

Parts List	Sewage Pumps	Control No:	Date: 03-18-2005
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ITEM	PARTS No.	DESCRIPTION	Q'TY	SIZE	MATERIAL	PRICE (\$)	NOTES
1	001-148-33	Power Cable 32'	1	BE, AWG16/4 x 32'	VCT	168.70	
2	140-021-17	Bolt	3	M5x20	SUS304	0.40	
3	142-422-18	Seal Washer	3	PM-5	SUS+NBR	1.60	
4	003-111-20	Gland	1	BE	SUS304	5.60	
5	009-119-13	Terminal Splice	4	CE-2	CU	0.70	
6	140-052-17	Bolt	2	M8x16	SUS304	0.90	
7	127-107-17	Retainer (Protector)	1	22/37-BE2	SUS304	106.60	
8	121-255-13	Gasket (Protector Retainer)	1	22/37-BE2	NBR	2.50	*
9	001-803-20CUT	Control Cable 32'	1	LBT, AWG16/2 x 32' (use Black & White)	VCT	96.50	Cut the Red & Green Wire Ends.
10	140-427-17	Bolt	2	M5x15, w/ Washer	SUS304	0.60	
11	003-100-13	Gland	1	LB	SUS304	5.50	c/w Power Cable
12	072-100-20	Lifting Eye Bolt	2	M10	SUS304	12.40	
13	140-055-10	Bolt	3	M8x25	SUS304	1.00	
14	142-163-18	Spring Washer	3	M8	SUS304	0.20	
15	064-513-12	Motor Frame	1	80-2.2/3.7-4BG3	FC	593.50	for AC-Bearing
16	122-333-19	O-Ring (M.Frame/B.Housing)	1	170xd3.1	NBR	9.60	*
17	142-196-10	Wave Washer	1	#6205/6304	SK-5	2.70	
18	052-188-17	Ball Bearing (Upper)	1	AC-6304ZZC3		21.60	AC-Bearing
19	058-117-13	Lead Wire Prot. Plate	1	d70xD140x1.6t	Bakelite	44.80	
20	141-004-59	Nut	1	M6	SWRM	0.20	see 141-004-17
21	009-159-15	Terminal	1	R-2-6	CU	0.40	
22	129-004-19	Stopper (Stator)	1	M6x160(20/66)	SS	17.80	
23	056-	Stator 200/200V-60HZ	1	22-BE3 (200-50, 200/220-60) class F, w/ M.Prot.		828.80	c/w Motor Protector
23	056-	Stator 400/440V-60HZ	1	22-BE3 (400/415-50, 400/440-60) class F, w/ M.Prot.		828.80	c/w Motor Protector
23	056-	Stator 575V-60HZ	1	22-BE3 class F, w/ M.Prot.		828.80	c/w Motor Protector
23-1	053-240-11	Motor Protector 220V	3	KA313-GGXL103		179.10	
23-1	053-421-18	Motor Protector 440V	3	KA313-GQXL102		162.80	
24	055-790-17	Rotor and Shaft	1	100-1.5/2.2-UB5		597.90	
25	147-081-16	Key	1	7x7x22L	SUS	10.70	
26	143-042-13	Pan Screw	3	M6x10	SWRM	0.20	
27	062-196-19	Bearing Fixing Washer	3	d8xD20.5x2.3t	SS	1.20	
28	052-110-18	Ball Bearing (Lower)	1	6307ZZC3		31.70	
29	146-022-16	Retaining Ring	1	C35	SK-5	3.30	
30	140-098-15	Bolt	3	M12x35	SUS304	3.00	
31	142-165-10	Spring Washer	3	M12	SUS304	0.60	
32	060-373-16	Bearing Housing	1	22-BE3/CE3	FC	254.60	
33	121-247-12	Gasket (Oil Plug)	1	d11.8xD18x2t	PE-sheet	0.50	*
34	035-113-18	Oil Plug	1	M12x14 (Socket Bolt, J=10)	SUS304	4.00	
35	025-279-12	Mechanical Seal	1	H-30A	SiC+CCBN	293.00	see 025-194-12
36A	143-070-23	Pan Screw	2	M5x6, w/ Scotch Grip	SWRM	0.20	
