

PARTS LIST		HI PRESSURE DEWATERING PUMP			1/23/2014	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	141-006-19	Hex.Nut	3	M10	SUS304	
2	010-103-21	Cable Clip	2	No.4	SPC	
3	140-074-15	Hex.Bolt	3	M10x20	SUS304	
4	009-117-11	Terminal	6	R-22-6	CU	included in ITEM #7 Cable Assembly
5	009-107-18	Terminal	1	R-14-6	CU	included in ITEM #7 Cable Assembly
6	009-116-10	Terminal	2	R-2-4	CU	included in ITEM #7 Cable Assembly
7	001-007-70	Cabtyre Cable Set (50') 460-575V-60Hz	1	2PNCTFMulti-core 9Cx22mm2	(V/m)	
8	011-110-11	Shackle	1	6mm(M8,SC)	SS	
9	095-132-19	Chain	1	4mm(6L)	SS	
10	072-103-23	Eve Bolt	2	M24	SUS304	
11	140-056-53	Hex.Bolt	4	M8x30	SUS304	included in ITEM #7 Cable Assembly
12	141-005-18	Hex.Nut	4	M8	SUS304	included in ITEM #7 Cable Assembly
13	003-106-19	Gland	1	No.5	FC	included in ITEM #7 Cable Assembly
14	004-170-17	Cable Bush	1	d39.5xd58.5x22l	CR	included in ITEM #7 Cable Assembly
15	005-106-28	Bush Washer	1	d42xd57x3.2t	SPC	included in ITEM #7 Cable Assembly
16	140-076-17	Hex.Bolt	4	M10x30	SUS304	
17	142-164-19	Spring Washer	4	M10	SUS304	
18	006-119-27	Stuffing Box	1	KRS-8L	FC	included in ITEM #7 Cable Assembly
19	122-135-19	O-Ring	1	G-120(119.4xd3.1)	NBR	*
20	008-132-19	Mould Cover	1	KRS-819/822(L)	NBR	included in ITEM #7 Cable Assembly
21	003-149-14	Gland (Lower)	1	No.5	FC	included in ITEM #7 Cable Assembly
22	140-033-12	Hex.Bolt	4	M6x16	SUS304	
23	141-004-59	Hex.Nut	6	M6	SWRM	
24	009-168-17	Terminal	6	R-22-S6	CU	included in ITEM #7 Cable Assembly
25	009-107-18	Terminal	6	R-14-6	CU	
26	140-029-28	Hex.Bolt	6	M6x10	SWRM	
27	002-115-18	Heat Shrink Tube (Sold per meter)	m	EVA(d16.5x1t)	(V/m)	
28	002-116-19	Heat Shrink Tube (Sold per meter)	m	A4(d20x0.35t)	(V/m)	
29	143-041-12	Pan Screw	1	M6x8	SWRM	
30	142-126-48	Plain Washer	1	M6	C3604	
31	009-107-18	Terminal	1	R-14-6	CU	included in ITEM #7 Cable Assembly
32	009-114-18	Connector	2	PC-4020M		included in ITEM #7 Cable Assembly
33	009-115-19	Connector	2	PC-4020F		
34	037-429-16	Center-Flange Discharge Pipe	1	LH422/430-51/61	FCD	
35	141-007-10	Hex.Nut	5	M12	SUS304	
36	142-165-10	Spring Washer	5	M12	SUS304	
37	121-374-19	Packing	1	d140xd172x1t	THREE SHEET	*
38	144-000-46	Stud Bolt	5	M12x64(24/27)	SUS304	
39	140-098-15	Hex.Bolt	2	M12x35	SUS304	
40	142-165-10	Spring Washer	2	M12	SUS304	
41	127-287-12	Stay 2	1	LH422/430-51/61For (Left)	SS	
42	127-286-11	Stay 1	1	LH422/430-51/61For (Right)	SS	
43	140-097-14	Hex.Bolt	2	M12x30	SUS304	
44	142-165-10	Spring Washer	2	M12	SUS304	

