

PARTS LIST		WASTEWATER PUMP				11/1/2017
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	009-127-14	Terminal	4	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	001-006-55	Cabtyre Cable Set (8m)	1	VCT4Cx1.25mm2	LBT	
5	009-104-15	Solderless Terminal	4	TMVB-1.25	CU	
6	009-107-18	Terminal	7	R-14-6	CU	
7	001-234-11	Cabtyre Cable (Sold per meter)	8	2PNCT4Cx14mm2	(Vm)	
8	140-056-11	Hex.Bolt	8	M8x30	SUS304	
9	141-005-18	Hex.Nut	8	M8	SUS304	
10	003-200-14	Gland	2	BG3(2Px4x14mm2)	FC	
11	005-140-11	Bush Washer	4	d23xd53.5x3t	SUS304	
12	004-129-11	Cable Bush	1	d22.5xd54x25l	NBR	
13	140-076-17	Hex.Bolt	8	M10x30	SUS304	
14	142-164-19	Spring Washer	8	M10	SUS304	
15	006-162-12	Stuffing Box	2	BG3	FC	
16	001-529-16	Cabtyre Cable (Sold per meter)	8	2PNCT3Cx14mm2	(Vm)	
17	004-135-10	Cable Bush	1	d21xd54x25l	SBR	
18	009-106-17	Terminal	6	R-8-6	CU	
19	140-029-28	Hex.Bolt	7	M6x10	SWRM	
20	141-004-59	Hex.Nut	7	M6	SWRM	
21	009-107-18	Terminal	7	R-14-6	CU	
22	200-000-23	Electrical tape(30M)	1	540S(0.18T-30Wx30M)		
23	002-000-18	Heat Shrink Tube (Sold per meter)	m	W3F2(3/4IN)	(Vm)	
24	122-132-16	O-Ring	2	G-105(104.4xd3.1)	NBR	
25	143-000-58	Pan Screw (w/Spring Washer/Plain Washer)	1	M6x12	SWRM	
26	009-106-17	Terminal	2	R-8-6	CU	
27	046-000-03	Air Release Valve	1	PT-1/2	SUS304	
28	217-000-18	Fixing Plate	1		FC	
29	122-359-11	O-Ring	1	445xd5.7	NBR	
30	140-102-13	Hex.Bolt	6	M12x55	SUS304	
31	142-165-10	Spring Washer	6	M12	SUS304	
32	142-000-47	Washer	6	M12(d12.5xd25.5x5t)	SUS304	
33	121-513-12	Packing	6	d11.5xd21x4t	CR	
34	122-353-15	O-Ring	1	310xd5.7	NBR	
35	072-103-23	Eye Bolt	2	M24	SUS304	
36	035-113-18	Air Tightness Test Plug	1	M12x14	SUS304	
37	121-247-12	Packing	1	d12.3xd18x2t	PE	
38	140-100-11	Hex.Bolt	6	M12x45	SUS304	

