

PARTS LIST		HIGH VOLUME DEWATERING PUMP			5/13/2022	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	141-005-18	Hex.Nut	8	M8	SUS304	
2	010-164-17	Cable Clip	2Set	100×110×3.2T	SS400	
3	010-129-10	Cable Clip Rubber	4	115×100×2T	NBR	
4	140-055-10	Hex.Bolt	8	M8×25L	SUS304	
5	011-000-44	Shackle	2	5mm	SS	
6	095-100-18	Chain	2	d5(9-Link)	SS400	
7	072-107-27	Eye Bolt	2	M16	SUS304	
8	009-134-14	Terminal	6	R-60-10	CU	
9	009-117-11	Terminal	1	R-22-6	CU	
10	009-116-10	Terminal	3	R-2-4	CU	
11	140-078-51	Hex.Bolt	8	M10×35L(Fully threaded bolt)	SUS304	
12	141-006-19	Hex.Nut	8	M10	SUS304	
13	003-000-40	Gland	2	NO.8	FC200	
14	004-000-43	Cable Bush	2	φ46.5xφ85x60L	NBR	
15	006-000-50	Stuffing Box	2	NO.8	FC200	
16	122-264-18	O-Ring	2	φ140×φ3.5	NBR	*
17	140-076-17	Hex.Bolt	8	M10×30L	SUS304	
18	142-164-19	Spring Washer	8	M10	SUS304	
	001-009-73	Cabtyre Cable Set 440/460V-60Hz(USA)	1	2PNCTF7C×60SQ×15m		
	001-009-74	Cabtyre Cable Set 440/460V-60Hz(USA)	1	3PNCT3C×60SQ×15m		
24	009-117-11	Terminal	1	R-22-6(For Cabtyre Cable)	CU	
25	000-000-09	Lead Wire	1	22SQ×400L	PVC	
26	143-000-58	Cross-recessed Pan Screw	1	M6×12L	SWRM3	
27	009-117-11	Terminal	2	R-22-6(For Lead Wire)	CU	
28	009-115-19	Connector	2	PC-4020F		
29	009-114-18	Connector	1	PC-4020M		
30	141-004-59	Hex.Nut	7	M6	SWRM3	
31	009-135-15	Terminal	6	R-60-6(For Cabtyre Cable)	CU	
32	009-117-11	Terminal	6	R-22-6(For Motor)	CU	
33	140-029-28	Hex.Bolt	7	M6×10L	SWRM3	
	200-000-16	Electrical tape	1	N tape(0.5x19x10M)	(V/m)	
	200-000-17	Electrical tape	1	S tape(0.2x19x10M)	(V/m)	
34	002-140-12	Heat Shrink Tube(Sold per meter)	m	110DG (φ22×70L) (For Power)	(V/m)	
35	200-000-23	Electrical Tape(30M)	1	540S(0.18T-30W×30M)	(V/m)	
	002-164-12	Heat Shrink Tube (Sold per meter)	m	A4(d13x0.3t)	(V/m)	
36	009-114-18	Connector	2	PC-4020M		
37	009-115-19	Connector	1	PC-4020F		
38	140-052-17	Hex.Bolt	2	M8×16L	SUS304	