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45	140-138-18	Hex.Bolt	6	M16x130	SUS304	
46	142-166-11	Spring Washer	6	M16	SUS304	
47	142-353-17	Seal Washer	6	SM-16	SUS+NBR	*
48	050-495-14	Motor Bracket	1		FC	
49	144-584-15	Hex. Socket Cap Screw	4	M12x16	SUS304	
50	122-157-17	O-Ring	1	G-260(259.3xd5.7)	NBR	*
51	121-593-16	Packing	1	LH619/422/430(L)	NBR	*
52	058-203-17	Lead Wire Protection Plate	1	d108xd269x3.2t	SPHC	
53	122-127-18	O-Ring	1	G-80(79.4xd3.1)	NBR	*
54	142-199-13	Wave Washer	1	6208/6307	SK5	
55	052-110-18	Bearing	1	6307ZZC3		
56	065-387-18	Outer Cover	1		SS	
57	121-593-16	Packing	1	LH619/422/430(L)	NBR	*
58	053-309-19	Motor Protector	3	9700K-46-215	(H)	
59		Stator 460V-60Hz	1Set			
59		Stator 575V-60Hz	1Set			
60	064-572-19	Motor Frame	1		FC	
61	122-259-10	O-Ring	1	12xd3	NBR	*
62	144-490-13	Stator Set Bolt	1	M12(B=21)	SUS403	
63	122-153-13	O-Ring	1	G-220(219.3xd5.7)	NBR	*
64	055-888-13	Rotor	1Set			
65	147-064-13	Impeller Key	1	7x7x37.5l	SUS420	
66	140-033-25	Hex.Bolt	3	M6x16	SWRM	
67	062-177-14	Bearing Fixing Plate	1		SS	
68	052-142-19	Bearing	1Set	6311ZZD2C3		
69	142-244-14	Bearing Washer	1	AW11	SPCC	
70	141-076-10	Bearing Nut	1	AN11	SS	
71	026-271-17	Oil Seal	1	SC-40588	NBR	
72	140-016-19	Hex.Bolt	2	M5x12	SUS304	
73	003-219-16	Gland	1		SPHC	
74	032-423-15	Bush	1	d9.5x18.5L	NBR	
75	121-247-12	Packing	2	d12.3xd18x2t	PE	*
76	035-113-18	Oil Plug	2	M12x14	SUS304	
77	144-584-15	Hex. Socket Cap Screw	4	M12x16	SUS304	
78	060-491-11	Bearing Housing	1		FC	
79	122-258-19	O-Ring	1	395xd5	NBR	*
80	142-166-11	Spring Washer	4	M16	SUS304	
81	140-518-16	Hex.Socket Cap Bolt	4	M16x170	SUS304	
82	122-129-10	O-Ring	1	G-90(89.4xd3.1)	NBR	*
83	028-170-11	Seal Housing	1	LH619/422/622/430-51/61	FC	
84	142-163-18	Spring Washer	4	M8	SUS304	
85	140-055-10	Hex.Bolt	4	M8x25	SUS304	
86	032-423-15	Bush	1	d9.5x18.5L	NBR	
87	003-219-16	Gland	1		SPHC	

