

PARTS LIST		DEWATERING PUMP			9/23/2021	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
No	PARTS NO.	DESCRIPTION	QTY	SPECIFICATION	MATERIALS	
1	140-102-13	Hex.Bolt	6	M12x55	SUS304	
2	142-165-10	Spring Washer	6	M12	SUS304	
3	070-000-65	L-Shape Fitting	1	KRS815-51/61	SS	
4	068-000-83	Handle	1	JT1-2-22-KTZ	SGPSS	
5	141-004-17	Hex.Nut	3	M6	SUS304	
6	010-101-16	Cable Clip	2	No.3	SPC	
7	140-035-14	Hex.Bolt	3	M6x20	SUS304	
8	009-107-18	Terminal	4	R-14-6	CU	
9	009-116-10	Terminal	2	R-2-4	CU	
10	001-011-19	Cabtyre Cable Set (50') 60Hz(USA)	1	2PNCTF6Cx14mm2	KR-3	
11	140-035-14	Hex.Bolt	2	M6x20	SUS304	
12	070-107-18	Cable Clamp	1		FC	
13	006-127-15	Stuffing Box	1	No.3	FC	
14	008-145-15	Mould Cover	1	KR3-7	CR	
15	140-055-10	Hex.Bolt	4	M8x25	SUS304	
16	095-000-99	Chain	1	4mm(3L)L=29.4	SS	
17	011-000-44	Shackle	2	#5(for Clip)	SS	
18	002-000-18	Heat Shrink Tube (Sold per meter)	m	W3F2(3/4IN)	(Vm)	
	200-000-26	Electrical tape(30M)	1	540S(0.18T-50W)		
19	141-004-59	Hex.Nut	4	M6	SWRM	
20	009-131-11	Terminal	6	R-5.5-6	CU	
21	009-107-18	Terminal 460V-60Hz(USA)	3	R-14-6	CU	
21	009-107-18	Terminal 575V-60Hz(USA)	3	R-14-6	CU	
22	140-029-28	Hex.Bolt	4	M6x10	SWRM	
23	002-164-12	Heat Shrink Tube (Sold per meter)	m	A4(d13.2X0.3t)	(Vm)	
24	009-114-18	Connector	2	PC-4020M		
25	009-115-19	Connector	2	PC-4020F		
26	009-107-18	Terminal 460V-60Hz(USA)	1	R-14-6	CU	
26	009-107-18	Terminal 575V-60Hz(USA)	1	R-14-6	CU	
27	009-107-18	Terminal	2	R-14-6	CU	
28	--	Intermediate Lead Wire		KIV LF, 14mm2, Y/G		
29	143-000-76	Pan Screw (w/Spring Washer/Plain Wash	1	M6x10	SWRM	
30	140-099-16	Hex.Bolt	4	M12x40	SUS304	
31	142-129-25	Plain Washer	4	M12	SPC	
32	032-001-00	Hose Coupling (for USA)	1	KTZ411(Angle,NPT-4)	FC	
33	121-001-49	Packing	1	KTZ-11(Angle,4hole)	NBR	*
34	050-001-54	Motor Bracket	1		FC200	

