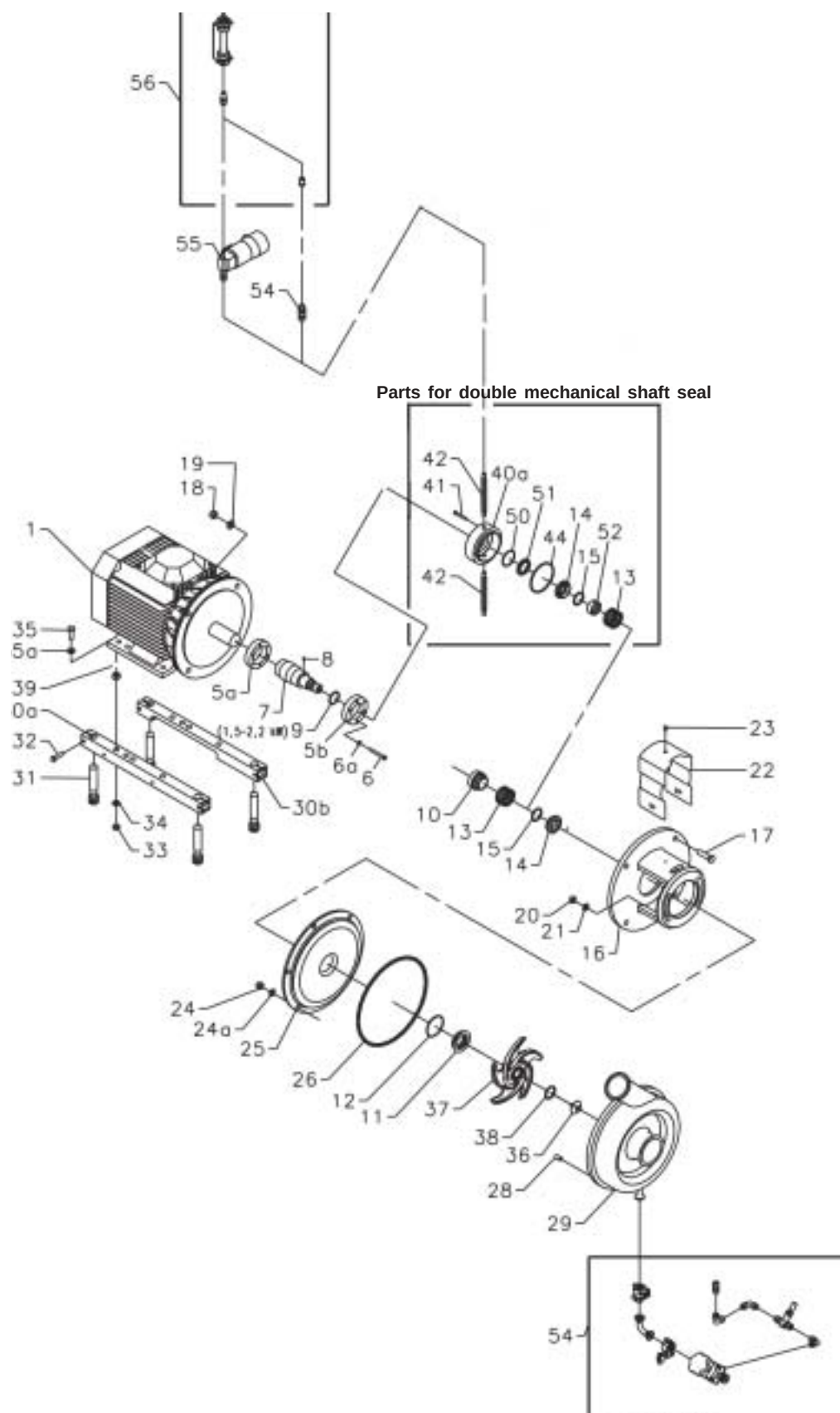


LKH UltraPure-10 Centrifugal Pump

Single and Double Mechanical Shaft Seal



LKH UltraPure-10 Centrifugal Pump

Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
1	1	Motor			
5a	1	Compression ring with thread.....	9612-13-3601	9612-13-3602	9612-13-3606
5b	1	Compression ring without thread.....	9612-13-3701	9612-13-3702	9612-13-3706
6	6	Screw	9611-99-3196	9611-99-3196	9611-99-3197
6a	6	Washer	9611-99-3199	9611-99-3199	9611-99-3199
7	1	Stub shaft	9612-13-3002	9612-13-3102	9612-13-3202
8	1	Connex pin.....	9611-99-0622	9611-99-0622	9611-99-0622
9	1	Retaining ring	9611-99-2307	N/A	N/A
10	1	Drive ring - single shaft seal.....	9612-13-7701	9612-13-7701	9612-13-7701
11→◆□○◇	1	Stationary seal ring, SC Heat Traceable.....	9612-13-7903	9612-13-7903	9612-13-7903
12→◆□○◇	1	Stationary O-ring, EPDM USP Class VI.....	9613-60-1239	9613-60-1239	9613-60-1239
	1	Stationary O-ring, FPM	9611-99-2150	9611-99-2150	9611-99-2150
	1	Stationary O-ring, PTFE.....	9611-99-2152	9611-99-2152	9611-99-2152
13→◆□○◇	1	Spring for Single Seal	9612-13-7601	9612-13-7601	9612-13-7601
	1	Spring for Double Seal	9612-13-7602	9612-13-7602	9612-13-7602
14→□○	1	Rotating seal ring, SC Heat Traceable	9612-13-6403	9612-13-6403	9612-13-6403
◆◇	2	Rotating seal ring, SC Heat Traceable (Dbl. Seal).....	9612-13-6403	9612-13-6403	9612-13-6403
15→□○	1	Rotating O-ring, EPDM USP Class VI	9613-60-1238	9613-60-1238	9613-60-1238
	1	Rotating O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146
	1	Rotating O-ring, PTFE	9611-99-2148	9611-99-2148	9611-99-2148
	2	Rotating O-ring, EPDM (Double Seal), USP Class VI.....	9613-60-1238	9613-60-1238	9613-60-1238
	2	Rotating O-ring, FPM (Double Seal)	9611-99-2146	9611-99-2146	9611-99-2146
	2	Rotating O-ring, PTFE (Double Seal).....	9611-99-2148	9611-99-2148	9611-99-2148
16	1	Adaptor.....	9612-13-5910	9612-13-5911	9612-13-5912
17	4	Adaptor screw.....	180148	180148	180148
19	4	Adaptor spring washer	189971	189971	189971
20	2	Adaptor nut.....	9611-99-0353	9611-99-0353	9611-99-0353
21	2	Washer	9611-99-2559	9611-99-2559	9611-99-2559
22	1	Safety guard.....	9612-12-9703	9612-13-1106	9612-13-1110
23	1	Safety guard screw	9611-99-2544	9611-99-2544	9611-99-2544
24	6	Wingnuts.....	9611-41-6891	9611-41-6891	9611-41-6891
24a	2	Spring washer	9611-99-1887	9611-99-1887	9611-99-1887
24a	6	Spring washer	9611-99-1888	9611-99-1888	9611-99-1888
25	1	Backplate, 20RA Mech/EP + Heat Traceable	9612-63-3206	9612-63-3206	9612-63-3206
26□○◇	1	Joint ring, EPDM USP Class VI.....	9613-60-1240	9613-60-1240	9613-60-1240
	1	Joint ring, FPM	9611-99-2138	9611-99-2138	9611-99-2138
	1	Joint ring, PTFE	9611-99-2140	9611-99-2140	9611-99-2140
28	6	Stud bolt	9611-99-2168	9611-99-2168	9611-99-2168
29	1	Pump casing.....	-----Contact Sales-----		
30a-35	1	Leg assembly	481656	481661	481663
36	1	Impeller screw, 20RA Mech/EP + Heat Traceable	9612-13-9610	9612-13-9610	9612-13-9610
37	1	Impeller, 20RA Mech/EP + Heat Traceable	-----Contact Sales-----		
38□○◇	1	Impeller O-ring, EPDM, USP Class VI	9613-60-1238	9613-60-1238	9613-60-1238
	1	Impeller O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146
	1	Impeller O-ring, PTFE	9611-99-2148	9611-99-2148	9611-99-2148
40a	1	Seal housing - double mechanical.....	9612-13-3902	9612-13-3902	9612-13-3902
41	2	Screw for seal housing	9611-99-0203	9611-99-0203	9611-99-0203
42	2	Water flush pipe	9612-35-8901	9612-35-8901	9612-35-8901
44◆○◇	1	Seal housing O-ring.....	9611-99-2153	9611-99-2153	9611-99-2153
50◆◇	1	O-ring, EPDM USP Class VI	9634-06-8629	9634-06-8629	9634-06-8629
51◆◇	1	Sec. stationary seal ring, SC.....	9612-13-8302	9612-13-8302	9612-13-8302
52◆◇	1	Drive Ring - Double Seal	9612-30-8901	9612-30-8901	9612-30-8901
54-56	1	Flushing Set, ½" Viton	9613-60-0263	9613-60-0263	9613-60-0263
	1	Flushing Set, ½" EPDM	9634-07-5242	9634-07-5242	9634-07-5242