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39	142-165-10	Spring Washer	6	M12	SUS304	
40	050-000-75	Motor Bracket	1		FC	
41	122-353-15	O-Ring	1	310xd5.7	NBR	
42	142-000-73	Wave Washer	1	6310(d109xd92x7Hx1.2t)	SK5	
43	052-000-50	Bearing (w/O-ring)	1	AC-6310ZZC3		
44	016-000-04	Lead Wire Protection Bush	2	d21xd52x11t	SBR	
45	058-000-23	Lead Wire Protection Plate	1	d120xd315x3t	SPCC	
46	055-001-99	Rotor	1Set			
47	147-000-38	Impeller Key	1	16x10x65L	SUS420	
48	053-001-67	Motor Protector	3	YS11A135A-D20	(H)	
49		Stator	1Set			
50	064-001-06	Motor Frame	1		FC	
51	142-427-13	Seal Washer	3	WD-12	SPC+NBR	
52	140-000-69	Hex.Bolt	3	M12x25	SS	
53	140-128-15	Hex.Bolt	6	M16x60	SUS304	
54	142-166-11	Spring Washer	6	M16	SUS304	
55	122-308-15	O-Ring	1	320xd5.7	NBR	
56	140-055-78	Hex.Bolt	4	M8x25	SS	
	142-163-34	Spring Washer	4	M8	SWRH	
58	133-002-10	Bearing Top Cover	1	WG1-6-37-BG/4-45-BG	FC	
59	121-000-28	Packing	2	4x5.5x290	Felt	can substitute 121-000-29 (L=343)
60	052-000-56	Bearing	1Set	7315BDB+KL10		
61	142-248-18	Bearing Washer	1	AW15	SPCC	
62	141-080-17	Bearing Nut	1	AN15	SS	
63	122-151-11	O-Ring	1	G-200(199.3xd5.7)	NBR	
64	060-001-26	Bearing Housing	1		FC	
65	122-265-19	O-Ring	1	335xd5.7	NBR	
66	148-002-16	Grease Nipple	1	A-PT1/8	C3604	
67	122-024-14	O-Ring	1	P-25(24.7xd3.5)	NBR	
68	144-000-47	Grease Plug	1	M25x20	SUS304	
69	090-112-18	Leakage Sensor(Float)	1	OLV-5-2(B)		
70	142-293-18	Seal Washer	1	W-10	SUS304	
71	122-149-16	O-Ring	1	G-190(189.3xd5.7)	NBR	
72	113-000-04	Grease Pan	1	CCKL21BG437/445/630	FC	
73	026-269-12	Oil Seal	1	TC-60789	NBR	
74	140-269-19	Hex.Socket Cap Bolt	4	M8x25	SUS304	
75	065-000-48	Outer Cover	1		SGPSS	
76	144-528-11	U-bolt	1	C-#20-M10	SUS304	

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77	141-006-19	Hex.Nut	4	M10	SUS304	
78	122-359-11	O-Ring	1	445xd5.7	NBR	
79	026-269-12	Oil Seal	1	TC-60789	NBR	
80	029-321-12	Casing Cover	1	200/250/300-22-6BG3	FC	
81	122-259-10	O-Ring	1	12xd3	NBR	
82	035-102-30	Drain Plug	1	M12x16(B=21)	SUS304	
83	140-135-15	Hex.Bolt	4	M16x100	SUS304	
84	142-166-11	Spring Washer	4	M16	SUS304	
85	140-129-16	Hex.Bolt	4	M16x65	SUS304	
86	142-166-11	Spring Washer	4	M16	SUS304	
87	121-514-13	Packing	6	d15.5xd27x4t	CR	
88	142-000-48	Washer	6	M16(d16.5xd31.5x5t)	SUS304	
89	142-166-11	Spring Washer	6	M16	SUS304	
90	140-129-16	Hex.Bolt	6	M16x65	SUS304	
91	122-259-10	O-Ring	2	12xd3	NBR	
92	035-102-30	Oil Plug	2	M12x16(B=21)	SUS304	
93	025-199-17	Mechanical Seal	1	H-60	SiC	
94	143-028-13	Pan Screw	3	M5x10	SWRM	
95	030-134-10	Oil Lifter	1	H-60	SPCC	
96	122-266-10	O-Ring	1	460xd6	NBR	
97	122-265-19	O-Ring	1	335xd5.7	NBR	
98	122-259-10	O-Ring	1	12xd3	NBR	
99	035-102-30	Drain Plug	1	M12x16(B=21)	SUS304	
100	029-317-28	Oil Casing	1	250-30-4BG3/150-37-4BG3	FC	
101	122-267-11	O-Ring	1	495xd5	NBR	
102	029-326-17	Casing Plate	1	200/250/300-22-6BG3	FC	
103	140-318-14	Hex.Socket Cap Bolt	3	M16x45	SUS304	
104	140-290-19	Hex.Socket Cap Bolt	3	M10x45	SUS304	
105	026-118-15	Oil Seal	1	TC-709513	NBR	
106	071-000-17	Shaft Sleeve	1	d60xd70x43L	SUS304	
107	034-426-14	Wear Ring	1	d230xd282x25L(PC261)	FC	
108	140-233-14	Hex.Socket Cap Bolt	4	M5x12	SUS304	
109	122-137-11	O-Ring	1	G-130(129.4xd3.1)	NBR	
110	026-267-10	Labyrinth Ring	1	d110xd140x13L	SUS304	
111	026-268-11	Oil Seal	1	TC-11014014	NBR	
112	021-000-95	Impeller (50Hz) OPTION	1	(TO)300BK445-53	FC	50Hz OPTION
112	021-000-96	Impeller (60Hz)	1	(TO)300BK445-63	FC	
113	145-035-19	Taper Pin	1	5x10	SUS304	

