

PARTS LIST		SEWAGE & WASTEWATER PUMP			12/6/2013	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	009-127-14	Terminal	2	R-1.25-4	CU	
2	140-018-11	Hex.Bolt	3	M5x15	SUS304	
3	142-422-18	Seal Washer	3	PM-5	SUS+NBR	
4	003-111-20	Gland	1		SUS304	
5	001-005-66	Cabtyre Cable Set (32')60Hz(USA)	1	2PNCT2Cx1.25mm2	BE/CE	
6	009-274-17	Compression type Terminal 60Hz(USA)	2	TMNB-2(Insulated)		
7	009-131-11	Terminal	7	R-5.5-6	CU	
8	140-055-10	Hex.Bolt	8	M8x25	SUS304	
9	142-163-18	Spring Washer	8	M8	SUS304	
10	070-107-18	Cable Clamp	2		FC	**included in ITEM 13 cable assembly **included in ITEM 17 cable assembly
11	140-035-14	Hex.Bolt	4	M6x20	SUS304	**included in ITEM 13 cable assembly **included in ITEM 17 cable assembly
12	006-126-14	Stuffing Box	2	No.2	FC	**included in ITEM 13 cable assembly **included in ITEM 17 cable assembly
13	001-938-25	Cabtyre Cable Set (32')60Hz(USA)	1	2PNCT4Cx5.5mm2	KR-2	
14	008-143-13	Mould Cover 60Hz(USA)	1	KR2-8	CR	**included in ITEM 13 cable assembly
15	143-085-21	Pan Screw (w/Spring Washer)	1	M4x6	SWRM	
16	009-130-10	Terminal	1	R-5.5-4	CU	
17	001-939-26	Cabtyre Cable Set (32')60Hz(USA)	1	2PNCT3Cx5.5mm2	KR-2	
18	008-136-13	Mould Cover 230V-60Hz(USA)	1	KR2-1	CR	**included in ITEM 17 cable assembly
19	009-276-19	Compression type Terminal 60Hz(USA)	6	TMNB-5.5(Insulated)		
20	072-107-14	Eye Bolt	2	M16	SS	
21	142-399-15	Washer		d17xd29x0.1t	SUS304	
	142-400-10	Washer		d17xd29x0.3t	SUS304	
22	140-098-15	Hex.Bolt	4	M12x35	SUS304	
23	142-165-10	Spring Washer	4	M12	SUS304	
24	050-000-24	Motor Bracket	1		FC	
25	122-173-19	O-Ring	1	V-225(222.5xd6)	NBR	*
26	142-199-13	Wave Washer	1	6208/6307	SK5	
27	052-000-26	Bearing (w/O-ring)	1	AC-6307ZZC3		
28	058-000-09	Lead Wire Protection Plate	1	d86xd224x1.6t	SPHC	
29	055-000-86	Rotor	1Set			
30	147-000-15	Impeller Key	1	16x10x50	SUS420	
31	053-310-13	Motor Protector	3	9700K-76-215	(H)	
32	056-B96-10	Stator 230V-60Hz(USA)	1Set			
	056-B97-11	Stator 460V-60Hz(USA)	1Set			
	056-C00-18	Stator 575V-60Hz(USA)	1Set			
33	140-100-11	Hex.Bolt	4	M12x45	SUS304	
34	142-165-10	Spring Washer	4	M12	SUS304	
35	064-000-42	Motor Frame	1		FC	
36	122-173-19	O-Ring	1	V-225(222.5xd6)	NBR	*
37	140-000-06	Hex.Bolt (w/Spring Washer/Plain Washer)	3	M6x12	SWCH	
38	052-142-19	Bearing	1Set	6311ZZD2C3		
39	146-031-18	Retaining Ring	1	C55	SK5	
40	140-099-16	Hex.Bolt	6	M12x40	SUS304	
41	142-165-10	Spring Washer	6	M12	SUS304	

