

PARTS LIST		TITANIUM WASTEWATER PUMP			8/29/2019	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	106-484-16	Float Set	1Set	AOT2-2(350L/400L)		
2	143-000-37	Hex.Tapping Screw	2	M5x20	Titanium	
3	001-912-36	Cabtyre Cable Set (10m) USA	1	VCT4Cx1.25mm2	TMT	
4	143-000-37	Hex.Tapping Screw	2	M5x20	Titanium	
5	003-100-26	Gland	1	LB/TM	Titanium	
6	109-129-19	Float Support Bush	1	d14	Rubber	
7	143-143-28	Truss Tapping Screw	1	M4x16(D=8)	Titanium	
8	109-131-27	Float Support Pipe	1	d14x250l	PVC	
9	109-000-20	Holder	1		Resin	
10	143-143-28	Truss Tapping Screw	1	M4x16(D=8)	Titanium	
11	143-000-32	Pan Tapping Screw	2	M4x14	Titanium	
12	143-000-42	Pan Tapping Screw	2	M5x30	Titanium	
13	142-000-66	Plain Washer	2	M5(d5.5xd12x0.8t)	Titanium	
14	068-278-14	Handle	1	15-PUT	Resin	
15	051-000-39	Motor Head Cover	1		Resin	
16	141-004-75	Hex.Nut	4	M6	Titanium	
17	142-000-67	Plain Washer	4	M6(d6.5xd13x1t)	Titanium	
18	143-103-13	Tapping Screw	3	M4x10	SWCH	
19	114-171-12	Relay Unit	1	MA3K-JA1-A		
20	143-138-17	Truss Tapping Screw	2	M4x12	SWCH	
21	053-510-15	Motor Protector 208/220V-60Hz	1	KA313-GBVL102J	(T)	
21	053-001-65	Motor Protector 440V-60Hz	1	KA313-GQVL104J	(T)	
22	121-569-13	Packing	1	15-PUT/PNT/PSHT	NBR	*
23	143-199-16	Pan Screw	4	M6x190	SWRM	
24	142-113-26	Plain Washer	4	M6(D=11.5)	SPC	
25	082-000-01	Head Cover Spacer	1		Resin	
26	121-570-17	Packing	1	d152xd161x2.1t	NBR	*
27	143-085-34	Pan Screw (w/Spring Washer)	1	M4x6	C3604	
28	009-187-12	Earth Terminal	1Set	1.25mm2x150L		
29	050-464-14	Motor Bracket	1		ADC	
30	056-004-98	Stator(w/M.Frame) 208/220V-60Hz	1Set			
30	056-005-01	Stator(w/M.Frame) 440V-60Hz	1Set			
31	142-435-14	Wave Washer	1	BBY060311A0	SUP	
32	052-102-17	Bearing (1st)	1	6203ZC3		
33	055-001-68	Rotor	1Set	w/Bearing		
34	061-161-12	Bearing Collar	1	d25.1xd36x1.6t	SPC	
35	052-108-13	Bearing	1	6305ZC3		
36	060-000-91	Bearing Housing	1		ADC	
37	025-000-91	Mechanical Seal	1	H-20 (RoHS2)	SiC + SiC	replaces OLD item# 025-192-10

* Indicates items included in set

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38	143-070-23	Pan Screw	2	M5x6	SWRM	
39	030-144-13	Oil Lifter	1	H-20(A)(T)	Resin	
40	143-193-10	Pan Tapping Screw	2	M5x12	SWRM	
41	030-153-15	Seal Stopper	1	H-20(A)	SPCC	
42	121-567-11	Packing	1	15-PU/P(N)(A)(W)T/PSHT	NBR	*
43	035-128-16	Oil Plug	1	M10x15	Titanium	
44	121-246-11	Packing	1	d10.3xd16x2t	PE	*
45	029-380-19	Oil Casing	1	15-PUT	Resin	
46	109-129-19	Float Support Bush	1	d14	Rubber	
47	140-000-12	Hex.Bolt (w/Plain Washer)	4	M8x45	Titanium	
48	143-143-28	Truss Tapping Screw	1	M4x16(D=8)	Titanium	
49	143-000-41	Truss Screw (w/Polyethylene Washer)	6	M6x30	Titanium	
50	142-000-65	Impeller Washer	1	d16.3xd31.5x1.5t	Titanium	
51	021-008-08	Impeller (60Hz)	1	50TMA21.5-61	Resin	
52	143-000-40	Truss Screw (w/Plain Washer)	1	M8x18	Titanium	
53	122-276-13	O-Ring	1	160xd3.1	NBR	*
54	140-000-12	Hex.Bolt (w/Plain Washer)	4	M8x45	Titanium	
55	048-000-75	Screwed Flange	1	NPT-3(1.5kW)	Resin	
56	121-568-12	Packing	1	d84xd98x5t	NBR	*
57	020-002-23	Pump Casing	1	50TM21.5-51/61	Resin	
58	141-121-24	Hex.Nut	2	M8(B=12)	Titanium	
59	165-000-07	Rubber Feet	5	PU/PN/PSF21.5-52/62	NBR	
60	023-000-95	Strainer	1	50PN21.5-52/62	Resin	
61	143-000-11	Truss Tapping Screw	4	M4x18	Titanium	
	173-563-18	Packing O-Ring Set	1Set	(Marked by *)		
22	121-569-13	Packing (Head Cover/Head Cover Spacer)	1	15-PUT/PNT/PSHT	NBR	*
26	121-570-17	Packing (Head Cover Spacer/M.Frame)	1	d152xd161x2.1t	NBR	*
42	121-567-11	Packing (M.Frame/O.Casing)	1	15-PU/P(N)(A)(W)T/PSHT	NBR	*
44	121-246-11	Packing (Oil Plug)	1	d10.3xd16x2t	PE	*
53	122-276-13	O-Ring (O.Casing/P.Casing)	1	160xd3.1	NBR	*
56	121-568-12	Packing (Screwed Flange)	1	d84xd98x5t	NBR	*
		Lubricant		Lequid Paraffin VG32 500ml		

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EXPLODED VIEW 80TMA21.5-51/61