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35	140-107-18	Hex.Bolt	2	M12x80	SUS304	
36	142-165-10	Spring Washer	2	M12	SUS304	
37	122-158-18	O-Ring	1	G-270(269.3xd5.7)	NBR	*
38	121-002-22	Packing	1	d253xd270x3t	NBR	
39	181-000-07	Cable Tie	2	T50R-HR,202Lx4.6Bx50D	Nylon	
40	058-000-56	Lead Wire Protection Plate	1	JT1-2-22-KTZ	SPHC	
41	016-000-27	Protection Bush	2	TM-NG-79-R	Synthetic Rubber	
42	142-199-26	Wave Washer	1	BWW-6307,D=80,T=0.45	SK5	
43	052-110-21	Bearing	1	6307ZZC3		
43	052-110-18	Bearing	1	6307ZZC3		
44	122-127-18	O-Ring	1	G-80(79.4xd3.1)	NBR	*
45	055-004-05	Rotor	1Set			
46	147-000-86	Impeller Key	1	7x8x45L	SUS420J2	
47	056-011-65	Stator 460V-60Hz(USA)	1Set			
47	056-011-72	Stator 575V-60Hz(USA)	1Set			
48	121-002-23	Packing	1	KTZ422/622	NBR	*
49	064-001-79	Motor Frame	1		FC200	
50	140-100-11	Hex.Bolt	6	M12x45	SUS304	
51	142-165-10	Spring Washer	6	M12	SUS304	
52	121-463-16	Packing (Felt)	2	4x4.4x217I	Felt	
53	140-055-49	Hex.Bolt	4	M8x25	SWRM	
54	142-163-34	Spring Washer	4	M8	SWRH	
55	062-000-40	Bearing Fixing Plate	1	JT1-2-22-KTZ	FC200	
56	052-120-11	Bearing	1	7311ADBC3		
57	142-244-14	Bearing Washer	1	AW11	SPCC	
58	141-076-10	Bearing Nut	1	AN11	SS	
59	026-272-18	Oil Seal	1	SC-50689	NBR	
60	122-152-12	O-Ring	1	G-210(209.3xd5.7)	NBR	*
61	060-002-38	Bearing Housing	1		FC200	
62	140-285-11	Hex.Socket Cap Bolt	4	M10x25	SUS304	
63	025-257-14	Mechanical Seal	1	H-35T	SIC	
64	030-156-18	Oil Lifter	1	H-35(A)(T)	Resin	
65	143-070-23	Pan Screw	2	M5x6	SWRM	
66	143-070-10	Pan Screw	3	M5x6	SWRM	
67	030-150-12	Seal Stopper	1	H-35(A)(T)	SPCC	
68	122-151-11	O-Ring	1	G-200(199.3xd5.7)	NBR	*
69	029-001-37	Oil Casing	1	KTZ422/622	FC200	
70	121-247-12	Packing	1	d12.3xd18x2t	PE	*

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71	035-113-18	Oil Plug	1	M12x14	SUS304	
72	142-164-19	Spring Washer	4	M10	SUS304	
73	140-076-17	Hex.Bolt	4	M10x30	SUS304	
74	121-002-25	Packing	1	KTZ422/622	NBR	*
75	020-004-18	Pump Casing	1	KTZ422/622	FC200	
76	071-217-15	Shaft Sleeve	1	d30xd40x17t	SUS403	
77	026-255-15	Labyrinth Ring	1	d41xd62x12t	SUS304	
78	040-125-19	Impeller Shim		d31xd45.2x0.5t	SUS304	
79	021-012-27	Impeller (60Hz)	1	KTZ422-61	HiCrFC	
	021-012-26	Impeller (50Hz) OPTION	1	KTZ422-51	HiCrFC	50Hz OPTION
80	047-106-28	Impeller Thread Protect.Cover	1	No.5(26)	SUS304	
81	141-011-20	Hex.Nut	1	M24(H=14)	SUS304	
82	141-035-17	Hex.Cap Nut	1	M24	SUS304	
83	120-000-40	Packing (S.Cover)		344x260xPC320(6-14)	PE	
84	022-002-28	Suction Cover	1	KTZ422	FCD	
85	142-129-25	Plain Washer	3	M12	SPC	
86	140-098-15	Hex.Bolt	3	M12x35	SUS304	
87	142-129-25	Plain Washer	3	M12	SPC	
88	144-001-20	Stud Bolt	3	M12x210L(35/20)	SUS304	
89	023-002-25	Strainer	1	KTZ422d8.5	SS	
90	049-136-10	Bottom Plate	1	KRS-D6	SPC	
91	142-129-25	Plain Washer	3	M12	SPC	
92	141-007-10	Hex.Nut	3	M12	SUS304	
	173-004-04	Packing O-Ring Set	1Set	(Marked by *)		
33	121-001-49	Packing (Hose Coupling)	1	KTZ-11(Angle,4hole)	NBR	*
37	122-158-18	O-Ring (M.Bracket/M.Frame)	1	G-270(269.3xd5.7)	NBR	*
44	122-127-18	O-Ring (Upp. Bearing)	1	G-80(79.4xd3.1)	NBR	*
48	121-002-23	Packing (Water Way, Upp.)	1	KTZ422/622	NBR	*
60	122-152-12	O-Ring (M.Frame/P.Casing)	1	G-210(209.3xd5.7)	NBR	*
68	122-151-11	O-Ring (Brg.Housing/O.Casing)	1	G-200(199.3xd5.7)	NBR	*
70	121-247-12	Packing (Oil Plug)	1	d12.3xd18x2t	PE	*
74	121-002-25	Packing (Water Way, Low.)	1	KTZ422/622	NBR	*
		Lubricant		Turbine Oil VG32 2,000ml		

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EXPLODED VIEW

KTZ422-61