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42	060-000-56	Bearing Housing	1		FC	
43	121-247-12	Packing	2	d12.3xd18x2t	PE	*
44	035-113-18	Oil Plug	2	M12x14	SUS304	
45	025-268-18	Mechanical Seal	1	H-50T	SiC	
46	143-028-13	Pan Screw	3	M5x10	SWRM	
47	030-133-19	Oil Lifter	1	H-50(T)	SPCC	
48	140-099-16	Hex.Bolt	6	M12x40	SUS304	
49	142-165-10	Spring Washer	6	M12	SUS304	
50	122-160-13	O-Ring	1	G-290(289.3xd5.7)	NBR	*
51	029-000-28	Oil Casing	1	100SC415-53/63	FC	
52	026-000-11	Oil Seal	1	TC-8511013	NBR	
53	021-004-51	Impeller (60Hz)	1	150B415-63	FC	
54	145-035-19	Taper Pin	1	5x10	SUS304	
55	142-430-19	Impeller Fixing Washer	1	d18xd60x11t	SUS304	
56	217-020-17	Fixing Plate	1	d60x3t M16(B=24)	SUS304	
57	140-232-13	Hex.Socket Cap Bolt	2	M5x10	SUS304	
58	140-126-13	Hex.Bolt	1	M16x50	SUS304	
59	046-107-13	Air Release Valve	1	PT-1/2	Nylon	
60	122-270-17	O-Ring	1	350xd5.7	NBR	*
61	020-001-15	Pump Casing	1	150SC411/15-51/61	FC	
62	120-106-15	Packing (S.Cover)		d360xd390x0.5t	PE	
63	022-000-75	Suction Cover	1	150B411-53/63	FC	
64	142-165-10	Spring Washer	3	M12	SUS304	
65	140-097-14	Hex.Bolt	3	M12x30	SUS304	
66	023-289-19	Pump Stand	3	200-11-4B2	FCD	
67	142-165-10	Spring Washer	3	M12	SUS304	
68	140-097-14	Hex.Bolt	3	M12x30	SUS304	
69	142-165-10	Spring Washer	3	M12	SUS304	
70	140-100-11	Hex.Bolt	3	M12x45	SUS304	
71	121-165-28	Packing	1	JIS5Kx150mm	NR	
72	037-119-10	Discharge Bend	1	150x150mm	FC	
73	142-166-11	Spring Washer	8	M16	SUS304	
74	140-127-14	Hex.Bolt	8	M16x55	SUS304	
	048-000-53	Screwed Flange	1	NPT-10(JIS10K)	FC	
	140-155-24	Hex.Bolt	8	M20x85	SWRM	
	141-009-12	Hex.Nut	8	M20	SUS304	
	142-168-26	Spring Washer	8	M20	SWRH	
	121-108-23	Packing	1	JIS10Kx150mm	NR	
		Guide rail rail fittings				
64	142-165-10	Spring Washer	6	M12	SUS304	
65	140-097-14	Hex.Bolt	6	M12x30	SUS304	*
	093-134-15	Guide Hook	1	TOS-150	FCD	*
	140-153-19	Hex.Bolt	3	M20x75	SUS304	*
	142-168-13	Spring Washer	3	M20	SUS304	*

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	091-156-17	Duck Foot Bend(JIS10K)	1	TOS-150	FC	*
	096-102-13	Guide Connector	2	51mm	FC	
	140-103-14	Hex.Bolt	2	M12x60	SUS304	
	142-165-10	Spring Washer	2	M12	SUS304	
	094-211-10	Guide Support	1	TOS-150C	SUS304	
	140-099-16	Hex.Bolt	3	M12x40	SUS304	
	141-007-10	Hex.Nut	3	M12	SUS304	
	142-129-12	Plain Washer	3	M12	SUS304	
		Packing O-Ring Set				
	173-001-17	Packing O-Ring Set	1Set	(Marked by *)		
25	122-173-19	O-Ring (M.Bracket/M.Frame)	1	V-225(222.5xd6)	NBR	*
36	122-173-19	O-Ring (M.Frame/Brq.Housing)	1	V-225(222.5xd6)	NBR	*
43	121-247-12	Packing (Oil Plug)	2	d12.3xd18x2t	PE	*
50	122-160-13	O-Ring (Brq.Housing/O.Casing)	1	G-290(289.3xd5.7)	NBR	*
60	122-270-17	O-Ring (O.Casing/P.Casing)	1	350xd5.7	NBR	*
		Lubricant		Turbine Oil VG32 4.800ml		
		Chain&Shackle (SS)				
	095-000-35	Chain	1	9mmx2(10L)	SS	
	011-000-16	Shackle	1	12mm	SS	
	095-176-28	Chain	1	9mmx5M	SS	
	011-000-16	Shackle	2	12mm	SS	

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EXPLODED VIEW

