

PARTS LIST		SEWER & WASTEWATER PUMPS			9/6/2013	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	001-938-25	Cabtyre Cable Set (10m)230V-60Hz(USA)	1	2PNCT4Cx5.5mm2	KR-2	
	001-938-25	Cabtyre Cable Set (10m)460V-60Hz(USA)	1	2PNCT4Cx5.5mm2	KR-2	
2	140-055-10	Hex.Bolt	4	M8x25	SUS304	
3	142-163-18	Spring Washer	4	M8	SUS304	
4	070-107-18	Cable Clamp	1		FC	
5	140-035-14	Hex.Bolt	2	M6x20	SUS304	
6	006-126-14	Stuffing Box	1	No.2	FC	
7	008-143-13	Mould Cover	1	KR2-8	CR	
8	143-013-15	Pan Screw	1	M4x6	SWRM	
9	142-160-31	Spring Washer	1	M4	SWRH	
10	009-130-10	Terminal	1	R-5.5-4	CU	
11	009-276-19	Compression type Terminal	3	TMNB-5.5(Insulated)		
12	072-102-48	Eye Bolt	2	M12	SS	
13	140-078-19	Hex.Bolt	4	M10x35	SUS304	
14	142-164-19	Spring Washer	4	M10	SUS304	
15	050-435-16	Motor Bracket	1		FC	
16	122-151-11	O-Ring	1	G-200(199.3xd5.7)	NBR	
17	142-197-11	Wave Washer	1	6305	SK5	
18	052-108-13	Bearing	1	6305ZZC3		
19	122-244-12	O-Ring	1	61.4xd3.1	NBR	
20	143-126-38	Pan Screw (w/Spring Washer/Plain Washer)	2	M4x12	SWRM	
21	053-000-05	Motor Protector 230V-60Hz(USA)	1	KA314-HLBL00	(B.C)	
	053-000-29	Motor Protector 460V-60Hz(USA)	1	KA314-HRBL201	(H.C)	
22	058-184-11	Lead Wire Protection Plate	1	d90xd224x1.6t	SPHC	
23	055-001-54	Rotor	1Set			
24	147-066-15	Impeller Key	1	10x8x22l	SUS420	
25	056-000-19	Stator 230V-60Hz(USA)	1Set			
	056-000-21	Stator 460V-60Hz(USA)	1Set			
26	140-079-10	Hex.Bolt	4	M10x40	SUS304	
27	142-164-19	Spring Washer	4	M10	SUS304	
28	064-000-11	Motor Frame	1		FC	
29	122-151-11	O-Ring	1	G-200(199.3xd5.7)	NBR	
30	140-000-06	Hex.Bolt (w/Spring Washer/Plain Washer)	3	M6x12	SWCH	
31	052-139-13	Bearing	1Set	6308ZZD2C3		
32	140-100-11	Hex.Bolt	4	M12x45	SUS304	
33	142-165-10	Spring Washer	4	M12	SUS304	
34	060-001-08	Bearing Housing	1		FC	
35	121-247-12	Packing	1	d12.3xd18x2t	PE	
36	035-113-18	Oil Plug	1	M12x14	SUS304	
37	025-195-13	Mechanical Seal	1	H-35	SIC	
38	143-070-23	Pan Screw	2	M5x6	SWRM	
39	030-156-18	Oil Lifter	1	H-35(A)(T)	Resin	
40	143-070-10	Pan Screw	3	M5x6	SWRM	
41	030-150-12	Seal Stopper	1	H-35(A)(T)	SPCC	