* Indicates items included in set

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39	142-163-18	Spring Washer	2	M8	SUS304	
40	046-000-05	Air Release Valve	1	GSZ/NKZ/B	SPCC	
41	121-151-18	Packing	1	P.C.80×2T	CR	*
42	203-058-11	Ball	1	φ28	SS	
43	140-153-19	Hex.Bolt	8	M20×75L	SUS304	
44	142-168-13	Spring Washer	8	M20	SUS304	
45	142-001-15	Washer	8	φ39×φ20.5×5T (for M20)	SUS304	
46	121-482-11	Packing	8	φ34×φ19.5×4T	CR	*
47	035-113-18	Oil Plug	1	M12×14L Hex.Socket Cap Bolt	SUS304	
48	121-247-12	Packing	1	12.3×18×2T	PE	*
49	050-001-32	Motor Bracket	1	DD1-4-150-GSZ	FC250	
50	122-000-65	O-Ring	1	V640	NBR	*
51	146-043-13	Retaining Ring Type C(for shaft)	1	#80	SK5	
52	052-000-83	Bearing	1	NU316(EMCM)		
52.1	113-000-14	Greese Pan	1	DD1-4-150-GSZ	FC250	
52.2	140-055-10	Hex.Bolt	4	M8×25L	SUS304	
52.3	142-163-18	Spring Washer	4	M8	SUS304	
52.4	121-000-29	Packing	2	4×5.5×343L	Felt	*
53	058-000-51	Protection Plate	1	φ500×3.2T	SPHC+EPDM+NBR	
54	055-004-46	Rotor	1Set	DD1-4-150-GSZ		includes Rotor, Shaft, Impeller Key, Bearing Nut)
55	147-000-76	Impeller Key	1	24×16×96L	30Cr13	
56	122-000-64	O-Ring	1	φ8.4×φ500	NBR	*
57	053-310-13	Motor Protector	3	9700K-76-215	(H)	
58	056-009-65	Stator	1Set	DD1-4-150-GSZ		
	064-001-49	Motor Frame	1	DD1-4-150-GSZ	FC250	
59	140-153-19	Hex.Bolt	8	M20×75L	SUS304	
60	142-165-10	Spring Washer	8	M20	SUS304	
61	140-099-16	Hex.Bolt	4	M12×40L	SUS304	
62	142-165-10	Spring Washer	4	M12	SUS304	
63	122-000-64	O-Ring	1	φ8.4×φ500	NBR	*
64	065-000-70	Outer Cover	1	DD1-4-150-GSZ	SS400	
65	140-097-14	Hex.Bolt	4	M12×30L	SUS304	
66	142-298-13	Seal Washer	4	SM-12	SUS304+NBR	
67	062-000-33	Bearing Cover	1	DD1-4-150-GSZ	FC250	
68	121-001-83	Packing	1	4×5.5×408L	Felt	*
69	052-000-02	Bearing	1	7320BTDB		
70	141-085-12	Bearing Nut	1	AN-20	SS400	

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71	142-253-16	Bearing Washer	1	AW-20	SPCC	
72	122-000-65	O-Ring	1	V640	NBR	*
73	140-193-11	Hex.Bolt	8	M24×100L	SUS304	
74	142-170-18	Spring Washer	8	M24	SUS304	
75	060-001-95	Bearing Housing	1	DD1-4-150-GSZ	FC250	
76	035-113-18	Oil Plug	4	M12×14L Hex.Socket Cap B	SUS304	
77	121-247-12	Packing	4	12.3×18×2T	PE	
78	003-151-19	Gland	1	P.C.30	SPC	
79	090-122-11	Leakage Sensor(Electrode)	1	φ9×43L	SUS	
80	140-021-17	Hex.Bolt	2	M5×20L	SUS304	
81	025-000-72	Mechanical Seal	1	MU0095	Cemented Carbide+Carbon	
81	025-000-71	Mechanical Seal	1	ML0090	SIC	
82	143-030-18	Pan Screw	4	M5×14L	SWRM3	
83						
84	122-314-14	O-Ring	1	φ341×φ5.7	NBR	*
85	029-001-23	Oil Casing	1	GSZ-150-4	FC200	
	080-001-15	Oil Pipe	1	3/4"×φ50mm×167L	SUS304	
	035-113-18	Oil Plug	1	M12×14L Hex.Socket Cap B	SUS304	
	121-247-12	Packing	1	12.3×18×2T	PE	*
	140-021-17	Hex.Bolt	4	M5×20L	SUS304	
	142-161-16	Spring Washer	4	M5 2号	SUS304	
	122-116-14	O-Ring	1	G25	NBR	*
86	140-124-11	Hex.Bolt	8	M16×40L	SUS304	
87	142-166-11	Spring Washer	8	M16	SUS304	
89	026-229-10	Oil Seal(Upper)	1	TC-10012513	NBR	
90	071-000-64	Shaft Sleeve	1	φ90xφ100x108L	SUS403	
91	140-100-11	Hex.Bolt	8	M12×45L	SUS304	
92	142-165-10	Spring Washer	8	M12	SUS304	
	140-100-37	Hex.Bolt	4	M12×45L(Fully threaded bol	SUS304	
	141-007-10	Hex.Nut	4	M12	SUS304	
93	028-000-37	Seal Housing	1	GSZ-150-4	FC200	
94	122-157-17	O-Ring	1	G-260	NBR	*
95	026-229-10	Oil Seal(Lower)	3	TC-10012513	NBR	
96	026-219-17	Distance Piece	2	φ114.4×φ124.5×6T	SUS304	
98	020-003-35	Pump Casing	1	GSZ-150-4	FC200	
	121-001-38	Packing	8	600-65-12B	NBR	*
99	021-010-06	Impeller (60Hz)	1	GSZ-150-4	24CrFC	

