

Parts List	Dewatering Pumps	LH-3-3-1 & LH-4-3-1
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ITEM	PARTS No.	DESCRIPTION	Q'TY	SIZE	MATERIAL	NOTES
1	141-005-18	Nut	3	M8	SUS304	
2	010-143-10	Cable Clip	2	No.5	SPC	
3	140-054-19	Bolt	3	M8x20	SUS304	
4	001-302-11 (50')	Power Cable 50'	1	AWG4/4 x 50'	2PNCT.F	
5	011-110-11	Shackle	1	6mm	SS	
6	095-132-19	Chain	1	d4(6-Link)	SS	
7	072-103-23	Lifting Eye Bolt	2	M24	SUS304	
8	140-056-53	Bolt	4	M8x30 (All Thread)	SUS304	
9	141-005-18	Nut	4	M8	SUS304	
10	003-164-15	Gland	1	KRS-819/822	FC	
11	004-134-19	Cable Bushing	1	d33xD58.5x24L	NBR	
12	005-123-18	Bushing Washer	1	d35xD57x3.2t	SPC	
13	140-076-17	Bolt	4	M10x30	SUS304	
14	142-164-19	Spring Washer	4	M10	SUS304	
15	006-119-27	Stuffing Box	1	KRS-8L	FC	
16	122-135-19	O-Ring (Stuffing Box)	1	G-120	NBR	*
17	008-132-19	Mould Cover	1	KRS-819/822(L)	NBR	
18	003-149-14	Lower Gland	1	No.5	FC	
19	140-033-12	Bolt	4	M6x16	SUS304	
20	141-004-46	Nut	3	M6	BSBM	
21	009-168-17	Terminal	3	R-22-S6	CU	
22	009-106-17	Terminal	3	R-8-6	CU	
23	140-029-31	Bolt	3	M6x10	BSBM	
24	002-115-18	Heat Shrink Tube	1	EVA(d16.5x1t)	\$/3.2ft	
25	002-116-19	Heat Shrink Tube	1	A4(d19x0.35t)	\$/3.2ft	
26	143-041-12	Pan Screw	1	M6x8	SWRM	
27	142-126-48	Washer	1	M6	BSBM	
28	009-168-17	Terminal	1	R-22-S6	CU	
LH422-51/61						
29	037-429-16	Discharge Pipe	1	LH422/430-51/61	FCD	LH422-51/61
29-1	048-139-10	Companion Flange 4" NPT	1	JIS10K x NPT-4"	FC	USA
29-2	121-106-18	Gasket (Companion Flange)	1	JIS10K x 100mm	NBR	USA
29-3	140-130-10	Bolt	8	M16x70	SUS304	USA
29-4	141-008-11	Nut	8	M16	SUS304	USA
29-5	142-166-11	Spring Washer	8	M16	SUS304	USA
34	140-097-14	Bolt	2	M12x30	SUS304	
35	142-165-10	Spring Washer	2	M12	SUS304	
36	127-287-12	Bend Stay	1	LH422/430-51/61 (Left)	SS	LH422-51/61
37	127-286-11	Bend Stay	1	LH422/430-51/61 (Right)	SS	LH422-51/61
38	140-097-14	Bolt	2	M12x30	SUS304	
39	142-165-10	Spring Washer	2	M12	SUS304	
LH622-51/61						
29	037-428-15	Discharge Pipe	1	LH619/622-51/61	FCD	LH622-51/61
29-1	048-140-14	Companion Flange 6" NPT	1	JIS10K x NPT-6"	FC	USA
29-2	121-108-10	Gasket (Companion Flange)	1	JIS10K x 150mm	NBR	USA
29-3	140-153-19	Bolt	8	M20x75	SUS304	USA
29-4	141-009-12	Nut	8	M20	SUS304	USA
29-5	142-168-13	Spring Washer	8	M20	SUS304	USA
34	140-097-14	Bolt	2	M12x30	SUS304	
35	142-165-10	Spring Washer	2	M12	SUS304	
35-1	142-129-12	Washer	2	M12	SUS304	
36	127-285-10	Bend Stay	1	LH619/622-51/61 (Left)	SS	LH622-51/61
37	127-284-19	Bend Stay	1	LH619/622-51/61 (Right)	SS	LH622-51/61
38	140-097-14	Bolt	2	M12x30	SUS304	
39	142-165-10	Spring Washer	2	M12	SUS304	
30	141-007-10	Nut	5	M12	SUS304	
31	142-165-10	Spring Washer	5	M12	SUS304	
32	121-374-19	Gasket (Discharge Pipe)	1	d140xD172x1t (5Holes)	T-sheet	*
33	144-420-38	Stud Bolt	5	M12x59 (22/24)	SUS304	
40	140-138-18	Bolt	6	M16x130	SUS304	
41	142-166-11	Spring Washer	6	M16	SUS304	
42	142-353-17	Seal Washer (M.Bracket Bolt)	6	SM-16	SUS+NBR	*
43	050-495-14	Motor Bracket	1	LH619-430-51/61	FC	
44	144-584-15	Set Screw	4	M12x16, Socket	SUS304	
45	122-157-17	O-Ring (M.Bracket/M.Frame)	1	G-260	NBR	*
46	121-593-16	Gasket (M.Bracket/Out.Cover)	1	LH619-430-51/61, L-ring	NBR	*