Parts marked with →, ◆ are included in the seal kits.

Parts marked with →, ◆, □, ○, ◇ are included in the service kits.

Recommended Spare Parts: Service kits

LKH UltraPure-10 Centrifugal Pump

Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	1-40 Hp Part No.
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Seal Kit for Single Shaft Seal

→	1	SC/SC seal kit with Heat Marking, EPDM (USP Class VI)	9612-6046-05
→	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-07
→	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-08

Seal Kit for Double Mechanical Shaft Seal

◆	1	SC/SC seal kit with Heat Marking, EPDM (USP Class VI)	9612-6046-17
◆	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-19
◆	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-20

Parts marked with →, ◆ are included in the seal kits.

Service Kit for Single Shaft Seal

□	1	Service kit with Heat Marking, EPDM (USP Class VI)	9611-92-2339
□	1	Service kit with Heat Marking, FPM	9611-92-2338
□	1	Service kit with Heat Marking, PTFE	9611-92-2340

Service Kit for Double Mechanical Shaft Seal

◇	1	Service kit with Heat Marking, EPDM (USP Class VI)	9611-92-2345
◇	1	Service kit with Heat Marking, FPM	9611-92-2344
◇	1	Service kit with Heat Marking, PTFE	9611-92-2346

Parts marked with →, ◆, □, ○, ◇ are included in the service kits.

Conversion Kits

1	Single to double mechanical shaft seal	9611-92-2407
(The conversion kit contains Pos. 13, 14, 15, 40a, 41, 42, 44, 50, 51, and 52)		

Accessories

1	Tool complete	9612-90-3601
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Surface Roughness, Product Wetted Parts: 15 Ra Electropolish finish with heat marking

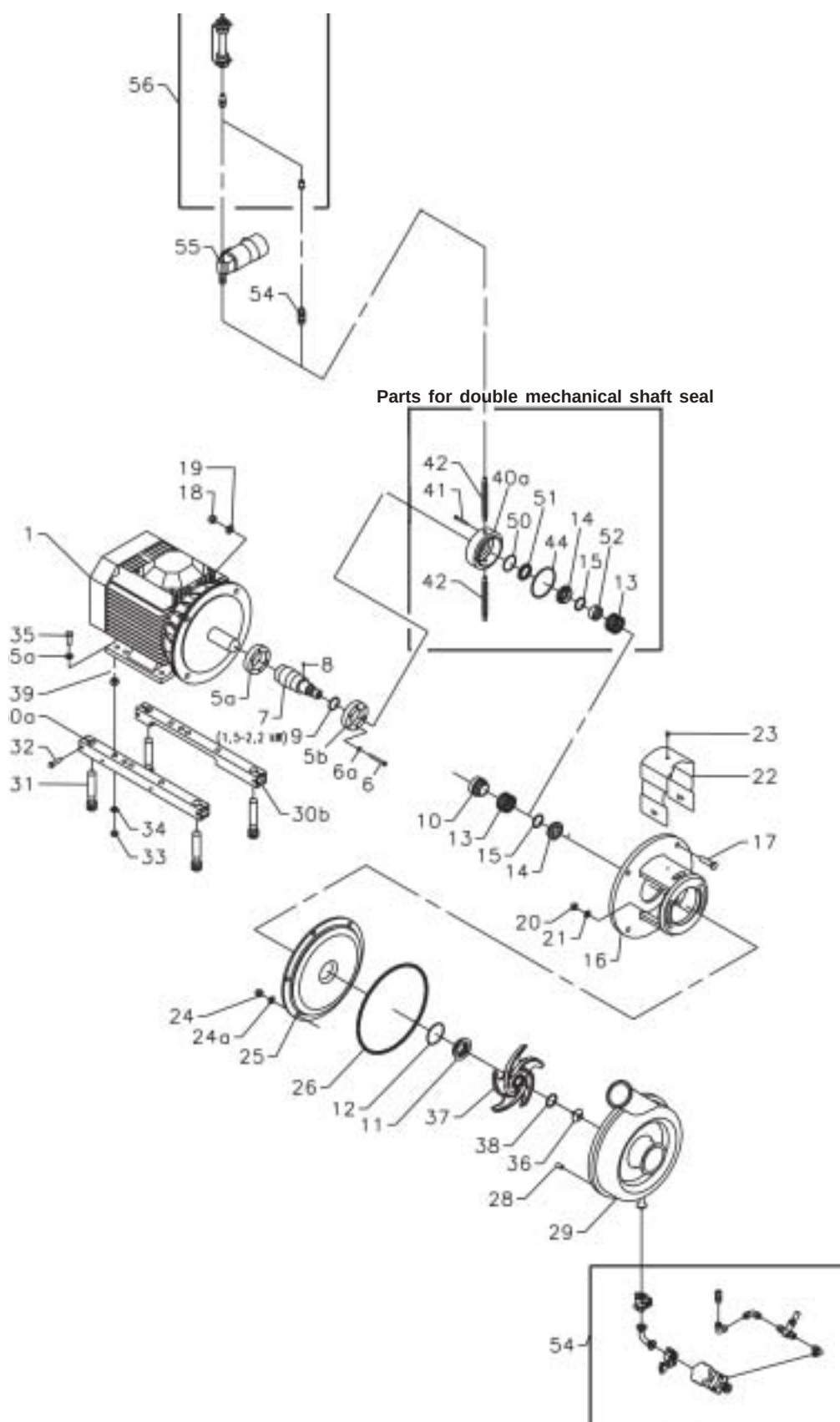
Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplate with Heat Marking	9634-08-2342	9634-08-2342	9634-08-2342
29	1	Pump Casing, TC ½" Drain with Heat Marking	Contact Sales		
36	1	Impeller Screw with Heat Marking	9634-08-2402	9634-08-2402	9634-08-2402
37	1	Impeller with Heat Marking	Contact Sales		