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99.1	142-000-89	Washer	1	M24 (φ26×φ110×18T)	SUS304	S/N before 20653711001
99.2	217-000-24	Fixing Plate	1	M24 (φ110×3T)	SUS304	S/N before 20653711001
99.3	140-	Hex.Bolt	1	M24×50L (Full thread)	SUS304	S/N before 20653711001
99.4	145-035-19	Pin	1	φ5×10L	SUS304	S/N before 20653711001
99.5	140-235-16	Hex Socket Cap Bolt	2	M5×15L	SUS304	S/N before 20653711001
100	142-001-80	Washer	1	φ48×φ110×12L	SUS304	S/N 20657311001 and later
100.1	145-035-19	Pin	1	φ5×10L	SUS304	S/N 20657311001 and later
101	142-174-12	Spring Washer	1	M45	SUS304	S/N 20657311001 and later
102	157-016-24	Impeller Nut	1	M45,P=4.5	SUS304	S/N 20657311001 and later
103	122-362-17	O-Ring	1	φ480×φ5.7	NBR	*
104	022-001-95	Suction Cover	1	GSZ-150-4	FC200	
105	142-166-11	Spring Washer	8	M16	SUS304	
106	140-126-13	Hex.Bolt	8	M16×50L	SUS304	
	140-001-37	Hex.Bolt	4	M16×55L(Fully threaded bol	SUS304	
	141-008-11	Hex.Nut	4	M16	SUS304	
107	023-002-02	Strainer Stand	1	GSZ-150-4	SS400	
108	140-188-13	Hex.Bolt	8	M24×75L	SUS304	
109	142-170-18	Spring Washer	8	M24	SUS304	
123	070-000-60	Cooling Pipe Fixture	1	3/4"×140L	SUS304	
124	071-000-65	Spacer	2	t=1mm	SUS304	
	071-000-66		2	t=2mm		
125	140-075-16	Hex.Bolt	2	M10×25L	SUS304	cooling pipe
126	142-128-11	Washer	2	M10	SUS304	cooling pipe
	142-164-19	Spring Washer	2	M10	SUS304	cooling pipe
127	144-579-17	U-bolt	1	32A×M10	SUS304	cooling pipe
128	141-006-19	Hex.Nut	4	M10	SUS304	cooling pipe
129	080-001-16	Cooling Pipe	1	1·1/4"×1200L	SUS304TP(Sch40)	cooling pipe
130	080-001-17	Cooling Pipe	1	1·1/4"×123L	SUS304TP(Sch40)	cooling pipe
131	080-000-95	Tee	1	1·1/4"	SUS304	cooling pipe
132	204-000-12	Plug	1	PT1·1/4", B23, H33	SUS304	
133	204-000-12	Plug	1	PT1·1/4", B23, H33	SUS304	
	048-000-53	Screwed Flange	1	JIS10K-NPT10"	FC200	not shown
	140-001-30	Hex.Bolt	12	M22×75L	SUS304	not shown
	142-169-14	Spring Washer	12	M22	SUS304	not shown
	121-110-15	Packing	1	250A-JIS10K	NBR	* not shown
	173-003-60	Packing & O-Ring Set	1			
16	122-264-18	O-Ring	2	φ140×φ3.5	NBR	*

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ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
41	121-151-18	Packing	1	P.C.80×2T	CR	*
46	121-482-11	Packing	8	φ34×φ19.5×4T	CR	*
48	121-247-12	Packing	1	12.3×18×2T	PE	*
50	122-000-65	O-Ring	1	V640	NBR	*
52.4	121-000-29	Packing	2	4×5.5×343L	Felt	*
56	122-000-64	O-Ring	1	φ8.4×φ500	NBR	*
63	122-000-64	O-Ring	1	φ8.4×φ500	NBR	*
68	121-001-83	Packing	1	4×5.5×408L	Felt	*
72	122-000-65	O-Ring	1	V640	NBR	*
77	121-247-12	Packing	4	12.3×18×2T	PE	*
84	122-314-14	O-Ring	1	φ341×φ5.7	NBR	*
	121-247-12	Packing	1	12.3×18×2T	PE	*
	122-116-14	O-Ring	1	G25	NBR	*
94	122-157-17	O-Ring	1	G-260	NBR	*
	121-001-38	Packing	8	600-65-12B	NBR	*
103	122-362-17	O-Ring	1	φ480×φ5.7	NBR	*
	121-110-15	Packing	1	250A-JIS10K	NBR	*
		Lubricant		Turbine Oil VG32 26000ml		

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EXPLODED VIEW

GSZ-150-4

