

PARTS LIST		SUBMERSIBLE AERATOR			1/25/2022	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	009-127-14	Terminal	2	R-1.25-4	CU	
2	140-427-17	Hex.Bolt (w/Plain Washer)	2	M5x15	SUS304	
3	003-190-10	Gland	1		SUS316	
4	001-448-36	Cabtyre Cable Set (32') 460V-60Hz (USA)	1	2PNCT2Cx1.25mm2	LB	
5	009-104-15	Solderless Terminal	2	TMVB-1.25	CU	
6	009-107-18	Terminal	7	R-14-6	CU	** included in ITEM 11 cable ass'y ***included in ITEM 14 cable ass'y
7	140-035-14	Hex.Bolt	4	M6x20	SUS304	** included in ITEM 11 cable ass'y ***included in ITEM 14 cable ass'y
8	070-107-18	Cable Clamp	2		FC	** included in ITEM 11 cable ass'y ***included in ITEM 14 cable ass'y
9	140-488-16	Hex.Bolt (w/Spring Washer)	8	M8x30	SUS304	
10	006-127-15	Stuffing Box	2	No.3	FC	** included in ITEM 11 cable ass'y ***included in ITEM 14 cable ass'y
11	001-007-77	Cabtyre Cable Set (32') 460V-60Hz (USA)	1	2PNCT3Cx14mm2	No.3	
12	008-150-13	Mould Cover	1	KR3-12	CR	**included in ITEM 11 cable ass'y
13	140-029-28	Hex.Bolt	7	M6x10	SWRM	
14	009-107-18	Terminal	7	R-14-6	CU	** included in ITEM 12 cable ass'y ***included in ITEM 14 cable ass'y
15	009-106-17	Terminal	6	R-8-6	CU	
16	141-004-59	Hex.Nut	7	M6	SWRM	
17	002-000-18	Heat Shrink Tube (Sold per meter)	m	W3F2(3/4IN)	(Vm)	
	200-000-23	Electrical tape(30M)	1	540S(0.18T-30Wx30M)		
18	001-007-76	Cabtyre Cable Set (32') 460V-60Hz (USA)	1	2PNCT4Cx14mm2	No.3	
19	008-147-17	Mould Cover	1	KR3-9	CR	**included in ITEM 18 cable ass'y
20	140-100-11	Hex.Bolt	6	M12x45	SUS304	
21	142-165-10	Spring Washer	6	M12	SUS304	
22	050-000-68	Motor Bracket	1		FC	
23	072-125-21	Eye Bolt	2	M20	SUS304	
24	143-000-58	Pan Screw (w/Spring Washer/Plain Washer)	1	M6x12	SWRM	
25	009-106-17	Terminal	2	R-8-6	CU	
26	035-113-18	Oil Plug	1	M12x14	SUS304	
27	121-247-12	Packing	1	d12.3xd18x2t	PE	*
28	122-160-13	O-Ring	1	G-290(289.3xd5.7)	NBR	*
29	142-000-70	Wave Washer	1	d83xd99x0.9t	SK5	
30	052-000-27	Bearing (w/O-ring)	1	AC-6309ZZC3		
31	016-000-04	Lead Wire Protection Bush	2	d21xd52x11t	SBR	
32	058-000-21	Lead Wire Protection Plate	1	d114xd290x3t	SPCC	
33	055-001-87	Rotor	1Set			
34	147-011-15	Impeller Key	1	12x8x40	SUS420	
35	053-001-67	Motor Protector	3	YS11A135A-D20	(H)	
36	056-005-27	Stator 460V-60Hz(USA)	1Set			
37	064-000-96	Motor Frame	1		FC	