\* Indicates items included in set



# TSURUMI PUMP

MODEL LH4/622-61

Parts List		Dewatering Pumps		LH-3-3-1 & LH-4-3-1		
ITEM	PARTS No.	DESCRIPTION	Q'TY	SIZE	MATERIAL	NOTES
47	143-032-10	Pan Screw	2	M5x16	SWRM	
48	053-524-12	Motor Protector 200/220V-60HZ	1	KA316-NCXL00 (B.C)		see 053-308-18
48	053-388-12	Motor Protector 380V-50HZ	1	KA316-NSVL00 (B.C)		see 053-388-12
48	053-000-58	Motor Protector 400/440/460V-60HZ	1	KA316-NSTL00 (B.C)		see 053-424-11
48	053-000-57	Motor Protector 575V-60HZ	1	KA316-NEZL00 (B.C)		see 053-366-14
49	058-203-17	Lead Wire Prot. Plate	1	d108xD269x3.2T	SPHC	
50	122-127-18	O-Ring (U.Bearing)	1	G-80	NBR	*
51	142-199-26	Wave Washer	1	BWW-6307, D=80, T=0.45	SK-5	see 142-199-13 (OLD)
52	052-110-21	Ball Bearing (Upper)	1	6307ZZC3 (SRL Grease)		see 052-110-18 (OLD)
53	065-387-18	Outer Cover	1	LH619-430-51/61	SS	
54	121-593-16	Gasket (Out.Cover/B.Housing)	1	LH619-430-51/61, L-ring	NBR	*
55	056-422-18	Stator 200/220V-60HZ	1	GH-422 (200-50, 200/220-60)		
55	056-A59-10	Stator 380V-50HZ	1	GH-422 (380-50/60)		
55	056-A60-14	Stator 400/440/460V-60HZ	1	GH-422 (400/415-50, 400/440/460-60)		
55	056-A61-15	Stator 575V-50HZ	1	GH-422 (525-50, 575-60)		
56	064-572-19	Motor Frame	1	LH619-430-51/61	FC	
57	122-259-10	O-Ring (Stator Set Bolt)	1	12xd3	NBR	*
58	144-490-13	Stator Set Bolt	1	M12 (S=21)	SUS403	
59	122-153-13	O-Ring (M.Frame/B.Housing)	1	G-220	NBR	*
60	055-887-12	Rotor and Shaft	1	LH422/622-51/61		
61	147-064-13	Key	1	7x7x37.5L (R/C)	SUS	
62	140-033-25	Bolt	3	M6x16	SWRM	see 140-033-12
63	062-177-14	Bearing Cover	1	GH-422/430	SS	
64	052-142-22	Ball Bearing (Lower)	1set	6311ZZD2C3 (ENS Grease)		see 052-142-19 (OLD)
65	142-244-14	Bearing Washer	1	AW11	SPCC	
66	141-076-10	Bearing Nut	1	AN11	SS	
67	026-271-17	Oil Seal	1	SC-40588	NBR	
68	140-016-19	Bolt	2	M5x12	SUS304	see 140-016-22 (SUS316)
69	003-219-16	Gland	1	LH615-430-51/61	SPHC	