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42	122-281-11	O-Ring	1	190xd3.1	NBR	
43	046-107-13	Air Release Valve	1	PT-1/2	Nylon	
44	035-112-17	Oil Plug	1	M8x12	SUS304	
45	121-248-13	Packing	1	d8.2xd13.5x2t	PE	
46	020-002-07	Pump Casing	1	80C25.5/2.75/211-CR-51/61	FC	
47	026-114-11	Oil Seal	1	TC-557812	NBR	
48	040-113-14	Impeller Shim		d32.5xd48x0.3t	SUS304	
49	021-007-07	Impeller (60Hz)	1	80C27.5-CR-61	HiCrFC	
50	142-131-17	Plain Washer	1	M20	SUS304	
51	142-168-13	Spring Washer	1	M20	SUS304	
52	141-009-12	Hex.Nut	1	M20	SUS304	
53	120-121-16	Packing		d204xd264x0.3t	PE	
54	022-001-46	Suction Cover	1	80C25.5/27.5-CR-61	HiCrFC	
55	142-165-10	Spring Washer	3	M12	SUS304	
56	140-096-13	Hex.Bolt	3	M12x25	SUS304	
57	023-288-18	Pump Stand	3	55/110-CE2	FC	
58	142-165-10	Spring Washer	3	M12	SUS304	
59	140-096-13	Hex.Bolt	3	M12x25	SUS304	
60	142-165-10	Spring Washer	3	M12	SUS304	
61	140-099-16	Hex.Bolt	3	M12x40	SUS304	
62	140-130-36	Hex.Bolt	8	M16x70	SWRM	
63	048-000-54	Screwed Flange	1	NPT-3(JIS10K)	FC	
64	121-105-33	Packing	1	JIS10Kx80mm	NR	
65	037-169-15	Discharge Bend	1	80x80mm	FC	
66	142-166-37	Spring Washer	8	M16	SWRH	
67	141-008-11	Hex.Nut	8	M16	SUS304	
68	140-124-11	Hex.Bolt	4	M16x40	SUS304	
69	121-152-19	Packing	1	145mm2(P.C.145)	NBR	
		<Guide rail rail fittings>				
	093-109-11	Guide Hook	1	TOS-80	FCD	
	140-100-11	Hex.Bolt	2	M12x45	SUS304	
	142-165-10	Spring Washer	2	M12	SUS304	
	091-255-17	Duck Foot Bend	1	TOS-80H	FC	
	096-101-12	Guide Connector	2	34mm	SS	
	140-101-12	Hex.Bolt	2	M12x50	SUS304	
	142-165-10	Spring Washer	2	M12	SUS304	
	094-209-15	Guide Support	1	TOS-80C	SUS304	
	140-079-78	Hex.Bolt	2	M10x40	SUS304	
	141-006-19	Hex.Nut	2	M10	SUS304	
	142-128-11	Plain Washer	2	M10	SUS304	
	048-000-54	Screwed Flange	1	NPT-3(JIS10K)	FC	
	140-130-36	Hex.Bolt	8	M16x70	SWRM	
	141-008-11	Hex.Nut	8	M16	SUS304	
	142-166-37	Spring Washer	8	M16	SWRH	

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	121-105-33	Packing	1	JIS10Kx80mm	NR	
		Foundation Bolt Set				
	144-167-18	Foundation Bolt	4	M16x120	SS	
	141-008-37	Hex.Nut	4	M16	S35C	
	142-130-29	Plain Washer	4	M16	SPC	
		<Packing O-Ring Set>				
	173-000-59	Packing O-Ring Set	1Set	(Marked by *)		
16	122-151-11	O-Ring (M.Bracket/M.Frame)	1	G-200(199.3xd5.7)	NBR	
19	122-244-12	O-Ring (Upp. Bearing)	1	61.4xd3.1	NBR	
29	122-151-11	O-Ring (M.Frame/Brq.Housing)	1	G-200(199.3xd5.7)	NBR	
35	121-247-12	Packing (Oil Plug)	1	d12.3xd18x2t	PE	
42	122-281-11	O-Ring (Brq.Housing/P.Casing)	1	190xd3.1	NBR	
45	121-248-13	Packing (Oil Plug)	1	d8.2xd13.5x2t	PE	
69	121-152-19	Packing (Discharge Bend)	1	145mm2(P.C.145)	NBR	
		Lubricant		Turbine Oil VG32 2,240ml		
		<Chain&Shackle>(SS)				
	095-249-10	Chain	1	9mm(13L)	SS	
	011-102-10	Shackle	2	9mm	SS	
	095-176-28	Chain	1	9mmx5M	SS	
	011-102-10	Shackle	1	9mm	SS	

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## EXPLODED VIEW

(TOS) 80C25.5-CR-51/61

(TOS) 80C27.5-CR-51/61