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88	140-016-19	Hex.Bolt	2	M5x12	SUS304	
89	144-444-25	Stud Bolt	4	M16x100(38/24)(JIS)	SUS304	
90	025-257-14	Mechanical Seal	1	H-35T	SiC	
91	143-070-23	Pan Screw	2	M5x6	SWRM	
92	030-156-18	Oil Lifter	1	H-35(A)(T)	Resin	
93	143-070-10	Pan Screw	3	M5x6	SWRM	
94	030-150-12	Seal Stopper	1	H-35(A)(T)	SPCC	
95	122-250-11	O-Ring	1	230xd3.8	NBR	*
96	029-398-10	Oil Casing	1	LH619/422/622/430-51/61	FC	
97	142-164-19	Spring Washer	4	M10	SUS304	
98	140-076-17	Hex.Bolt	4	M10x30	SUS304	
99	020-000-33	Upper Pump Casing (w/Labyrinth Ring)	1	LH619/422/622/430-51/61	FCD	
100	140-289-15	Hex.Socket Cap Bolt	4	M10x40	SUS304	
101	122-258-19	O-Ring	1	395xd5	NBR	*
102	040-125-19	Impeller Shim		d31xd45.2x0.5t	SUS304	
103	071-000-03	Shaft Sleeve	1	LH619/422/622/430-51/61	SUS403	
104	021R2019	Impeller (60Hz)	1	LH430-61	HiCrFC	
105	047-106-28	Impeller Thread Protect.Cover	1	No.5(26)	SUS304	
106	141-011-20	Hex.Nut	2	M24(H=14)	SUS304	
107	141-035-17	Hex.Cap Nut	1	M24	SUS304	
108	020B7411	Pump Casing (Lower)	1	LH422/430-51/61	FCD	
109	142-166-11	Spring Washer	4	M16	SUS304	
110	141-008-11	Hex.Nut	4	M16	SUS304	
111	142-165-10	Spring Washer	4	M12	SUS304	
112	144-573-11	Stud Bolt	4	M12x164(22/22)	SUS403	
113	120-175-15	Packing (S.Cover)		LH615/422/430-51/61	PE	*
114	022-000-09	Suction Cover (w/Mouth Ring)	1	LH615/422/430-51/61	FC	
115	142-164-19	Spring Washer	4	M10	SUS304	
116	140-075-16	Hex.Bolt	4	M10x25	SUS304	
117	023-001-29	Strainer Stand	1	LH422/430-51/61	SS	
118	142-165-10	Spring Washer	4	M12	SUS304	
119	141-007-10	Hex.Nut	4	M12	SUS304	
120	141-007-10	Hex.Nut	4	M12	SUS304	
121	142-165-10	Spring Washer	4	M12	SUS304	
122	142-129-12	Plain Washer	4	M12	SUS304	
123	043-102-19	Cathodic Protection Plate	4	AB-1HS(75x70x20t)	Al	
124	140-096-13	Hex.Bolt	4	M12x25	SUS304	
		NPT Flange Version				
	048-139-10	Screwed Flange	1	NPT-4(JIS10K)	FC	
	121-106-34	Packing	1	JIS10Kx100mm	NR	
	140-130-10	Hex.Bolt	8	M16x70	SUS304	
	141-008-11	Hex.Nut	8	M16	SUS304	
	142-166-11	Spring Washer	8	M16	SUS304	
		Packing O-Ring Set				