70	032-423-15	Bushing	1	D9.5x18.5L	NBR	
71	121-247-12	Gasket (Oil Plug)	2	d11.8xD18x2t	PE-sheet	*
72	035-113-18	Oil Plug	2	M12x14 (Socket Bolt, J=10)	SUS304	
73	144-584-15	Set Screw	4	M12x16, Socket	SUS304	
74	060-491-11	Bearing Housing	1	LH619-430-51/61	FC	
75	122-258-19	O-Ring (B.Housing/U.P.Casing)	1	395xd5	NBR	*
76	142-166-11	Spring Washer	4	M16	SUS304	
77	140-518-16	Socket Bolt	4	M16x170	SUS304	
78	122-129-10	O-Ring (B.Housing/Seal Housing)	1	G-90	NBR	*
79	028-170-11	Seal Housing	1	LH619-430-51/61	FC	
80	142-163-18	Spring Washer	4	M8	SUS304	
81	140-055-10	Bolt	4	M8x25	SUS304	
82	032-423-15	Bushing	1	D9.5x18.5L	NBR	
83	003-219-16	Gland	1	LH615-430-51/61	SPHC	
84	140-016-19	Bolt	2	M5x12	SUS304	see 140-016-22 (SUS316)
85	144-444-25	Stud Bolt	4	M16x100 (28/24)	SUS304	LH422-51/61
85	144-576-14	Stud Bolt	4	M16x120	SUS304	LH622-51/61
86	025-257-14	Mechanical Seal	1	H-35T	SiC	
87	143-070-23	Pan Screw	2	M5x6, w/ Scotch Grip	SWRM	
88	030-156-18	Oil Lifter	1	H-35(A)(T)	Resin	
89	143-070-10	Pan Screw	3	M5x6	SWRM	
90	030-150-12	Retainer	1	H-35(A)(T)	SPCC	
91	122-250-11	O-Ring (B.Housing/O.Casing)	1	230xd3.8	NBR	*
92	029-398-10	Oil Casing	1	LH619-430-51/61	FC	
93	142-164-19	Spring Washer	4	M10	SUS304	
94	140-076-17	Bolt	4	M10x30	SUS304	
95	020-000-33	Upper Pump Casing	1	LH619-430-51/61, Upp. (w/ Labyrinth Ring)	FCD	
95-1	026-292-14	Labyrinth Ring	1	d41xD66x10T	SUS304	
96	140-289-15	Socket Bolt	4	M10x40	SUS304	
97	122-258-19	O-Ring (U.P.Casing/L.P.Casing)	1	395xd5	NBR	*
98	071-000-03	Shaft Sleeve	1	d30xD40x22L	SUS403	
99	040-125-19	Impeller Shim	1	d31xD45.2x0.5t	SUS304	
100	021-R16-12	Impeller	1	LH422-61	HiCrFC	LH422-61 (60Hz)
100	021-R18-14	Impeller	1	LH622-61	HiCrFC	LH622-61 (60Hz)
100	021-R15-11	Impeller	1	LH422-51	HiCrFC	LH422-51 (50Hz)
100	021-R17-13	Impeller	1	LH622-51	HiCrFC	LH622-51 (50Hz)
101	047-106-28	Impeller Thread Cover	1	No.5 (26)	SUS304	047-106-15(OLD)