Surface Roughness, Product Wetted Parts: 20 Ra Mechanical Finish with Heat Marking

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplate with Heat Marking	9612-63-3201	9612-63-3201	9612-63-3201
29	1	Pump Casing, TC ½" Drain with Heat Marking	Contact Sales		
36	1	Impeller Screw with Heat Marking	9612-7070-03	9612-7070-03	9612-7070-03
37	1	Impeller with Heat Marking	9612-1312-06	9612-1312-06	9612-1312-06

Recommended Spare Parts: Service kits

LKH UltraPure-20 Centrifugal Pump Single and Double Mechanical Shaft Seal



LKH UltraPure-20 Centrifugal Pump

Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.	15-20 Hp Part No.
1	1	Motor				
5a	1	Compression ring with thread.....	9612-13-3601	9612-13-3602	9612-13-3606	9612-13-3603
5b	1	Compression ring without thread.....	9612-13-3701	9612-13-3702	9612-13-3706	9612-13-3703
6	6	Screw	9611-99-3196	9611-99-3196	9611-99-3197	9611-99-3197
6a	6	Washer	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199
7	1	Stub shaft	9612-13-3002	9612-13-3102	9612-13-3202	9612-13-3302
8	1	Connex pin	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622
9	1	Retaining ring	9611-99-2307	N/A	N/A	N/A
10	1	Drive ring - single shaft seal.....	9612-13-7701	9612-13-7701	9612-13-7701	9612-13-7701
11→◆□○◇	1	Stationary seal ring, SC Heat Traceable.....	9612-13-7903	9612-13-7903	9612-13-7903	9612-13-7903
12→◆□○◇	1	Stationary O-ring, EPDM, USP Class VI.....	9613-60-1239	9613-60-1239	9613-60-1239	9613-60-1239
	1	Stationary O-ring, FPM.....	9611-99-2150	9611-99-2150	9611-99-2150	9611-99-2150
	1	Stationary O-ring, PTFE.....	9611-99-2152	9611-99-2152	9611-99-2152	9611-99-2152
13→◆□○◇	1	Spring for Single Seal.....	9612-13-7601	9612-13-7601	9612-13-7601	9612-13-7601
		Spring for Double Seal	9612-13-7602	9612-13-7602	9612-13-7602	9612-13-7602
14→□○	1	Rotating seal ring, SC Heat Traceable	9612-13-6403	9612-13-6403	9612-13-6403	9612-13-6403
◆◇	2	Rotating seal ring, SC Heat Traceable (Dbl. Seal).....	9612-13-6403	9612-13-6403	9612-13-6403	9612-13-6403
15→□○	1	Rotating O-ring, EPDM USP Class VI	9613-60-1238	9613-60-1238	9613-60-1238	9613-60-1238
	1	Rotating O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-2146
	1	Rotating O-ring, PTFE	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-2148
◆◇	2	Rotating O-ring, EPDM (Double Seal) USP Class VI.....	9613-60-1238	9613-60-1238	9613-60-1238	9613-60-1238
	2	Rotating O-ring, FPM (Double Seal).....	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-2146
	2	Rotating O-ring, PTFE (Double Seal).....	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-2148
16	1	Adaptor.....	9612-13-5910	9612-13-5911	9612-13-5912	9612-13-5913
17	4	Adaptor screw	180148	180148	180148	180148
19	4	Adaptor spring washer.....	189971	189971	189971	189971
20	2	Adaptor nut.....	9611-99-0353	9611-99-0353	9611-99-0353	9611-99-0353
21	2	Washer	9611-99-2559	9611-99-2559	9611-99-2559	9611-99-2559
22	1	Safety guard.....	9612-12-9703	9612-13-1106	9612-13-1110	9612-13-1108
23	1	Safety guard screw	9611-99-2544	9611-99-2544	9611-99-2544	9611-99-2544
24	6	Wingnuts.....	9611-41-6891	9611-41-6891	9611-41-6891	9611-41-6891
24a	2	Spring washer.....	9611-99-1887	9611-99-1887	9611-99-1887	9611-99-1887
24a	6	Spring washer	9611-99-1888	9611-99-1888	9611-99-1888	9611-99-1888
25	1	Backplate,20RA Mech/EP + Heat Traceable	9612-63-3207	9612-63-3207	9612-63-3207	9612-63-3207
26□○◇	1	Joint ring, EPDM, USP Class VI.....	9613-60-2569	9613-60-2569	9613-60-2569	9613-60-2569
	1	Joint ring, FPM.....	9611-99-2142	9611-99-2142	9611-99-2142	9611-99-2142
	1	Joint ring, PTFE.....	9611-99-2144	9611-99-2144	9611-99-2144	9611-99-2144
28	6	Stud bolt	9611-99-2168	9611-99-2168	9611-99-2168	9611-99-2168
29	1	Pump casing.....		Contact Sales-----		
30a-35	1	Leg assembly.....	481656	481661	481663	481665
36	1	Impeller screw, 20RA Mech/EP + Heat Traceable.....	9612-13-9610	9612-13-9610	9612-13-9610	9612-13-9610
37	1	Impeller, 20RA Mech/EP + Heat Traceable	9612-13-1415	9612-13-1415	9612-13-1415	9612-13-1415
38□○◇	1	Impeller O-ring, EPDM USP Class VI	9613-60-1238	9613-60-1238	9613-60-1238	9613-60-1238
	1	Impeller O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-2146
	1	Impeller O-ring, PTFE	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-2148
40a	1	Seal housing - double mechanical.....	9612-13-3902	9612-13-3902	9612-13-3902	9612-13-3902
41	2	Screw for seal housing.....	9611-99-0203	9611-99-0203	9611-99-0203	9611-99-0203
42	2	Water flush pipe	9612-35-8901	9612-35-8901	9612-35-8901	9612-35-8901
44◆○◇	1	Seal housing O-ring.....	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
50◆◇	1	O-ring, EPDM USP Class VI	9634-06-8929	9634-06-8929	9634-06-8929	9634-06-8929
51◆◇	1	Sec. stationary seal ring, SC	9612-13-8302	9612-13-8302	9612-13-8302	9612-13-8302
52◆◇	1	Drive Ring - Double Seal	9612-30-8901	9612-30-8901	9612-30-8901	9612-30-8901
54-56	1	Flushing Set, ½" Viton	9613-6002-63	9613-6002-63	9613-6002-63	9613-6002-63
	1	Flushing Set, ½" EPDM.....	9634-07-5242	9634-07-5242	9634-07-5242	9634-07-5242

Parts marked with →, ◆ are included in the seal kits.

Parts marked with →, ◆, □, ○, ◇ are included in the service kits.

Recommended Spare Parts: Service kits

LKH UltraPure-20 Centrifugal Pump Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	1-40 Hp Part No.
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Seal Kit for Single Shaft Seal

→	1	SC/SC seal kit with Heat Marking, EPDM USP Class VI	9612-6046-05
→	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-07
→	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-08

Seal Kit for Double Mechanical Shaft Seal

◆	1	SC/SC seal kit with Heat Marking, EPDM USP Class VI	9612-6046-17
◆	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-19
◆	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-20

Parts marked with →, ◆ are included in the seal kits.

Service Kit for Single Shaft Seal

□	1	Service kit with Heat Marking, EPDM USP Class VI.....	9611-92-2357
□	1	Service kit with Heat Marking, FPM	9611-92-2356
□	1	Service kit with Heat Marking, PTFE.....	9611-92-2358

Service Kit for Double Mechanical Shaft Seal

◇	1	Service kit with Heat Marking, EPDM USP Class VI.....	9611-92-2363
◇	1	Service kit with Heat Marking, FPM	9611-92-2362
◇	1	Service kit with Heat Marking, PTFE	9611-92-2364

Parts marked with →, ◆, □, ◇ are included in the service kits.

