

PARTS LIST		VANCS WASTEWATER PUMP			1/31/2022	
ITEM	PART No.	DESCRIPTION	QTY	SIZE	MATERIAL	NOTES
1	001-471-12	Cabtyre Cable Set (32') 115V-60Hz(USA)	1	VCT3Cx2mm2	LB	
	001-000-73	Cabtyre Cable Set (32') 220V-60Hz(USA)	1	STOW3x1.25mm2	LB	
2	143-000-33	Hex.Tapping Screw	2	M5x20	SUS304	
3	003-190-10	Gland	1		SUS316	
4	143-085-34	Pan Screw (w/Spring Washer)	1	M4x6	C3604	
5	009-001-25	Earth Terminal	1Set	AWG16x170L		
6	051-000-46	Head Cover	1		Resin	
7	140-000-07	Hex.Bolt (w/Plain Washer)	4	M6x30(22L)	SUS304	
8	122-004-18	O-Ring	4	P-6(5.8xd1.9)	NBR	*
9	076-000-63	Capacitor 115V-60Hz(USA)	1	45MF-220VAC		replaces OLD part# 076-000-01
	076-000-70	Capacitor 220V-60Hz(USA)	1	12MF-440VAC		replaces OLD part# 076-000-08
10	143-000-05	Pan Screw	4	M5x138(20L)	SWRM	
11	053-000-08	Motor Protector 115V-60Hz(USA)	1	KA142-BDXL14F	(T+H)	
	053-000-61	Motor Protector 230V-60Hz(USA)	1	KA142-BPXL34D	(T+H)	
12	143-136-15	Truss Screw	2	M4x10	SWRM	
13	050-000-02	Motor Bracket	1		ADC	
14	121-001-46	Packing	1	d125.7xd134.7x6t	NBR	*
15	056-008-17	Stator(w/M.Frame) 115V-60Hz(USA)	1Set			
	056-008-19	Stator(w/M.Frame) 230V-60Hz(USA)	1Set			
16	071-000-01	Collar	1	37L	SECC	
17	142-000-91	Wave Washer	1	6201(D=30.6,t=0.35)	SK5	
18	052-100-15	Bearing	1	6201ZZC3		
19	055-002-91	Rotor	1Set	w/Bearing		
20	061-157-15	Bearing Collar	1	d15.1xd21x1.6t	SPCC	
21	052-152-12	Bearing	1	6302ZZC3		
22	060-001-37	Bearing Housing	1		ADC	
23	025-000-78	Mechanical Seal	1	W-14HL (ROHS)	SSiC	replaces OLD part# 025-290-19
24	030-000-01	Oil Lifter	1	VANCS2	Resin	
25	121-001-12	Packing	1	VANCS2	NBR	*
26	035-127-15	Oil Plug	1	M10x15	SUS304	
27	121-246-11	Packing	1	d10.3xd16x2t	PE	*
28	140-000-03	Hex.Bolt (w/Spring Washer)	4	M6x25	SUS304	
29	029-000-95	Oil Casing	1	VANCS2	Resin	replaces OLD part# 029-000-01
30	143-000-26	Truss Screw (w/O-Ring)	4	M6x20(P-5,NBR)	SUS304	
31	142-354-18	Conical Spring Washer	1	d11.2xd22.5x0.8t	SUS304	
32	021-G28-21	Impeller (60Hz)	1	50PN2.75S-63	Resin	
	021-G29-22	Impeller (50Hz) OPTION	1	50PN2.75S-63	Resin	50 Hz OPTION
33	143-140-12	Truss Screw (w/Plain Washer)	1	M6x12	SUS304	
34	122-000-07	O-Ring	1	122xd3.0	NBR	*

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35	140-000-09	Hex.Bolt (w/Spring Washer)	2	M8x45	SUS304	
36	048-274-18	Screwed Flange	1	NPT-2(P.C.90)	Resin	
37	121-469-12	Packing	1	P.C.90xd58x2t	NR	*
38	020-000-06	Pump Casing	1	(40/50)PN/PSF2.25/ .4/.75	Resin	
39	023-000-01	Strainer	1	(40/50)PN/TM/TQ2. 25/.4/.75	Resin	
40	143-000-10	Truss Tapping Screw	2	M4x18	SUS304	
	173-003-14	<b>Packing O-Ring Set</b>	1Set	(Marked by *)		
8	122-004-18	O-Ring (Head Cover Fixing Bolt)	4	P-6(5.8xd1.9)	NBR	*
14	121-001-46	Packing (Head Cover/M.Frame)	1	d125.7xd134.7x6t	NBR	*
25	121-001-12	Packing (M.Frame/O.Casing)	1	VANCS2	NBR	*
27	121-246-11	Packing (Oil Plug)	1	d10.3xd16x2t	PE	*
30	122-003-17	O-Ring (P.Casing Fixing Screw)	4	P-5(4.8xd1.9)	NBR	*
34	122-000-07	O-Ring (O.Casing/P.Casing)	1	122xd3.0	NBR	*
37	121-469-12	Packing (Screwed Flange)	1	P.C.90xd58x2t	NR	*
		Lubricant		Liquid Paraffin VG32 240ml		

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## EXPLODED VIEW

50PN2. 75S-53/63  
50PN2. 75S-52/62