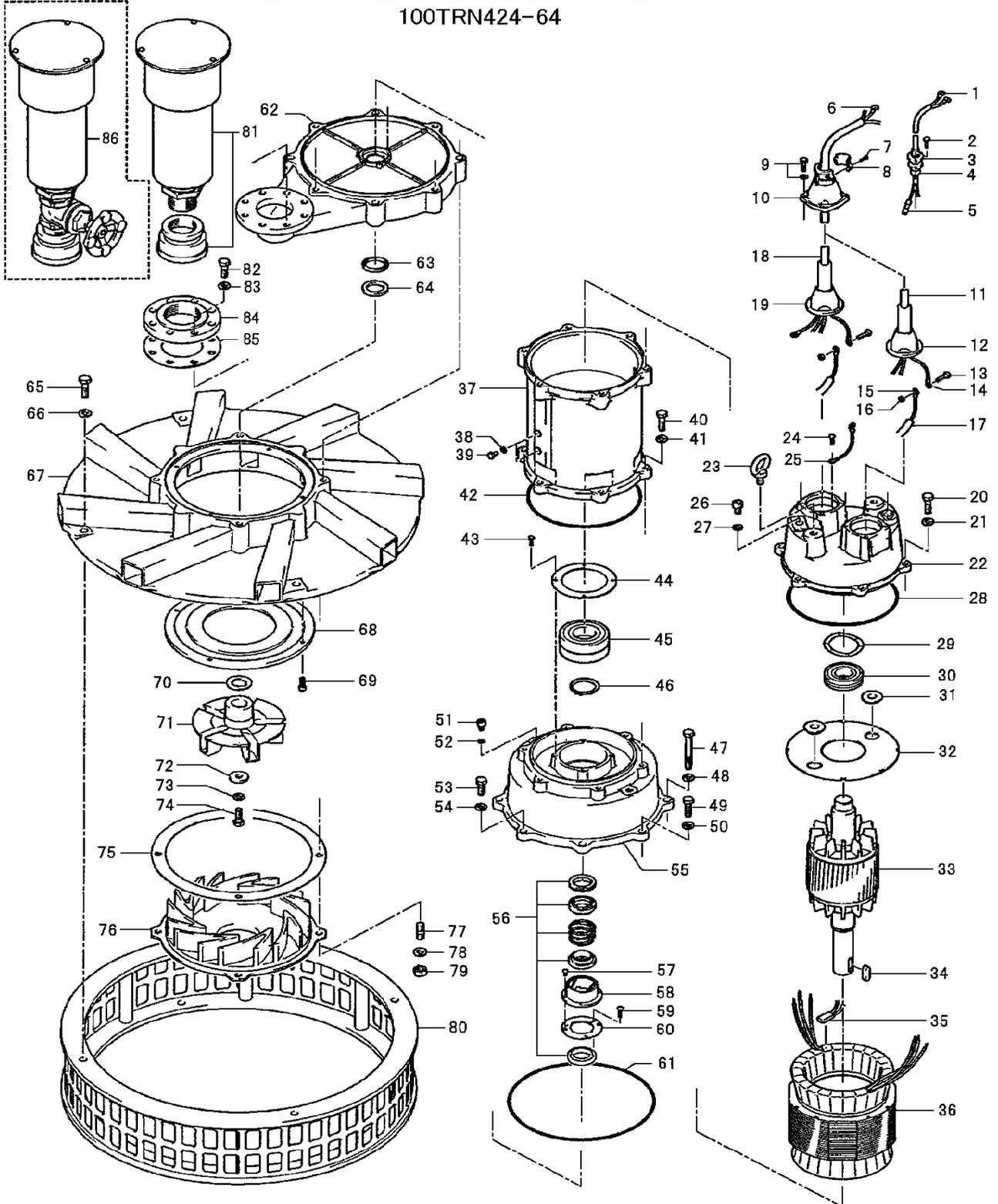
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38	142-427-13	Seal Washer	2	WD-12	SPC+NBR	
39	140-000-69	Hex.Bolt	2	M12x25	SS	
40	140-102-13	Hex.Bolt	6	M12x55	SUS304	
41	142-165-10	Spring Washer	6	M12	SUS304	
42	122-160-13	O-Ring	1	G-290(289.3xd5.7)	NBR	*
43	140-000-68	Hex.Bolt	4	M8x20	SS	
44	062-000-16	Bearing Fixing Plate	1	6312(d118xd170x4.5t)	SS	
45	052-143-10	Bearing	1Set	6312ZZD2C3		can substitute 052-001-16
46	146-034-11	Retaining Ring	1	C60	SK5	
47	140-138-18	Hex.Bolt	4	M16x130	SUS304	
48	142-166-11	Spring Washer	4	M16	SUS304	
49	140-127-14	Hex.Bolt	3	M16x55	SUS304	
50	142-166-11	Spring Washer	3	M16	SUS304	
51	035-113-18	Oil Plug	2	M12x14	SUS304	
52	121-247-12	Packing	2	d12.3xd18x2t	PE	*
53	140-124-11	Hex.Bolt	1	M16x40	SUS304	
54	142-166-11	Spring Washer	1	M16	SUS304	
55	060-000-47	Bearing Housing	1		FC	
56	025-000-62	Mechanical Seal	1	H-45X(E)	SIC	changed from 025-197-15 by TB M63-003
57	143-070-23	Pan Screw	2	M5x6	SWRM	
58	030-140-19	Oil Lifter	1	H-45	Resin	
59	143-070-10	Pan Screw	3	M5x6	SWRM	
60	030-149-18	Seal Stopper	1	H-40/45	SPCC	
61	122-256-17	O-Ring	1	390xd5.7	NBR	*
62	018-000-02	Air Passage	1	100TR419/22-51/61	FC	
63	026-000-07	Distance Piece	1	80TR415-51/61	SS	
64	026-197-18	Oil Seal	1	VC-45686	NBR	
65	140-128-15	Hex.Bolt	4	M16x60	SUS304	
66	142-166-11	Spring Washer	4	M16	SUS304	
67	019-000-20	Guide Vane	1	100TRN422	FC	
68	028-000-36	Middle Plate	1	100TRN422-54/64	SCS1	
69	140-000-55	Hex.Socket Cap Bolt	4	M10x20	SUS304	
70	040-000-12	Impeller Washer		d40.5xd59	SUS304	
71	021-009-06	Impeller (60Hz)	1	100TRN424-64	SCS1	
72	142-101-18	Impeller Fixing Washer	1	d17xd50x6t	SUS304	
73	142-166-11	Spring Washer	1	M16	SUS304	
74	140-125-12	Hex.Bolt	1	M16x45	SUS304	
75	120-149-10	Packing		d411xd470x0.5t	PE	*