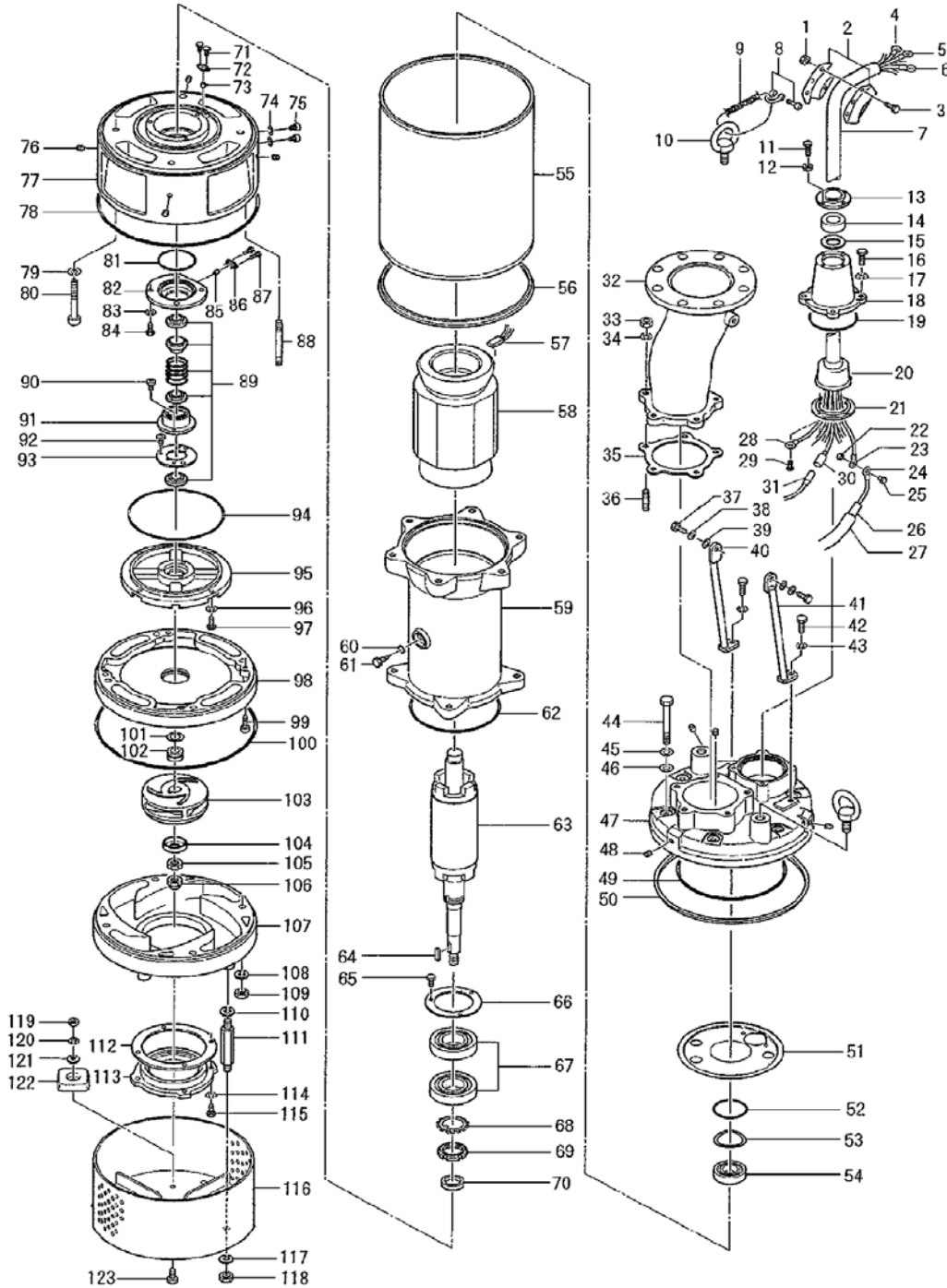
* Indicates items included in set

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	173-000-21	Packing O-Ring Set	1Set	(Marked by *)		
19	122-135-19	O-Ring (S.Box)	1	G-120(119.4xd3.1)	NBR	*
37	121-374-19	Packing (Discharge Pipe)	1	d140xd172x1t	THREE SHEET	*
47	142-353-17	Seal Washer (Motor Bracket bolt)	6	SM-16	SUS+NBR	*
50	122-157-17	O-Ring (M.Bracket/M.Frame)	1	G-260(259.3xd5.7)	NBR	*
51	121-593-16	Packing (M.Bracket/Out.Cover)	1	LH619/422/430(L)	NBR	*
53	122-127-18	O-Ring (Upp. Bearing)	1	G-80(79.4xd3.1)	NBR	*
57	121-593-16	Packing (Out.Cover/Brq.Housing)	1	LH619/422/430(L)	NBR	*
61	122-259-10	O-Ring (Stator Set Bolt)	1	12xd3	NBR	*
63	122-153-13	O-Ring (M.Frame/Brq.Housing)	1	G-220(219.3xd5.7)	NBR	*
75	121-247-12	Packing (Oil Plug)	2	d12.3xd18x2t	PE	*
79	122-258-19	O-Ring (M.Frame/Brq.Housing)	1	395xd5	NBR	*
82	122-129-10	O-Ring (Brq.Housing/Seal Housing)	1	G-90(89.4xd3.1)	NBR	*
95	122-250-11	O-Ring (Brq.Housing/O.Casing)	1	230xd3.8	NBR	*
101	122-258-19	O-Ring (Upp./Low. P.Casing)	1	395xd5	NBR	*
		Lubricant		Turbine Oil VG32 6,900ml		

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EXPLODED VIEW

LH430-51/61



C-00459-1