36B	030-142-11	Oil Lifter	1	H-30(A)(T)	Resin	4.30	
37A	143-070-10	Pan Screw	3	M5x6	SWRM	0.20	
37B	030-151-13	Retainer	1	H-30(A)(T)	SPCC	5.20	
38	122-246-14	O-Ring (B.Housing/O.Casing)	1	180xd3.1	NBR	4.90	*
39	140-098-15	Bolt	3	M12x35	SUS304	3.00	
40	142-165-10	Spring Washer	3	M12	SUS304	0.60	
41	029-356-16	Oil Casing	1	80UR42.2		355.20	
42	026-111-18	Oil Seal	1	TC-456812	NBR	7.50	
43	040-107-28	Impeller Shim		d25.2xD38x0.3t	SUS304	1.60	
44	021-M78-18	Impeller (60Hz)	1	80BUL41.5-60Hz	FC	500.20	60Hz
44	021-M77-17	Impeller (50Hz)	1	80BUL41.5-50Hz	FC	500.20	50Hz
45	142-301-10	Impeller Washer	1	for M10	SUS304	46.20	
46	140-284-10	Socket Bolt	1	M10x20	SUS304	5.00	
55	020-A44-24	Pump Casing	1	80BUL41.5/42.2-50/60	FC	852.50	
<b>&lt;Discharge Bend Set&gt; 4" Discharge (3"x4")</b>							
47	121-152-19	Gasket (Discharge Bend)	1	145mmSQ (P.C.145)	NBR	5.00	*
48	140-130-36	Bolt	8	M16x70	SWRM	3.30	see 140-130-10
49	048-139-10	Companion Flange 4" NPT	1	JIS10K x NPT-4"	FC	95.30	
50	121-106-18	Gasket (Companion Flange)	1	JIS10K x 100mm	NBR	5.00	
51	037-170-19	Discharge Bend	1	80x100mm	FC	214.60	
52	142-166-37	Spring Washer	8	M16	SWRH	0.30	see 142-166-11
53	141-008-11	Nut	8	M16	SUS304	3.60	
54	140-124-11	Bolt	4	M16x40	SUS304	5.20	
<b>&lt;Discharge Bend Set&gt; 3" Discharge (3"x3") - Option</b>							
47	121-152-19	Gasket (Discharge Bend)	1	145mmSQ (P.C.145)	NBR	5.00	*
48	140-129-32	Bolt	8	M16x65	SWRM	1.80	see 140-129-16
49	048-138-19	Companion Flange 3" NPT	1	JIS10K x NPT-3"	FC	48.00	
50	121-105-17	Gasket (Companion Flange)	1	JIS10K x 80mm	NBR	3.80	
51	037-169-15	Discharge Bend	1	80x80mm	FC	185.00	
52	142-166-37	Spring Washer	8	M16	SWRH	0.30	see 142-166-11
53	141-008-11	Nut	8	M16	SUS304	3.60	

\* Indicates items included in set

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54	140-124-11	Bolt	4	M16x40	SUS304	5.20	
<Gasket O-Ring Set>							
	173-554-16	Gasket O-Ring Set	1set	(*)		27.80	
8	121-255-13	Gasket (Protector Retainer)	1	22/37-BE2	NBR	2.50	*
16	122-333-19	O-Ring (M.Frame/B.Housing)	1	170xd3.1	NBR	9.60	*
33	121-247-12	Gasket (Oil Plug)	1	d11.8xD18x2t	PE-sheet	0.50	*
38	122-246-14	O-Ring (B.Housing/O.Casing)	1	180xd3.1	NBR	4.90	*
47	121-152-19	Gasket (Discharge Bend)	1	145mmSQ (P.C.145)	NBR	5.00	*
		Lubricant		Turbine Oil#32 1,450 mL (49.0 floz)	(SAE 10W-20)		
		Parts for guide rail fittings are shown in the following Control No.					
		TOS3-80x100 (TOS3-6-1-1)					
		TOS3-80x80 (TOS3-4-1-1)					Option

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