

Parts List	Sewage Pumps	Control No: IU-30-2-1	Date: 03-18-2005
------------	--------------	-----------------------	------------------

ITEM	PARTS No.	DESCRIPTION	Q'TY	SIZE	MATERIAL	PRICE (\$)	NOTES
1	001-803-20	Power Cable 32'	1	LBT, AWG16/4 x 32'	VCT	96.50	
2	140-427-17	Bolt	2	M5x15, w/ Washer	SUS304	0.60	
3	003-100-13	Gland	1	LB	SUS304	5.50	c/w Power Cable
4	072-105-25	Lifting Eye Bolt	2	M8	SUS304	10.70	
5	064-279-13	Motor Frame	1	15-BE2 (1st)	FC	257.50	1st
5	064-279-26	Motor Frame	1	15-BE2 (2nd), "A"mark	FC	257.50	2nd (for AC-Bearing)
6	140-076-17	Bolt	3	M10x30	SUS304	2.10	
7	009-112-16	Grounding Wire	1	AWG16		1.60	
8	142-124-20	Washer	1	M4	SPC	0.30	see 142-111-11
9	143-086-22	Pan Screw	1	M4x8, w/ S.Washer	SWRM	0.30	
10	142-195-19	Wave Washer	1	#6204/6303	SK-5	2.70	
11	052-103-18	Ball Bearing (Upper)	1	6204ZZC3		11.50	1st
11	052-187-16	Ball Bearing (Upper)	1	AC-6204ZZC3		17.80	2nd, AC-Bearing
12	058-116-12	Lead Wire Prot. Plate	1	d52xD115x1t	Bakelite	9.60	
13	056-A86-16	Stator 200/220V-60HZ	1	15-BE2(2nd) (200-50, 200/220-60)		371.50	2nd , see 056-300-19 (1st)
13	056-	Stator 400/440V-60HZ	1	15-BE2(2nd) (400/415-50, 400/440-60)		371.50	2nd , see 056-776-10 (1st)
13	056-	Stator 575V-50HZ	1	15-BE2(2nd)		371.50	2nd
14	127-104-14	Retainer (Protector)	1	15-BE2	SECC	15.70	
15	053-204-26	Motor Protector 200/220V-60HZ	1	KA313-GCTL103 (T)		63.60	
15	053-380-14	Motor Protector 400/440V-60HZ	1	KA313-GQVL102 (T)		63.60	
15	053-378-19	Motor Protector 440/460/480V-60HZ	1	KA313-GQVL104 (T)		162.80	
15	053-379-10	Motor Protector 525V-50HZ	1	KA313-GQVL116 (T)		70.00	
15	053-	Motor Protector 575V-60HZ	1			162.80	
16	142-124-20	Washer	2	M4	SPC	0.30	see 142-111-11
17	143-016-18	Pan Screw	2	M4x12	SWRM	0.20	
18	055-350-11	Rotor and Shaft	1	15-BE2 (1st)		265.50	1st, c/w Ball Bearings
18	055-737-16	Rotor and Shaft	1	15-BE2 (2nd), w/ AC-Bearing		265.50	2nd, c/w Ball Bearings
19	147-038-18	Key	1	5x5x15.5L (R)	SUS	7.10	
20	061-161-12	Bearing Collar	1	d25.1xD36x1.6t	SPC	2.20	
21	143-028-13	Pan Screw	2	M5x10	SWRM	0.20	
22	062-187-17	Bearing Retainer	2	d5.5xD18x2.3t	SPC	1.90	
23	052-108-13	Ball Bearing (Lower)	1	6305ZZC3		18.90	
24	146-015-16	Retaining Ring	1	C25	SK-5	2.40	
25	060-231-11	Bearing Housing	1	15-BE2/CE2	FC	62.90	
26	025-252-19	Mechanical Seal	1	H-20A	SiC+CCBN	196.80	see 025-192-10
27	143-070-10	Pan Screw	2	M5x6	SWRM	0.20	
28	030-122-15	Retainer	1	H-20	SPC	4.70	
29	122-145-12	O-Ring (M.Frame/O.Casing)	1	G-170	NBR	6.80	*
30	029-264-16	Oil Casing	1	U-50-15	FC	124.30	
31	121-246-11	Gasket (Oil Plug)	1	d10.3xD16x2t	PE-sheet	0.80	*
32	035-124-12	Oil Plug	1	M10x15 (Socket Bolt, J=8)	SUS304	2.20	
33	121-398-19	Gasket (O.Casing/P.Casing)	1	d145xD165x3t	NBR	18.50	*
34	026-107-24	Oil Seal	1	DD-32488	NBR	6.40	
35	021-D95-13	Impeller (60Hz)	1	U-65-15-60Hz	FC	129.90	60Hz
35	021-D94-12	Impeller (50Hz)	1	U-65-15-50Hz	FC	129.90	50Hz
36	142-165-10	Spring Washer	1	M12	SUS304	0.60	
37	141-032-14	Acorn Nut	1	M12	SUS304	4.00	
38	020-794-13	Pump Casing	1	U-65-15	FC	196.80	
39	142-127-10	Washer	4	M8	SUS304	0.20	
40	140-056-11	Bolt	4	M8x30	SUS304	1.10	
<Discharge Bend Set> 3" Discharge (3" Orval Flange)							
41	048-137-18	Companion Flange 3" NPT	1	NPT-3" (P.C.140)	FC	39.00	
42	140-099-16	Bolt	2	M12x40	SUS304	3.10	
43	121-137-18	Gasket (Companion Flange)	1	MBT (P.C.140)	NR	2.60	*
44	037-118-19	Discharge Bend	1	80mm (123-17)	FC	92.60	
45	140-123-10	Bolt	4	M16x35	SUS304	5.00	
46	121-152-19	Gasket (Discharge Bend)	1	145mmSQ (P.C.145)	NBR	5.00	*
<Gasket O-Ring Set>							
	173-464-18	Gasket O-Ring Set	1set	(*)		33.70	
29	122-145-12	O-Ring (M.Frame/O.Casing)	1	G-170	NBR	6.80	*
31	121-246-11	Gasket (Oil Plug)	1	d10.3xD16x2t	PE-sheet	0.80	*
33	121-398-19	Gasket (O.Casing/P.Casing)	1	d145xD165x3t	NBR	18.50	*
43	121-137-18	Gasket (Companion Flange)	1	MBT (P.C.140)	NR	2.60	*
46	121-152-19	Gasket (Discharge Bend)	1	145mmSQ (P.C.145)	NBR	5.00	*
		Lubricant		Turbine Oil#32 740 mL (25.0 floz)	(SAE 10W-20)		
		Parts for guide rail fittings are shown in the following Control No.					
		TOS3-80x80 (TOS3-4-1-1)					
		TOS6-65x80 (TOS6-2-1-1)					
<Option for Longer Cable>							
1	001-803-33	Power Cable 50'	1	LBT, AWG 16/4 x 50'	VCT	134.20	

* Indicates items included in set



MODEL 80U21.5-61

Parts List		Sewage Pumps		Control No: IU-30-2-1		Date: 03-18-2005	
ITEM	PARTS No.	DESCRIPTION	Q'TY	SIZE	MATERIAL	PRICE (\$)	NOTES
1	001-803-62	Power Cable 100'	1	LBT, AWG 16/4 x 100'	VCT	272.30	
1	001-803-20-150FT	Power Cable 150'	1	LBT, AWG 16/4 x 150'	VCT	438.10	

