	1	205xd3.8	NBR	
81	122-016-13	O-Ring (Upp. P.Casing Bolt)	4	P-16(15.8xd2.4)	NBR	
82	122-251-12	O-Ring (O.Casing/Upp. P.Casing)	1	205xd3.8	NBR	
83	122-295-18	O-Ring (Brg.Housing/Upp. P.Casing)	1	310xd3.8	NBR	
89	122-295-18	O-Ring (Upp./Mid. P.Casing)	1	310xd3.8	NBR	
93	122-295-18	O-Ring (Mid./Low. P.Casing)	1	310xd3.8	NBR	
		Lubricant		Turbine Oil VG32 2.050ml		

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LH322W-50/60