Conversion Kits

1	Single to double mechanical shaft seal	9611-92-2407
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(The conversion kit contains Pos. 13, 14, 15, 40a, 41, 42, 44, 50, 51, and 52)

Accessories

1	Tool complete.....	9612-90-3601
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Surface Roughness, Product Wetted Parts: 15 Ra Electropolish finish with heat marking

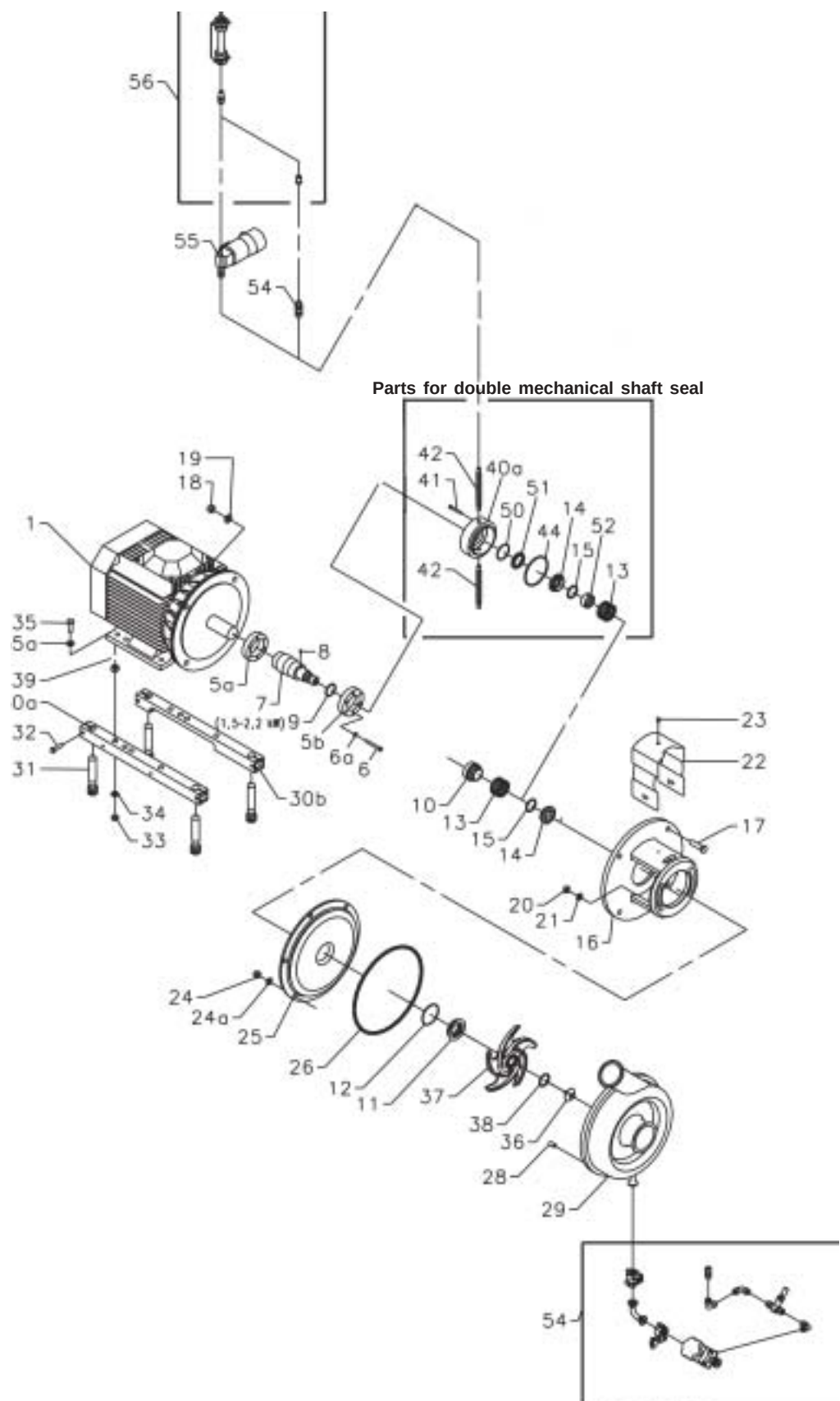
Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplatewith Heat Marking	-----	Contact Sales-----	-----
29	1	Pump Cas ing, TC ½" Drain with Heat Marking.....	-----	Contact Sales-----	-----
36	1	Impeller Screw with Heat Marking	9634-08-2402	9634-08-2402	9634-08-2402
37	1	Impeller with Heat Marking.....	-----	Contact Sales-----	-----

Surface Roughness, Product Wetted Parts: 20 Ra Mechanical Finish with Heat Marking

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplate with Heat Marking	9612-63-3202	9612-63-3202	9612-63-3202
29	1	Pump Casing, TC ½" Drain with Heat Marking.....	-----	Contact Sales-----	-----
36	1	Impeller Screw with Heat Marking	9612-70-7003	9612-70-7003	9612-70-7003
37	1	Impeller with Heat Marking.....	9612-13-1406	9612-13-1406	9612-13-1406

