

PARTS LIST		SEWER & WASTEWATER PUMPS			9/6/2013	
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	001-837-10	Cabtyre Cable Set (8m)220V-60Hz	1	2PNCT2Cx1.25mm2	BE/CE	
	001-837-10	Cabtyre Cable Set (8m)380/440/460V-60Hz	1	2PNCT2Cx1.25mm2	BE/CE	
	001-837-10	Cabtyre Cable Set (8m)380/400/415V-50Hz	1	2PNCT2Cx1.25mm2	BE/CE	
	001-005-66	Cabtyre Cable Set (10m)380/400/415V-50Hz(EUR)	1	2PNCT2Cx1.25mm2	BE/CE	
6	009-274-17	Compression type Terminal 220V-60Hz	2	TMNB-2(Insulated)		
	009-274-17	Compression type Terminal 380/440/460V-60Hz	2	TMNB-2(Insulated)		
	009-274-17	Compression type Terminal 380/400/415V-50Hz	2	TMNB-2(Insulated)		
	009-274-17	Compression type Terminal 380/400/415V-50Hz(EUR)	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	
11	140-035-14	Hex.Bolt	4	M6x20	SUS304	
12	006-126-14	Stuffing Box	2	No.2	FC	
13	001-937-11	Cabtyre Cable Set (8m)220V-60Hz	1	2PNCT3Cx3.5mm2	KR-2	
	001-937-11	Cabtyre Cable Set (8m)380/440/460V-60Hz	1	2PNCT3Cx3.5mm2	KR-2	
	001-937-11	Cabtyre Cable Set (8m)380/400/415V-50Hz	1	2PNCT3Cx3.5mm2	KR-2	
	001-005-14	Cabtyre Cable Set (10m)380/400/415V-50Hz(EUR)	1	H07RN4Gx2.5mm2(Gray)	KR-2(HAR)	
14	008-154-17	Mould Cover 220V-60Hz	1	KR2-10	CR	
	008-154-17	Mould Cover 380/440/460V-60Hz	1	KR2-10	CR	
	008-154-17	Mould Cover 380/400/415V-50Hz	1	KR2-10	CR	
	008-136-13	Mould Cover 380/400/415V-50Hz(EUR)	1	KR2-1	CR	
15	009-275-18	Compression type Terminal 220V-60Hz	6	TGNB-5.5(Insulated)	CU	
	009-275-18	Compression type Terminal 380/440/460V-60Hz	6	TGNB-5.5(Insulated)	CU	
	009-275-18	Compression type Terminal 380/400/415V-50Hz	6	TGNB-5.5(Insulated)	CU	
	009-275-18	Compression type Terminal 380/400/415V-50Hz(EUR)	6	TGNB-5.5(Insulated)	CU	
16	001-936-10	Cabtyre Cable Set (8m)220V-60Hz	1	2PNCT4Cx3.5mm2	KR-2	
	001-936-10	Cabtyre Cable Set (8m)380/440/460V-60Hz	1	2PNCT4Cx3.5mm2	KR-2	
	001-936-10	Cabtyre Cable Set (8m)380/400/415V-50Hz	1	2PNCT4Cx3.5mm2	KR-2	
	001-005-14	Cabtyre Cable Set (10m)380/400/415V-50Hz(EUR)	1	H07RN4Gx2.5mm2(Gray)	KR-2(HAR)	
17	008-142-12	Mould Cover 220V-60Hz	1	KR2-7	CR	
	008-142-12	Mould Cover 380/440/460V-60Hz	1	KR2-7	CR	
	008-142-12	Mould Cover 380/400/415V-50Hz	1	KR2-7	CR	
	008-136-13	Mould Cover 380/400/415V-50Hz(EUR)	1	KR2-1	CR	
18	143-085-21	Pan Screw (w/Spring Washer)	1	M4x6	SWRM	
19	009-122-19	Terminal	1	R-3.5-4	CU	
20	072-107-14	Eye Bolt	2	M16	SS	
	142-399-15	Washer		d17xd29x0.1t	SUS304	
	142-400-10	Washer		d17xd29x0.3t	SUS304	
21	140-098-15	Hex.Bolt	4	M12x35	SUS304	

