

PARTS LIST		CONTRACTOR PUMP			3/4/2013	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	140-074-15	Hex.Bolt	2	M10x20	SUS304	
2	068-162-14	Handle	1	KTZ-15	SPC+NBR	
3	010-126-17	Cable Clip Rubber	1	HS2	NBR	
4	010-105-10	Cable Clip	1	SB	SPC	
5	140-018-37	Hex.Bolt	1	M5x15	SWRM	
6	141-003-58	Hex.Nut	1	M5	SWRM	
7	140-427-17	Hex.Bolt (w/Plain Washer)	2	M5x15	SUS304	
8	003-190-10	Gland	1		SUS316	
9		Cabtyre Cable Set				
9	001-803-33	Cabtyre Cable Set (15m)220V-60Hz(USA)	1	VCT4Cx1.25mm2	LBT	
	001-803-33	Cabtyre Cable Set (15m)440V-60Hz(USA)	1	VCT4Cx1.25mm2	LBT	
10	011-100-18	Shackle	1	S-8	SS	
11	140-056-11	Hex.Bolt	4	M8x30	SUS304	
12	142-163-18	Spring Washer	4	M8	SUS304	
13	070-111-15	L-Shape Fitting	1	KTV/Z-15/22	SPC	
14	140-000-01	Hex.Bolt	4	M10x30(B=14)	SUS304	
15	142-128-24	Plain Washer	4	M10	SPC	
16	032-160-11	Hose Coupling	1	GH-15L(NPT-3)	FC	
17	121-181-17	Packing	1	KT-15	NBR	
18	050-420-18	Motor Bracket	1		FC	
19	122-140-17	O-Ring	1	G-145(144.4xd3.1)	NBR	
20		Motor Protector	1			
20	053-358-26	Motor Protector 220V-60Hz(USA)	1	KA313-GCZL103	(T.C)	
	053-472-14	Motor Protector 440V-60Hz(USA)	1	KA313-GQTL102	(T.C)	
21	143-126-12	Pan Screw (w/Spring Washer/Plain Washer)	2	M4x12	SWRM	
22	009-211-16	Earth Terminal	1Set	1.25mm2x120L		
23	143-085-34	Pan Screw (w/Spring Washer)	1	M4x6	C3604	
24	142-389-12	Wave Washer	1	6204	SK5	
25	052-103-18	Bearing	1	6204ZZC3		
26	122-293-16	O-Ring	1	47xd3.1	NBR	
27	061-174-18	Slinger	1	d20xd27x2t	SPC	
28	058-176-10	Lead Wire Protection Plate	1	d58xd138x1.5t	Bakelite	
29	055-706-16	Rotor	1Set			
30	147-017-11	Impeller Key	1	5x5x20L	SUS420	
31	056-866-18	Stator 220V-60Hz(USA)	1Set			
	056-908-13	Stator 440V-60Hz(USA)	1Set			
32	145-027-18	Taper Pin	1	d5x40	S45C	
33	052-108-13	Bearing	1	6305ZZC3		
34	121-507-13	Packing (Water Way, Upp.)	1	KTZ21.5/32.2	NBR	
35	064-000-10	Motor Frame	1		FC	
36	140-056-11	Hex.Bolt	4	M8x30	SUS304	
37	142-163-18	Spring Washer	4	M8	SUS304	
38	121-246-11	Packing	1	d10.3xd16x2t	PE	
39	035-125-13	Oil Plug	1	M10x20(B=13)	SUS304	

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40	025-243-17	Mechanical Seal	1	H-20T	SIC	
41	143-070-23	Pan Screw	2	M5x6	SWRM	
42	030-144-13	Oil Lifter	1	H-20(A)(T)	Resin	
43	143-070-10	Pan Screw	4	M5x6	SWRM	
44	030-154-16	Seal Stopper	1	H-20T	SPCC	
45	122-139-13	O-Ring	1	G-140(139.4xd3.1)	NBR	
46	121-501-17	Packing (Water Way, Low.)	1	KTZ21.5/22.2	NBR	
47	020-001-01	Pump Casing	1	KTZ21.5/32.2	FC	
48	026-105-19	Oil Seal	1	TC-25388	NBR	
49	071-314-13	Shaft Sleeve	1	d20xd25x16l	SUS304	
50	040-104-25	Impeller Shim		d18.2xd29x0.3t	SUS304	
51	021-552-23	Impeller (60Hz)	1	KTZ32.2-60	HiCrFC	
52	047-113-28	Impeller Thread Protect.Cover	1	No.3A(13.5)	SUS304	
53	142-165-10	Spring Washer	1	M12	SUS304	
54	141-032-14	Hex.Cap Nut	1	M12	SUS304	
55	120-110-12	Packing (S.Cover)		d150xd186x0.3t	PE	
56	022-000-53	Suction Cover	1	KTZ31.5/32.2	FCD	
57	142-127-23	Plain Washer	3	M8	SPC	
58	144-000-56	Stud Bolt	3	M8x85(23/12)	SUS410	interchangeable with OLD part# 144-492-15
59	023-472-11	Strainer Stand	1	KTZ21.5/32.2	SPCC	
60	142-127-23	Plain Washer	3	M8	SPC	
61	141-005-89	Hex.Nut	3	M8	SWRM	
		<Packing O-Ring Set>				
	173-513-13	Packing O-Ring Set	1Set	(Marked by *)		
17	121-181-17	Packing (Hose Coupling)	1	KT-15	NBR	
19	122-140-17	O-Ring (M.Bracket/M.Frame)	1	G-145(144.4xd3.1)	NBR	
26	122-293-16	O-Ring (Upp. Bearing)	1	47xd3.1	NBR	
34	121-507-13	Packing (Water Way, Upp.)	1	KTZ21.5/32.2	NBR	
38	121-246-11	Packing (Oil Plug)	1	d10.3xd16x2t	PE	
45	122-139-13	O-Ring (M.Frame/P.Casing)	1	G-140(139.4xd3.1)	NBR	
46	121-501-17	Packing (Water Way, Low.)	1	KTZ21.5/22.2	NBR	
		Lubricant		Turbine Oil VG32 740ml		
		<Impeller Puller>				
	183-008-11	Impeller Puller		A No.3 1"	FC	

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## EXPLODED VIEW

KTZ32.2-50/60