Recommended Spare Parts: Service kits

LKH UltraPure-25 Centrifugal Pump
Single and Double Mechanical Shaft Seal



LKH UltraPure-25 Centrifugal Pump

Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	3-5 Hp Part No.	7.5-10 Hp Part No.	15-20 Hp Part No.
1	1	Motor			
5a	1	Compression ring with thread	9612-13-3602	9612-13-3606	9612-13-3603
5b	1	Compression ring without thread	9612-13-3702	9612-13-3706	9612-13-3703
6	6	Screw	9611-99-3196	9611-99-3197	9611-99-3197
6a	6	Washer	9611-99-3199	9611-99-3199	9611-99-3199
7	1	Stub shaft	9612-13-3102	9612-13-3202	9612-13-3302
8	1	Connex pin	9611-99-0622	9611-99-0622	9611-99-0622
10	1	Drive ring - single shaft seal	9612-13-7701	9612-13-7701	9612-13-7701
11→◆□○◇	1	Stationary seal ring, SC Heat Traceable	9612-13-7903	9612-13-7903	9612-13-7903
12→◆□○◇	1	Stationary O-ring, EPDM USP Class VI	9613-60-1239	9613-60-1239	9613-60-1239
	1	Stationary O-ring, FPM	9611-99-2150	9611-99-2150	9611-99-2150
	1	Stationary O-ring, PTFE	9611-99-2152	9611-99-2152	9611-99-2152
13→◆□○◇	1	Spring for Single Seal.....	9612-13-7601	9612-13-7601	9612-13-7601
	1	Spring for Double Seal	9612-13-7602	9612-13-7602	9612-13-7602
14→□○	1	Rotating seal ring, SC Heat Traceable.....	9612-13-6403	9612-13-6403	9612-13-6403
◆◇	2	Rotating seal ring, SC Heat Traceable (Dbl. seal).....	9612-13-6403	9612-13-6403	9612-13-6403
15→□○	1	Rotating O-ring, EPDM USP Class VI.....	9613-60-1238	9613-60-1238	9613-60-1238
	1	Rotating O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146
	1	Rotating O-ring, PTFE.....	9611-99-2148	9611-99-2148	9611-99-2148
◆◇	2	Rotating O-ring, EPDM, (Double Seal) USP Class VI	9613-60-1238	9613-60-1238	9613-60-1238
	2	Rotating O-ring, FPM, (Double Seal)	9611-99-2146	9611-99-2146	9611-99-2146
	2	Rotating O-ring, PTFE, (Double Seal)	9611-99-2148	9611-99-2148	9611-99-2148
16	1	Adaptor	9612-13-5911	9612-13-5912	9612-13-5913
17	4	Adaptor screw	180148	180148	180148
19	4	Adaptor spring washer.....	189971	189971	189971
20	2	Adaptor nut	9611-99-0353	9611-99-0353	9611-99-0353
21	2	Washer	9611-99-2559	9611-99-2559	9611-99-2559
22	1	Safety guard	9612-13-1106	9612-13-1110	9612-13-1108
23	1	Safety guard screw	9611-99-2544	9611-99-2544	9611-99-2544
24	6	Wingnuts	9611-41-6892	9611-41-6892	9611-41-6892
24a	8	Spring washer.....	9611-99-1887	9611-99-1887	9611-99-1887
25	1	Backplate, 20RA Mech/EP + Heat Traceable.....	9612-63-3208	9612-63-3208	9612-63-3208
26□○◇	1	Joint ring, EPDM USP Class VI	9634-05-9841	9634-05-9841	9634-05-9841
	1	Joint ring, FPM	9611-99-2985	9611-99-2985	9611-99-2985
	1	Joint ring, PTFE	9611-99-2986	9611-99-2986	9611-99-2986
28	6	Stud bolt.....	9611-99-2169	9611-99-2169	9611-99-2169
29	1	Pump casing	Contact Sales-----		
30a-35	1	Leg assembly	481661	481663	481665
36	1	Impeller screw, 20RA Mech/EP + Heat Traceable	9612-13-9610	9612-13-9610	9612-13-9610
37	1	Impeller, 20RA Mech/EP + Heat Traceable.....	9612-42-5213	9612-42-5213	9612-42-5213
38□○◇	1	Impeller O-ring, EPDM USP Class VI.....	9613-60-1238	9613-60-1238	9613-60-1238
	1	Impeller O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146
	1	Impeller O-ring, PTFE.....	9611-99-2148	9611-99-2148	9611-99-2148
40a	1	Seal housing - double mechanical	9612-13-3902	9612-13-3902	9612-13-3902
41	2	Screw for seal housing.....	9611-99-0203	9611-99-0203	9611-99-0203
42	2	Water flush pipe.....	9612-35-8901	9612-35-8901	9612-35-8901
44◆○◇	1	Seal housing O-ring	9611-99-2153	9611-99-2153	9611-99-2153
50◆◇	1	O-ring, EPDM USP Class VI.....	9634-06-8629	9634-06-8629	9634-06-8629
51◆◇	1	Sec. stationary seal ring, SC	9612-13-8302	9612-13-8302	9612-13-8302
52◆◇	1	Drive Ring - Double Seal	9612-30-8901	9612-30-8901	9612-30-8901
54-56	1	Flushing Set, ½" Viton.....	9613-70-0950	9613-70-0950	9613-70-0950
	1	Flushing Set, ½" EPDM.....	9613-60-2868	9613-60-2868	9613-60-2868

Parts marked with →, ◆ are included in the seal kits.

Parts marked with →, ◆, □, ○, ◇ are included in the service kits.

Recommended Spare Parts: Service kits

LKH UltraPure-25 Centrifugal Pump

Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	1-40 Hp Part No.
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Seal Kit for Single Shaft Seal

→	1	SC/SC seal kit with Heat Marking, EPDM USP Class VI	9612-6046-05
→	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-07
→	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-08

Seal Kit for Double Mechanical Shaft Seal

♦	1	SC/SC seal kit with Heat Marking, EPDM USP Class VI	9612-6046-17
♦	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-19
♦	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-20

Parts marked with →, ♦ are included in the seal kits.

Service Kit for Single Shaft Seal

□	1	Service kit with Heat Marking, EPDM USP Class VI.....	9611-92-2375
□	1	Service kit with Heat Marking, FPM.....	9611-92-2374
□	1	Service kit with Heat Marking, PTFE.....	9611-92-2376

Service Kit for Double Mechanical Shaft Seal

◇	1	Service kit with Heat Marking, EPDM USP Class VI.....	9611-92-2381
◇	1	Service kit with Heat Marking, FPM.....	9611-92-2380
◇	1	Service kit with Heat Marking, PTFE.....	9611-92-2382

Parts marked with →, ♦, □, ◇ are included in the service kits.

Conversion Kits

1	Single to double mechanical shaft seal	9611-92-2407
(The conversion kit contains Pos. 13, 14, 15, 40a, 41, 42, 44, 50, 51, and 52)		

Accessories

1	Tool complete.....	9612-90-3601
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Surface Roughness, Product Wetted Parts: 15 Ra Electropolish finish with heat marking

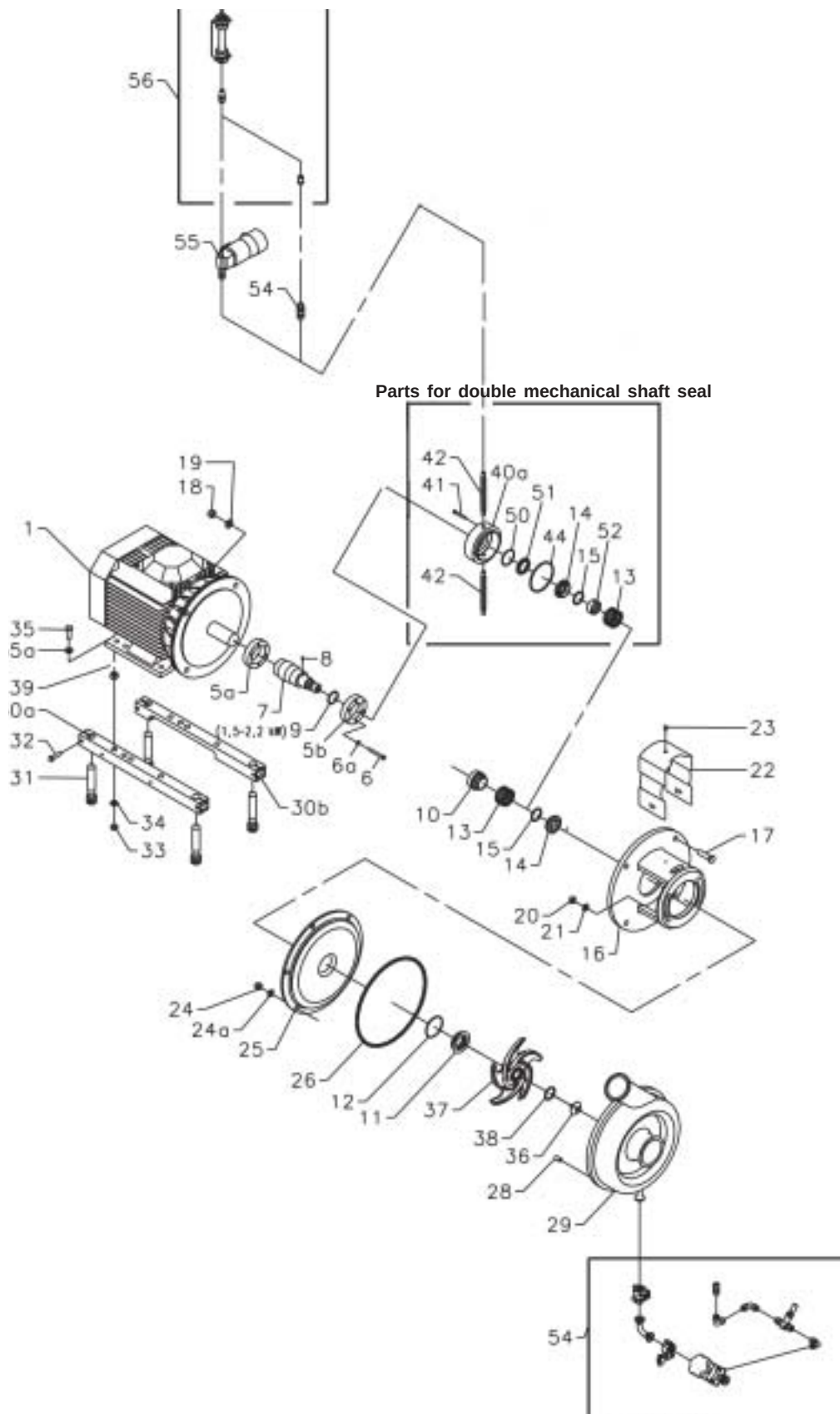
Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplate with Heat Marking	9634-08-5025	9634-08-5025	9634-08-5025
29	1	Pump Casing, TC ½" Drain with Heat Marking.....	Contact Sales-----		
36	1	Impeller Screw with Heat Marking	9634-08-2402	9634-08-2402	9634-08-2402
37	1	Impeller with Heat Marking.....	Contact Sales-----		

