

PARTS LIST		DEWATERING PUMP				6/1/2021
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	140-101-12	Hex.Bolt	6	M12x50	SUS304	
2	142-165-10	Spring Washer	6	M12	SUS304	
3	070-117-11	L-Shape Fitting	1	40x25x4.5t d13Hole	SPC	
4	068-000-32	Handle	1		SGPSS	
5	001-875-36	Cabtyre Cable Set (50') 60Hz(USA)	1	2PNCTF4Cx5.5mm2	GHZ	
6	010-122-10	Cable Clip Rubber	1	No.2	NBR	
7	010-120-18	Cable Clip	1	No.2-1	SPC	
8	141-004-59	Hex.Nut	1	M6	SWRM	
9	140-032-37	Hex.Bolt	1	M6x15	SWRM	
10	095-000-99	Chain	1	4mm(3L)L=29.4	SS	When ordering chain for cable clip, please order shackle as well.
11	011-000-44	Shackle	1	#5(for Clip)	SS	
12	140-076-17	Hex.Bolt	2	M10x30	SUS304	included in ITEM# 5 Cable Assembly
13	003-183-23	Gland 380/440/460V-60Hz	1	GHZ-311W	FC	included in ITEM# 5 Cable Assembly
14	002-104-14	Cable Protection Tube 380/440/460V-60Hz	1	No.4	NBR	included in ITEM# 5 Cable Assembly
15	005-122-17	Bush Washer 380/440/460V-60Hz	1	d23xd53.5x3.2t	SPC	included in ITEM# 5 Cable Assembly
16	004-135-10	Cable Bush 380/440/460V-60Hz	1	d21xd54x25l	SBR	included in ITEM# 5 Cable Assembly
17	005-122-17	Bush Washer 380/440/460V-60Hz	1	d23xd53.5x3.2t	SPC	included in ITEM# 5 Cable Assembly
18	006-160-10	Stuffing Box 380/440/460V-60Hz	1	GHZ-311W	FC	included in ITEM# 5 Cable Assembly
19	140-055-10	Hex.Bolt	4	M8x25	SUS304	
20	009-129-16	Terminal 380/440/460V-60Hz	4	E (Small)	CU	included in ITEM# 5 Cable Assembly
21	009-101-12	Terminal(C/W Screw)	4	d12x(d6.6xd6.6)x25l	C3604	
22	009-129-16	Terminal	4	E (Small)	CU	
23	002-135-14	Heat Shrink Tube (Sold per meter)	m	A(d15x0.3t)	(V/m)	
24	002-132-11	Heat Shrink Tube (Sold per meter)	m	A4(d17x0.27t)	(V/m)	
25	122-128-19	O-Ring	1	G-85(84.4xd3.1)	NBR	*
26	032-000-98	Hose Coupling	1	KTZ411(Angle,100mm)	FC	
26	032-001-00	Hose Coupling 4" NPT	1	KTZ411(Angle,4" NPT)	FC	
27	140-099-16	Hex.Bolt	4	M12x40	SUS304	
28	142-129-25	Plain Washer	4	M12	SPC	
29	121-001-49	Packing	1	KTZ-11(Angle,4hole)	NBR	*
30	050-001-13	Motor Bracket	1		FC	
31	122-173-19	O-Ring	1	V-225(222.5xd6)	NBR	*
32	053-002-31	Motor Protector 220V-60Hz	1	KA315-JXGL00	(B.C)	
32	053-002-22	Motor Protector 380/440/460V-60Hz	1	KA315-JKHL00	(B.C)	
33	143-125-24	Pan Screw (w/Spring Washer/Plain Washer)	2	M4x14	SWRM	
34	009-296-15	Earth Terminal	1Set	8mm2x180L		
35	143-164-25	Pan Screw (w/Spring Washer)	1	M6x8	C3604	
36	142-198-12	Wave Washer	1	6306	SK5	