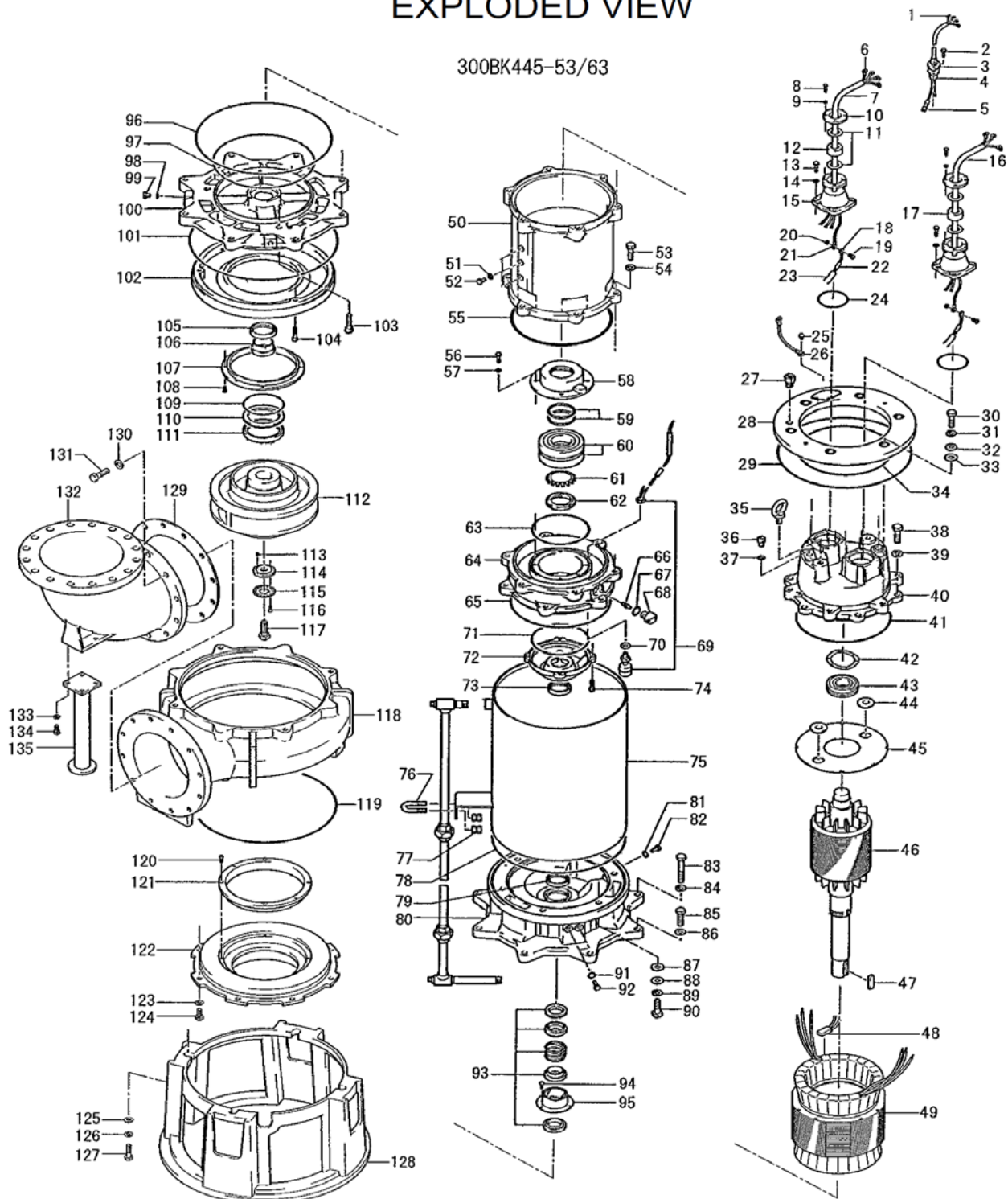
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114	142-000-18	Impeller Fixing Washer	1	M20,d55	SUS304	
115	217-022-19	Fixing Plate	1	d75x3t M20(B=30)	SUS304	
116	140-232-13	Hex.Socket Cap Bolt	2	M5x10	SUS304	
117	140-148-11	Hex.Bolt	1	M20x50	SUS304	
118	020-954-13	Pump Casing	1	300B445-52/62	FC	
119	122-456-19	O-Ring	1	445xd5	NBR	
120	140-233-14	Hex.Socket Cap Bolt	4	M5x12	SUS304	
121	034-109-21	Mouth Ring	1	d272xd318x38L	FC	
122	022-718-19	Suction Cover	1	300-45-4BG3	FC	
123	142-165-10	Spring Washer	8	M12	SUS304	
124	140-098-15	Hex.Bolt	8	M12x35	SUS304	
125	142-131-17	Plain Washer	4	M20	SUS304	
126	142-168-13	Spring Washer	4	M20	SUS304	
127	140-149-12	Hex.Bolt	4	M20x55	SUS304	
128	023-000-13	Strainer Stand	1	BK(PC570)	FCD	
129	121-168-21	Packing	1	JIS5Kx300mm	NR	
130	142-166-11	Spring Washer	12	M16	SUS304	
131	140-128-15	Hex.Bolt	12	M16x60	SUS304	
132	037-122-16	Discharge Bend	1	300x300mm	FC	
133	142-165-10	Spring Washer	4	M12	SUS304	
134	140-096-13	Hex.Bolt	4	M12x25	SUS304	
135	044-000-02	Bend Stand	1	P.C.100x414H	SGPSS	
	173-002-54	Packing O-Ring Set	1Set	(Marked by *)		
24	122-132-16	O-Ring (S.Box)	2	G-105(104.4xd3.1)	NBR	*
29	122-359-11	O-Ring (Fixing Plate/Outer Cover)	1	445xd5.7	NBR	*
33	121-513-12	Seal Packing (Fixing Plate Bolt)	6	d11.5xd21x4t	CR	*
34	122-353-15	O-Ring (Fixing Plate/Motor Bracket)	1	310xd5.7	NBR	*