Surface Roughness, Product Wetted Parts: 20 Ra Mechanical Finish with Heat Marking

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplate with Heat Marking	9612-6332-04	9612-6332-04	9612-6332-04
29	1	Pump Casing, TC ½" Drain with Heat Marking.....	Contact Sales-----		
36	1	Impeller Screw with Heat Marking	9612-7070-03	9612-7070-03	9612-7070-03
37	1	Impeller with Heat Marking.....	9612-4252-06	9612-4252-06	9612-4252-06

Recommended Spare Parts: Service kits

LKH UltraPure-35 Centrifugal Pump Single and Double Mechanical Shaft Seal



LKH UltraPure-35 Centrifugal Pump

Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.	15-20 Hp Part No.
1	1	Motor				
5a	1	Compression ring with thread.....	9612-13-3601	9612-13-3602	9612-13-3606	9612-13-3603
5b	1	Compression ring without thread.....	9612-13-3701	9612-13-3702	9612-13-3706	9612-13-3703
6	6	Screw.....	9611-99-3196	9611-99-3196	9611-99-3197	9611-99-3197
6a	6	Washer.....	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199
7	1	Stub shaft.....	9612-13-3002	9612-13-3102	9612-13-3202	9612-13-3302
8	1	Connex pin.....	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622
10	1	Drive ring - single shaft seal.....	9612-13-7701	9612-13-7701	9612-13-7701	9612-13-7701
11→◆□○◇	1	Stationary seal ring, SC Heat Traceable.....	9612-13-7903	9612-13-7903	9612-13-7903	9612-13-7903
12→◆□○◇	1	Stationary O-ring, EPDM, USP Class VI.....	9613-60-1239	9613-60-1239	9613-60-1239	9613-60-1239
	1	Stationary O-ring, FPM.....	9611-99-2150	9611-99-2150	9611-99-2150	9611-99-2150
	1	Stationary O-ring, PTFE.....	9611-99-2152	9611-99-2152	9611-99-2152	9611-99-2152
13→◆□○◇	1	Spring for Single Seal.....	9612-13-7601	9612-13-7601	9612-13-7601	9612-13-7601
		Spring for Double Seal.....	9612-13-7602	9612-13-7602	9612-13-7602	9612-13-7602
14→□○	1	Rotating seal ring, SC Heat Traceable.....	9612-13-6403	9612-13-6403	9612-13-6403	9612-13-6403
◆◇	2	Rotating seal ring, SC Heat Traceable (Dbl. Seal).....	9612-13-6403	9612-13-6403	9612-13-6403	9612-13-6403
15→□○	1	Rotating O-ring, EPDM, USP Class VI.....	9613-60-1238	9613-60-1238	9613-60-1238	9613-60-1238
	1	Rotating O-ring, FPM.....	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-2146
	1	Rotating O-ring, PTFE.....	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-2148
◆◇	2	Rotating O-ring, EPDM (double seal), USP Class VI.....	9613-60-1238	9613-60-1238	9613-60-1238	9613-60-1238
	2	Rotating O-ring, FPM (double seal).....	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-2146
	2	Rotating O-ring, PTFE (double seal).....	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-2148
16	1	Adaptor.....	9612-13-5910	9612-13-5911	9612-13-5912	9612-13-5913
17	4	Adaptor screw.....	180148	180148	180148	180148
19	4	Adaptor spring washer.....	189971	189971	189971	189971
20	2	Adaptor nut.....	9611-99-0353	9611-99-0353	9611-99-0353	9611-99-0353
21	2	Washer.....	9611-99-2559	9611-99-2559	9611-99-2559	9611-99-2559
22	1	Safety guard.....	9612-12-9703	9612-13-1106	9612-13-1110	9612-13-1108
23	1	Safety guard screw.....	9611-99-2544	9611-99-2544	9611-99-2544	9611-99-2544
24	6	Wingnuts.....	9611-41-6892	9611-41-6892	9611-41-6892	9611-41-6892
24a	8	Spring washer.....	9611-99-1887	9611-99-1887	9611-99-1887	9611-99-1887
25	1	Backplate, 20RA Mech/EP + Heat Traceable.....	9612-63-3208	9612-63-3208	9612-63-3208	9612-63-3208
26□○◇	1	Joint ring, EPDM, USP Class VI.....	9634-05-9841	9634-05-9841	9634-05-9841	9634-05-9841
	1	Joint ring, FPM.....	9611-99-2985	9611-99-2985	9611-99-2985	9611-99-2985
	1	Joint ring, PTFE.....	9611-99-2986	9611-99-2986	9611-99-2986	9611-99-2986
28	6	Stud bolt.....	9611-99-2169	9611-99-2169	9611-99-2169	9611-99-2169
29	1	Pump casing.....	-----Contact Sales-----			
30a-35	1	Leg assembly.....	481656	481661	481663	481665
36	1	Impeller screw, 20RA Mech/EP + Heat Traceable.....	9612-13-9610	9612-13-9610	9612-13-9610	9612-13-9610
37	1	Impeller, 20RA Mech/EP + Heat Traceable.....	9612-43-4113	9612-43-4113	9612-43-4113	9612-43-4113
38□○◇	1	Impeller O-ring, EPDM USP Class VI.....	9613-60-1238	9613-60-1238	9613-60-1238	9613-60-1238
	1	Impeller O-ring, FPM.....	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-2146
	1	Impeller O-ring, PTFE.....	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-2148
40a	1	Seal housing - double mechanical.....	9612-13-3902	9612-13-3902	9612-13-3902	9612-13-3902
41	2	Screw for seal housing.....	9611-99-0203	9611-99-0203	9611-99-0203	9611-99-0203
42	2	Water flush pipe.....	9612-35-8901	9612-35-8901	9612-35-8901	9612-35-8901
44→◆□○◇	1	Seal housing O-ring.....	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
50◆◇	1	O-ring, EPDM USP Class VI.....	9634-06-8629	9634-06-8629	9634-06-8629	9634-06-8629
51◆◇	1	Sec. stationary seal ring, SC.....	9612-13-8302	9612-13-8302	9612-13-8302	9612-13-8302
52◆◇	1	Drive Ring - Double Seal.....	9612-30-8901	9612-30-8901	9612-30-8901	9612-30-8901
54-56	1	Flushing Set, ½" Viton.....	9613-70-0950	9613-70-0950	9613-70-0950	9613-70-0950
	1	Flushing Set, ½" EPDM.....	9613-60-2868	9613-60-2868	9613-60-2868	9613-60-2868

Parts marked with →, ◆ are included in the seal kits.