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37	052-109-14	Bearing	1	6306ZZC3		
38	122-245-13	O-Ring	1	71.4xd3.1	NBR	*
39	058-000-36	Lead Wire Protection Plate	1	d96xd224.5x1.6t	PE	
40	055-003-45	Rotor	1Set			
41	147-139-10	Impeller Key	1	7x7x28L	SUS420	
42	056-009-61	Stator 220V-60Hz	1Set			
42	056-009-62	Stator 380/440/460V-60Hz	1Set			
43	121-504-10	Packing (Water Way, Upp.)	1	KTZ411/611	NBR	*
44	064-001-44	Motor Frame	1		FC	
45	140-080-14	Hex.Bolt	4	M10x45	SUS304	
46	142-164-19	Spring Washer	4	M10	SUS304	
47	140-032-37	Hex.Bolt	4	M6x15	SWRM	
48	062-000-34	Bearing Fixing Plate	1		SPCC	
49	052-140-17	Bearing	1Set	6309ZZD2C3		
50	142-242-12	Bearing Washer	1	AW09	SPCC	
51	141-074-18	Bearing Nut	1	AN09	SS	
52	122-285-15	O-Ring	1	155xd3.1	NBR	*
53	060-001-93	Bearing Housing	1		FC	
54	140-269-19	Hex.Socket Cap Bolt	4	M8x25	SUS304	
55	143-070-23	Pan Screw	2	M5x6	SWRM	
56	030-142-11	Oil Lifter	1	H-30(A)(T)	Resin	
57	143-070-10	Pan Screw	6	M5x6	SWRM	
58	030-147-16	Seal Stopper	1	HT-3035	SPCC	
59	025-000-73	Mechanical Seal	1	H-30T(T)	SiC	
60	122-285-15	O-Ring	1	155xd3.1	NBR	*
61	121-503-19	Packing (Water Way, Low.)	1	KTZ411/611	NBR	*
62	029-333-17	Oil Casing	1	KTZ47.5/611	FC	
63	142-163-18	Spring Washer	4	M8	SUS304	
64	140-055-10	Hex.Bolt	4	M8x25	SUS304	
65	121-247-12	Packing	1	d12.3xd18x2t	PE	
66	035-113-18	Oil Plug	1	M12x14	SUS304	
67	071-198-19	Shaft Sleeve	1	d25xd35x17l	SUS403	
68	020-001-06	Pump Casing	1	KTZ411/611	FC	
69	142-164-19	Spring Washer	2	M10	SUS304	
70	140-449-15	Hex.Bolt	2	M10x140	SUS304	
71	122-360-15	O-Ring	1	46.5xd2.5	NBR	*
72	026-238-12	Labyrinth Ring	1	GHV/GHZ-7.5/11KW	SUS304	

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73	040-107-28	Impeller Shim		d25.2xd38x0.3t	SUS304	
74	021-009-89	Impeller (50Hz)	1	KTZ415-51	HiCrFC	
74	021-009-90	Impeller (60Hz)	1	KTZ415-61	HicrFc	
75	047-105-14	Impeller Thread Protect.Cover	1	No.4(22)	SPC	
76	141-009-38	Hex.Nut	1	M20(H=12)	SUS304	
77	141-034-16	Hex.Cap Nut	1	M20	SUS304	
78	120-111-13	Packing (S.Cover)		d221xd268x0.3t	PE	
79	022-001-93	Suction Cover	1	KTZ415-51/61	FCD	
80	142-128-24	Plain Washer	3	M10	SPC	
81	140-075-16	Hex.Bolt	3	M10x25	SUS304	
82	142-128-24	Plain Washer	3	M10	SPC	
83	144-000-57	Stud Bolt	3	M10x124(26/14)	SUS410	
84	023-489-11	Strainer	1	KTZ47.5/411(d12)	SPCC	
85	049-133-20	Bottom Plate	1	KRS-C3/A3	SPC	
86	142-128-24	Plain Washer	3	M10	SPC	
87	141-006-19	Hex.Nut	3	M10	SUS304	
	173-000-86	Packing O-Ring Set	1Set	(Marked by *)		
25	122-128-19	O-Ring (S.Box)	1	G-85(84.4xd3.1)	NBR	*
29	121-001-49	Packing (Hose Coupling)	1	KTZ-11(Angle,4hole)	NBR	*
31	122-173-19	O-Ring (M.Bracket/M.Frame)	1	V-225(222.5xd6)	NBR	*
38	122-245-13	O-Ring (Upp. Bearing)	1	71.4xd3.1	NBR	*
43	121-504-10	Packing (Water Way, Upp.)	1	KTZ411/611	NBR	*
52	122-285-15	O-Ring (M.Frame/Brg.Housing)	1	155xd3.1	NBR	*
60	122-285-15	O-Ring (Brg.Housing/O.Casing)	1	155xd3.1	NBR	*
61	121-503-19	Packing (Water Way, Low.)	1	KTZ411/611	NBR	*
65	121-247-12	Packing (Oil Plug)	1	d12.3xd18x2t	PE	*
71	122-360-15	O-Ring (Labyrinth Ring)	1	46.5xd2.5	NBR	*
		Lubricant		Turbine Oil VG32 820ml		

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EXPLODED VIEW

KTZ415-51/61