37	121-247-12	Packing (Air Tightness Test Plug)	1	d12.3xd18x2t	PE	*
41	122-353-15	O-Ring (Motor Bracket/Motor Frame)	1	310xd5.7	NBR	*
55	122-308-15	O-Ring (Motor Frame/Bearing Housing)	1	320xd5.7	NBR	*
63	122-151-11	O-Ring (Bearing Top Cover/Bearing Housing)	1	G-200(199.3xd5.7)	NBR	*
65	122-265-19	O-Ring (Bearing Housing/Casing Cover)	1	335xd5.7	NBR	*
67	122-024-14	O-Ring (Plug)	1	P-25(24.7xd3.5)	NBR	*
71	122-149-16	O-Ring (Bearing Housing/Grease Pan)	1	G-190(189.3xd5.7)	NBR	*
78	122-359-11	O-Ring (Outer Cover/Casing Cover)	1	445xd5.7	NBR	*
81	122-259-10	O-Ring (Drain Plug)	1	12xd3	NBR	*
87	121-514-13	Seal Packing (Casing Cover Bolt)	6	d15.5xd27x4t	CR	*
91	122-259-10	O-Ring (Oil Plug)	2	12xd3	NBR	*

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ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
96	122-266-10	O-Ring (Casing Cover/Oil Casing)	1	460xd6	NBR	*
97	122-265-19	O-Ring (Casing Cover/Oil Casing)	1	335xd5.7	NBR	*
98	122-259-10	O-Ring (Drain Plug)	1	12xd3	NBR	*
101	122-267-11	O-Ring (O.Casing/P.Casing)	1	495xd5	NBR	*
109	122-137-11	O-Ring (Labyrinth Ring)	1	G-130(129.4xd3.1)	NBR	*
119	122-456-19	O-Ring (P.Casing/S.Cover)	1	445xd5	NBR	*
		Lubricant		Turbine Oil VG32 8,000ml		
	080-000-89	Cooling Pipe Set	1Set			
	183-005-18	Impeller Puller	1	B No.5	FCD	

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EXPLODED VIEW

300BK445-53/63



管理no. C-01213-1