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22	142-165-10	Spring Washer	4	M12	SUS304	
23	050-000-80	Motor Bracket	1		FC	
24	122-173-19	O-Ring	1	V-225(222.5xd6)	NBR	
25	142-000-08	Wave Washer	1	6306B(d71xd59x4.0t)	SK5	
26	052-000-25	Bearing (w/O-ring)	1	AC-6306ZZC3		
27	058-000-09	Lead Wire Protection Plate	1	d86xd224x1.6t	SPHC	
28	055-000-69	Rotor	1Set			
29	147-011-15	Impeller Key	1	12x8x40	SUS420	
30	053-310-13	Motor Protector	3	9700K-76-215	(H)	
31	056B9115	Stator 220V-60Hz	1Set			
	056B9216	Stator 380/440/460V-60Hz	1Set			
	056B9216	Stator 380/400/415V-50Hz	1Set			
	056B9216	Stator 380/400/415V-50Hz(EUR)	1Set			
32	064-000-12	Motor Frame	1		FC	
33	140-100-11	Hex.Bolt	4	M12x45	SUS304	
34	142-165-10	Spring Washer	4	M12	SUS304	
35	122-173-19	O-Ring	1	V-225(222.5xd6)	NBR	
36	140-032-37	Hex.Bolt	3	M6x15	SWRM	
37	062-224-17	Bearing Fixing Plate	1	d98xd140x4.5t	SS	
38	052-141-18	Bearing	1Set	6310ZZD2C3		
39	142-000-09	Bearing Washer	1	50x61x74x1.2t	SUS	
40	141-000-03	Bearing Nut	1	70x2.5x11	SUS304	
41	060-431-13	Bearing Housing	1		FC	
42	121-247-12	Packing	2	d12.3xd18x2t	PE	
43	035-113-18	Oil Plug	2	M12x14	SUS304	
44	140-099-16	Hex.Bolt	2	M12x40	SUS304	
45	142-165-10	Spring Washer	2	M12	SUS304	
46	140-104-15	Hex.Bolt	4	M12x65	SUS304	
47	142-165-10	Spring Washer	4	M12	SUS304	
48	025-000-38	Mechanical Seal	1	H-40	SiC	
49	143-070-23	Pan Screw	2	M5x6	SWRM	
50	030-141-10	Oil Lifter	1	H-40(T)	Resin	
51	143-070-10	Pan Screw	3	M5x6	SWRM	
52	030-149-18	Seal Stopper	1	H-40/45	SPCC	
53	122-159-19	O-Ring	1	G-280(279.3xd5.7)	NBR	
54	029-191-11	Oil Casing	1	110-CE2	FC	
55	122-159-19	O-Ring	1	G-280(279.3xd5.7)	NBR	
56	026-117-14	Oil Seal	1	TC-709212	NBR	
57	040-124-18	Impeller Shim		d25.2xd35x0.3t	SUS304	
58	021-839-14	Impeller (50Hz)	1	100C411-53	FC	
58	021-840-18	Impeller (60Hz)	1	100C411-63	FC	
59	144-530-16	Hex.Socket Set Screw	2	M6x15	SUS304	
60	142-202-10	Impeller Fixing Washer	1	d13xd50x15t	SUS304	
61	142-000-22	Spring Washer	1	M12(CP)	SUS304	

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62	140-304-17	Hex.Socket Cap Bolt	1	M12x45	SUS304	
63	046-107-13	Air Release Valve	1	PT-1/2	Nylon	
64	020-539-18	Pump Casing	1	110-USH/USL	FC	
65	120-102-11	Packing (S.Cover)		d301xd328x0.3t	PE	
66	022-330-26	Suction Cover	1	55/110-CE2	FCD	
67	142-165-10	Spring Washer	3	M12	SUS304	
68	140-097-14	Hex.Bolt	3	M12x30	SUS304	
69	023-288-18	Pump Stand	3	55/110-CE2	FC	
70	142-165-10	Spring Washer	3	M12	SUS304	
71	140-097-14	Hex.Bolt	3	M12x30	SUS304	
72	142-165-10	Spring Washer	3	M12	SUS304	
73	140-099-16	Hex.Bolt	3	M12x40	SUS304	
74	140-000-56	Hex.Bolt(For 100mm)	8	M16x75	SWRM	
74	140-130-36	Hex.Bolt(For 80mm)	8	M16x70	SWRM	
75	048-000-40	Screwed Flange(For 100mm)	1	JIS10Kx100mm(PT)	FC	
75	048-000-39	Screwed Flange(For 80mm)	1	JIS10Kx80mm(PT)	FC	
76	121-106-34	Packing(For 100mm)	1	JIS10Kx100mm	NR	
76	121-105-33	Packing(For 80mm)	1	JIS10Kx80mm	NR	
77	037-000-32	Discharge Bend(For 100mm)	1	100x100mm(S-4)	FC	
77	037-155-18	Discharge Bend(For 80mm)	1	100x80mm(S-4B)	FC	
78	142-166-37	Spring Washer	8	M16	SWRH	
79	141-008-11	Hex.Nut	8	M16	SUS304	
80	140-124-11	Hex.Bolt	4	M16x40	SUS304	
81	121-153-10	Packing	1	160mm2(P.C.165)	NBR	
		<Packing O-Ring Set>				
	173-001-22	Packing O-Ring Set	1Set	(Marked by *)		
24	122-173-19	O-Ring (M.Bracket/M.Frame)	1	V-225(222.5xd6)	NBR	
35	122-173-19	O-Ring (M.Frame/Brg.Housing)	1	V-225(222.5xd6)	NBR	
42	121-247-12	Packing (Oil Plug)	2	d12.3xd18x2t	PE	
53	122-159-19	O-Ring (Brg.Housing/O.Casing)	1	G-280(279.3xd5.7)	NBR	
55	122-159-19	O-Ring (O.Casing/P.Casing)	1	G-280(279.3xd5.7)	NBR	
81	121-153-10	Packing (Discharge Bend)	1	160mm2(P.C.165)	NBR	
		Lubricant		Turbine Oil VG32 6,400ml		
		Parts for guide rail fittings are shown in the fol		Turbine Oil VG32 6,400ml		
		TOS3-100x100(TOS3-7-2-1)				
		TOS3-100x80(TOS3-5-2-1)				
		<Chain&Shackle>(SS)				
	095-000-35	Chain	1	9mmx2(10L)	SS	
	011-000-16	Shackle	2	12mm	SS	
	095-176-28	Chain	1	9mmx5M	SS	
	011-000-16	Shackle	1	12mm	SS	
		<Impeller Puller>				
	183-013-19	Impeller Puller	1	BE No.13 2"	SGPSS	

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## EXPLODED VIEW

100C411-53/63