Parts marked with →, ◆, □, ○, ◇ are included in the service kits.

Recommended Spare Parts: Service kits

LKH UltraPure-35 Centrifugal Pump Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	1-40 Hp Part No.
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Seal Kit for Single Shaft Seal

→	1	SC/SC seal kit with Heat Marking, EPDM USP Class VI	9612-6046-05
→	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-07
→	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-08

Seal Kit for Double Mechanical Shaft Seal

◆	1	SC/SC seal kit with Heat Marking, EPDM USP Class VI	9612-6046-17
◆	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-19
◆	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-20

Parts marked with →, ◆ are included in the seal kits.

Service Kit for Single Shaft Seal

□	1	Service kit with Heat Marking, EPDM USP Class VI.....	9611-92-2375
□	1	Service kit with Heat Marking, FPM	9611-92-2374
□	1	Service kit with Heat Marking, PTFE.....	9611-92-2376

Service Kit for Double Mechanical Shaft Seal

◇	1	Service kit with Heat Marking, EPDM USP Class VI.....	9611-92-2381
◇	1	Service kit with Heat Marking, FPM	9611-92-2380
◇	1	Service kit with Heat Marking, PTFE	9611-92-2382

Parts marked with →, ◆, □, ◇ are included in the service kits.

Conversion Kits

1	Single to double mechanical shaft seal	9611-92-2407
(The conversion kit contains Pos. 13, 14, 15, 40a, 41, 42, 44, 50, 51, and 52)		

Accessories

1	Tool complete.....	9612-9036-01
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Surface Roughness, Product Wetted Parts: 15 Ra Electropolish finish with heat marking

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplate with Heat Marking	9634-08-5025	9634-08-5025	9634-08-5025
29	1	Pump Casing, TC ½" Drain with Heat Marking.....	Contact Sales-----		
36	1	Impeller Screw with Heat Marking	9634-08-2402	9634-08-2402	9634-08-2402
37	1	Impeller with Heat Marking.....	9634-08-5251	9634-08-5251	9634-08-5251

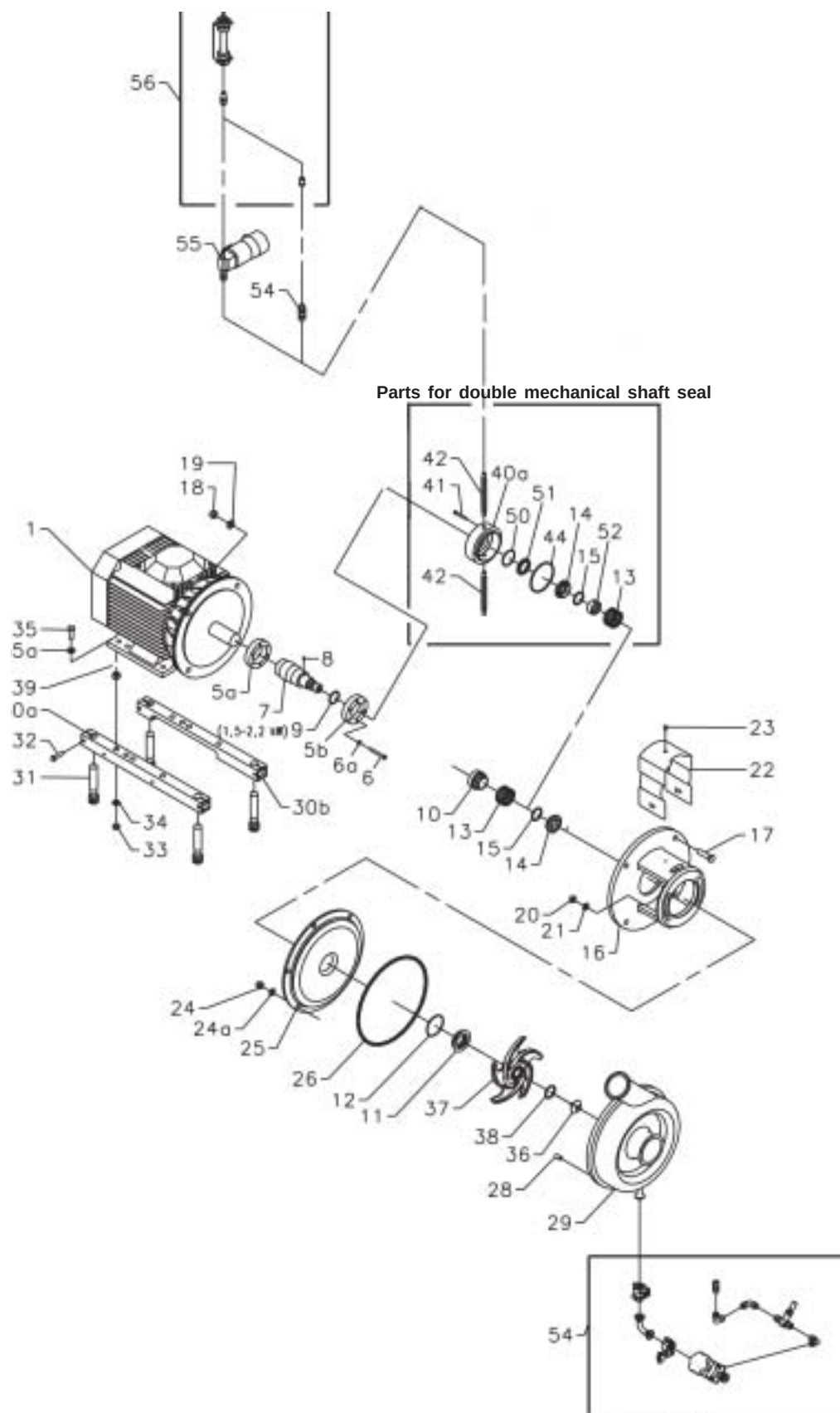
Surface Roughness, Product Wetted Parts: 20 Ra Mechanical Finish with Heat Marking

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplate with Heat Marking	9612-6332-04	9612-6332-04	9612-6332-04
29	1	Pump Casing, TC ½" Drain with Heat Marking.....	Contact Sales-----		
36	1	Impeller Screw with Heat Marking	9612-7070-03	9612-7070-03	9612-7070-03
37	1	Impeller with Heat Marking.....	9612-4341-06	9612-4341-06	9612-4341-06