\* Indicates items included in set



# TSURUMI PUMP

MODEL LH4/622-61

Parts List		Dewatering Pumps		LH-3-3-1 & LH-4-3-1		
ITEM	PARTS No.	DESCRIPTION	Q'TY	SIZE	MATERIAL	NOTES
102	141-011-20	Nut	1	M24 (M=14)	SUS304	
103	141-035-17	Acorn Nut	1	M24	SUS304	
104	020-B74-11	Lower Pump Casing	1	LH422/430-51/61, Low.	FCD	LH422-51/61
104	020-B73-10	Lower Pump Casing	1	LH619/622-51/61, Low.	FCD	LH622-51/61
105	142-166-11	Spring Washer	4	M16	SUS304	
106	141-008-11	Nut	4	M16	SUS304	
107	142-165-10	Spring Washer	4	M12	SUS304	
108	144-573-11	Stud Bolt	4	M12x164 (22/22)	SUS403	
109	120-175-15	Gasket (S.Cover)		LH422/430-51/61	PE-sheet	LH422-51/61
109	120-176-16	Gasket (S.Cover)		LH619/622-51/61	PE-sheet	LH622-51/61
110	022-000-09	Suction Cover	1	LH615/422/430-51/61 (w/ Mouth Ring)	FC	LH422-51/61
110	022-000-10	Suction Cover	1	LH619/622-51/61 (w/ Mouth Ring)	FC	LH622-51/61
110-1	034-120-15	Mouth Ring	1	GH-615/422/430, d100xD130x10T	HiCrFC	LH422-51/61
110-1	034-499-18	Mouth Ring	1	LH619/622-51/61, d125xD155x10T	HiCrFC	LH622-51/61
111	142-164-19	Spring Washer	4	M10	SUS304	
112	140-075-16	Bolt	4	M10x25	SUS304	
113	023-545-16	Suction Strainer	1	LH422/430-51/61	SS	LH422-51/61
113	023-544-15	Suction Strainer	1	LH619/622-51/61	SS	LH622-51/61
114	142-165-10	Spring Washer	4	M12	SUS304	
115	141-007-10	Nut	4	M12	SUS304	
116	141-007-10	Nut	4	M12	SUS304	
117	142-165-10	Spring Washer	4	M12	SUS304	
118	142-129-12	Washer	4	M12	SUS304	
119	043-102-19	Cathodic Prot. Plate	4	AB-1HS	AL	
120	140-096-13	Bolt	4	M12x25	SUS304	
	173-000-21	Gasket O-Ring Set	1set	(*)		
16	122-135-19	O-Ring (Stuffing Box)	1	G-120	NBR	*
32	121-374-19	Gasket (Discharge Pipe)	1	d140xD172x1t (5Holes)	T-sheet	*
42	142-353-17	Seal Washer (M.Bracket Bolt)	6	SM-16	SUS+NBR	*
45	122-157-17	O-Ring (M.Bracket/M.Frame)	1	G-260	NBR	*
46	121-593-16	Gasket (M.Bracket/Out.Cover)	1	LH619-430-51/61, L-ring	NBR	*
50	122-127-18	O-Ring (U.Bearing)	1	G-80	NBR	*
54	121-593-16	Gasket (Out.Cover/B.Housing)	1	LH619-430-51/61, L-ring	NBR	*
57	122-259-10	O-Ring (Stator Set Bolt)	1	12xd3	NBR	*
59	122-153-13	O-Ring (M.Frame/B.Housing)	1	G-220	NBR	*
71	121-247-12	Gasket (Oil Plug)	2	d11.8xD18x2t	PE-sheet	*
75	122-258-19	O-Ring (B.Housing/U.P.Casing)	1	395xd5	NBR	*
78	122-129-10	O-Ring (B.Housing/Seal Housing)	1	G-90	NBR	*
91	122-250-11	O-Ring (B.Housing/O.Casing)	1	230xd3.8	NBR	*
97	122-258-19	O-Ring (U.P.Casing/L.P.Casing)	1	395xd5	NBR	*
		Lubricant		Turbine Oil#32 6,900 mL (233 floz)	(SAE 10W-20)	

\* Indicates items included in set