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76	022-001-80	Suction Cover (60Hz)	1	100TRN422-64	SCS1	
77	144-432-17	Stud Bolt	4	M16x32(28/20)(JIS)	SUS304	
78	142-166-11	Spring Washer	4	M16	SUS304	
79	141-008-11	Hex.Nut	4	M16	SUS304	
80	023-000-57	Strainer Stand	1	300/370-TR	SS	
81	215-000-09	Silencer Socket Set	1Set	TRN422-52/62	FCMB	
82	140-125-12	Hex.Bolt	8	M16x45	SUS304	
83	142-166-11	Spring Washer	8	M16	SUS304	
84	048-139-10	Screwed Flange (for USA)	1	NPT-4(JIS10K)	FC	
85	121-106-34	Packing	1	JIS10Kx100mm	NR	*
86	215-108-14	Silencer & Valve Set	1Set	190/220-TR	CAC40	
	173-003-07	Packing O-Ring Set	1Set	(Marked by *)		
27	121-247-12	Packing (Air Tightness Test Plug)	1	d12.3xd18x2t	PE	*
28	122-160-13	O-Ring (M.Bracket/M.Frame)	1	G-290(289.3xd5.7)	NBR	*
42	122-160-13	O-Ring (M.Frame/Brg.Housing)	1	G-290(289.3xd5.7)	NBR	*
52	121-247-12	Packing (Oil Plug)	2	d12.3xd18x2t	PE	*
61	122-256-17	O-Ring (Brg.Housing/Air Passage)	1	390xd5.7	NBR	*
75	120-149-10	Packing		d411xd470x0.5t	PE	*
85	121-106-34	Packing	1	JIS10Kx100mm	NR	*
		Lubricant		Turbine Oil VG32 10,000ml		

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EXPLODED VIEW

100TRN424-64



C-01378-1