Recommended Spare Parts: Service kits

LKH UltraPure-40 Centrifugal Pump

Single and Double Mechanical Shaft Seal



LKH UltraPure-40 Centrifugal Pump

Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	3-5 Hp Part No.	7.5-10 Hp Part No.	15-20 Hp Part No.
1	1	Motor			
5a	1	Compression ring with thread.....	9612-13-3602	9612-13-3606	9612-13-3603
5b	1	Compression ring without thread.....	9612-13-3702	9612-13-3706	9612-13-3703
6	6	Screw	9611-99-3196	9611-99-3197	9611-99-3197
6a	6	Washer	9611-99-3199	9611-99-3199	9611-99-3199
7	1	Stub shaft	9612-13-3102	9612-13-3202	9612-13-3302
8	1	Connex pin	9611-99-0622	9611-99-0622	9611-99-0622
10	1	Drive ring - single shaft seal.....	9612-13-7701	9612-13-7701	9612-13-7701
11→◆□○◇	1	Stationary seal ring, SC Heat Traceable.....	9612-13-7903	9612-13-7903	9612-13-7903
12→◆□○◇	1	Stationary O-ring, EPDM USP Class VI	9613-60-1239	9613-60-1239	9613-60-1239
	1	Stationary O-ring, FPM.....	9611-99-2150	9611-99-2150	9611-99-2150
	1	Stationary O-ring, PTFE	9611-99-2152	9611-99-2152	9611-99-2152
13→◆□○◇	1	Spring for Single Seal.....	9612-13-7601	9612-13-7601	9612-13-7601
		Spring for Double Seal	9612-13-7602	9612-13-7602	9612-13-7602
14→□○	1	Rotating seal ring, SC Heat Traceable	9612-13-6403	9612-13-6403	9612-13-6403
◆◇	2	Rotating seal ring, SC Heat Traceable (Dbl. Seal).....	9612-13-6403	9612-13-6403	9612-13-6403
15→□○	1	Rotating O-ring, EPDM USP Class VI	9613-60-1238	9613-60-1238	9613-60-1238
	1	Rotating O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146
	1	Rotating O-ring, PTFE	9611-99-2148	9611-99-2148	9611-99-2148
◆◇	2	Rotating O-ring, EPDM (double seal) USP Class VI.....	9613-60-1238	9613-60-1238	9613-60-1238
	2	Rotating O-ring, FPM (double seal).....	9611-99-2146	9611-99-2146	9611-99-2146
	2	Rotating O-ring, PTFE (double seal).....	9611-99-2148	9611-99-2148	9611-99-2148
16	1	Adaptor.....	9612-13-5911	9612-13-5912	9612-13-5913
17	4	Adaptor screw	180148	180148	180148
19	4	Adaptor spring washer.....	189971	189971	189971
20	2	Adaptor nut.....	9611-99-0353	9611-99-0353	9611-99-0353
21	2	Washer	9611-99-2559	9611-99-2559	9611-99-2559
22	1	Safety guard	9612-13-1106	9612-13-1110	9612-13-1108
23	1	Safety guard screw	9611-99-2544	9611-99-2544	9611-99-2544
24	6	Wingnuts	9611-41-6892	9611-41-6892	9611-41-6892
24a	8	Spring washer.....	9611-99-1887	9611-99-1887	9611-99-1887
25	1	Backplate, 20RA Mech/EP + Heat Traceable	9612-63-3210	9612-63-3210	9612-63-3210
26□○◇	1	Joint ring, EPDM, USP Class VI.....	9635-00-0227	9635-00-0227	9635-00-0227
	1	Joint ring, FPM.....	9611-99-2172	9611-99-2172	9611-99-2172
	1	Joint ring, PTFE.....	9611-99-2174	9611-99-2174	9611-99-2174
28	6	Stud bolt	9611-99-2169	9611-99-2169	9611-99-2169
29	1	Pump casing.....	-----Contact Sales-----		
30a-35	1	Leg assembly.....	481661	481663	481665
36	1	Impeller screw, 20RA Mech/EP + Heat Traceable.....	9612-13-9610	9612-13-9610	9612-13-9610
37	1	Impeller, 20RA Mech/EP + Heat Traceable	9612-13-1813	9612-13-1813	9612-13-1813
38□○◇	1	Impeller O-ring, EPDM USP Class VI	9613-60-1238	9613-60-1238	9613-60-1238
	1	Impeller O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146
	1	Impeller O-ring, PTFE.....	9611-99-2148	9611-99-2148	9611-99-2148
40a	1	Seal housing - double mechanical.....	9612-13-3902	9612-13-3902	9612-13-3902
41	2	Screw for seal housing.....	9611-99-0203	9611-99-0203	9611-99-0203
42	2	Water flush pipe	9612-35-8901	9612-35-8901	9612-35-8901
44→◆○◇	1	Seal housing O-ring	9611-99-2153	9611-99-2153	9611-99-2153
50◆◇	1	O-ring, EPDM USP Class VI	9634-06-8629	9634-06-8629	9634-06-8629
51◆◇	1	Sec. stationary seal ring, SC	9612-13-8302	9612-13-8302	9612-13-8302
52◆◇	1	Drive Ring - Double Seal	9612-30-8901	9612-30-8901	9612-30-8901
54-56	1	Flushing Set, ½" Viton.....	9613-70-0950	9613-70-0950	9613-70-0950
	1	Flushing Set, ½" EPDM.....	9613-60-2868	9613-60-2868	9613-60-2868

Parts marked with →, ◆ are included in the seal kits.

Parts marked with →, ◆, □, ○, ◇ are included in the service kits.

LKH UltraPure-40 Centrifugal Pump

Single and Double Mechanical Shaft Seal

Pos.	Qty.	Description	1-40 Hp Part No.
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Seal Kit for Single Shaft Seal

→	1	SC/SC seal kit with Heat Marking, EPDM USP Class VI	9612-6046-05
→	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-07
→	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-08

Seal Kit for Double Mechanical Shaft Seal

♦	1	SC/SC seal kit with Heat Marking, EPDM USP Class VI	9612-6046-17
♦	1	SC/SC seal kit with Heat Marking, FPM	9612-6046-19
♦	1	SC/SC seal kit with Heat Marking, PTFE	9612-6046-20

Parts marked with →, ♦ are included in the seal kits.

Service Kit for Single Shaft Seal

□	1	Service kit with Heat Marking, EPDM USP Class VI	9611-92-2393
□	1	Service kit with Heat Marking, FPM	9611-92-2392
□	1	Service kit with Heat Marking, PTFE	9611-92-2394

Service Kit for Double Mechanical Shaft Seal

◇	1	Service kit with Heat Marking, EPDM USP Class VI	9611-92-2399
◇	1	Service kit with Heat Marking, FPM	9611-92-2398
◇	1	Service kit with Heat Marking, PTFE	9611-92-2400

Parts marked with →, ♦, □, ◇ are included in the service kits.

Conversion Kits

1	Single to double mechanical shaft seal	9611-92-2407
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(The conversion kit contains Pos. 13, 14, 15, 40a, 41, 42, 44, 50, 51, and 52)

Accessories

1	Tool complete	9612-90-3601
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Surface Roughness, Product Wetted Parts: 15 Ra Electropolish finish with heat markings

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplate with Heat Marking	9612-13-8437	9612-13-8437	9612-13-8437
29	1	Pump Casing, TC ½" Drain with Heat Marking	Contact Sales		
36	1	Impeller Screw with Heat Marking	9634-08-2402	9634-08-2402	9634-08-2402
37	1	Impeller with Heat Marking	9612-13-1813	9612-13-1813	9612-13-1813

Surface Roughness, Product Wetted Parts: 20 Ra Mechanical Finish with Heat Marking

Pos.	Qty.	Description	1.5-2 Hp Part No.	3-5 Hp Part No.	7.5-10 Hp Part No.
25	1	Backplate with Heat Marking	9612-6332-05	9612-6332-05	9612-6332-05
29	1	Pump Casing, TC ½" Drain with Heat Marking	Contact Sales		
36	1	Impeller Screw with Heat Marking	9612-7070-03	9612-7070-03	9612-7070-03
37	1	Impeller with Heat Marking	9612-1318-06	9612-1318-06	9612-1318-06

Recommended Spare Parts: Service kits