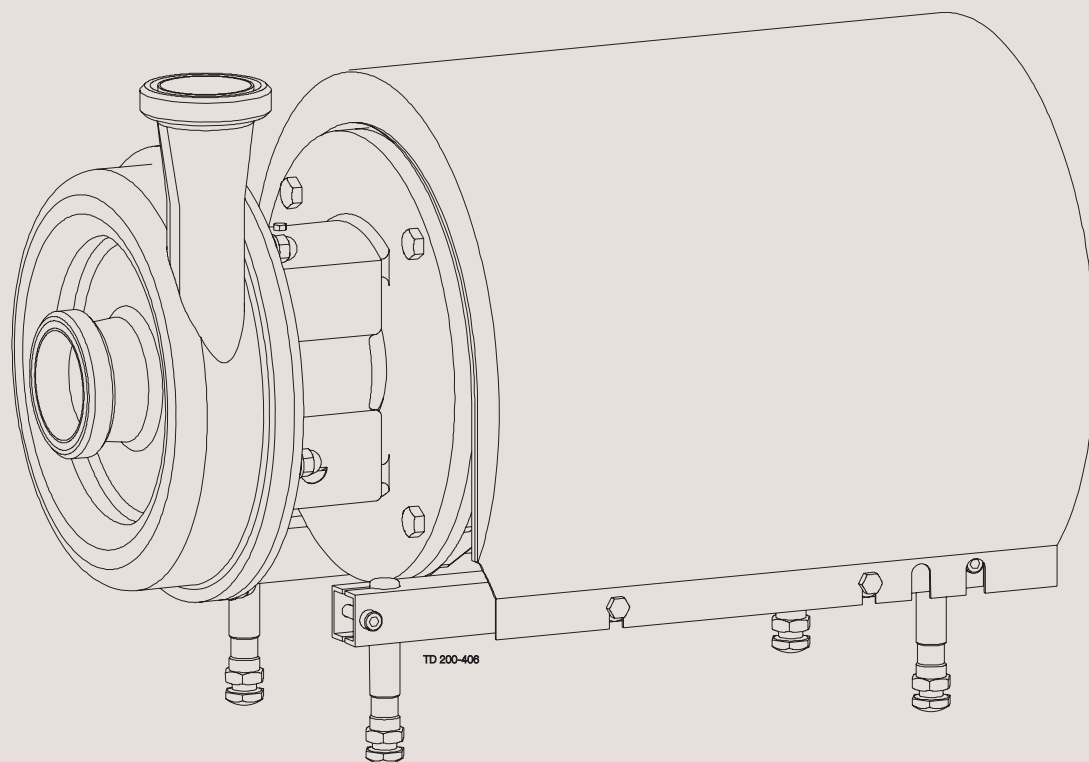




Spare Parts

LKH Evap



ESE01744-EN1

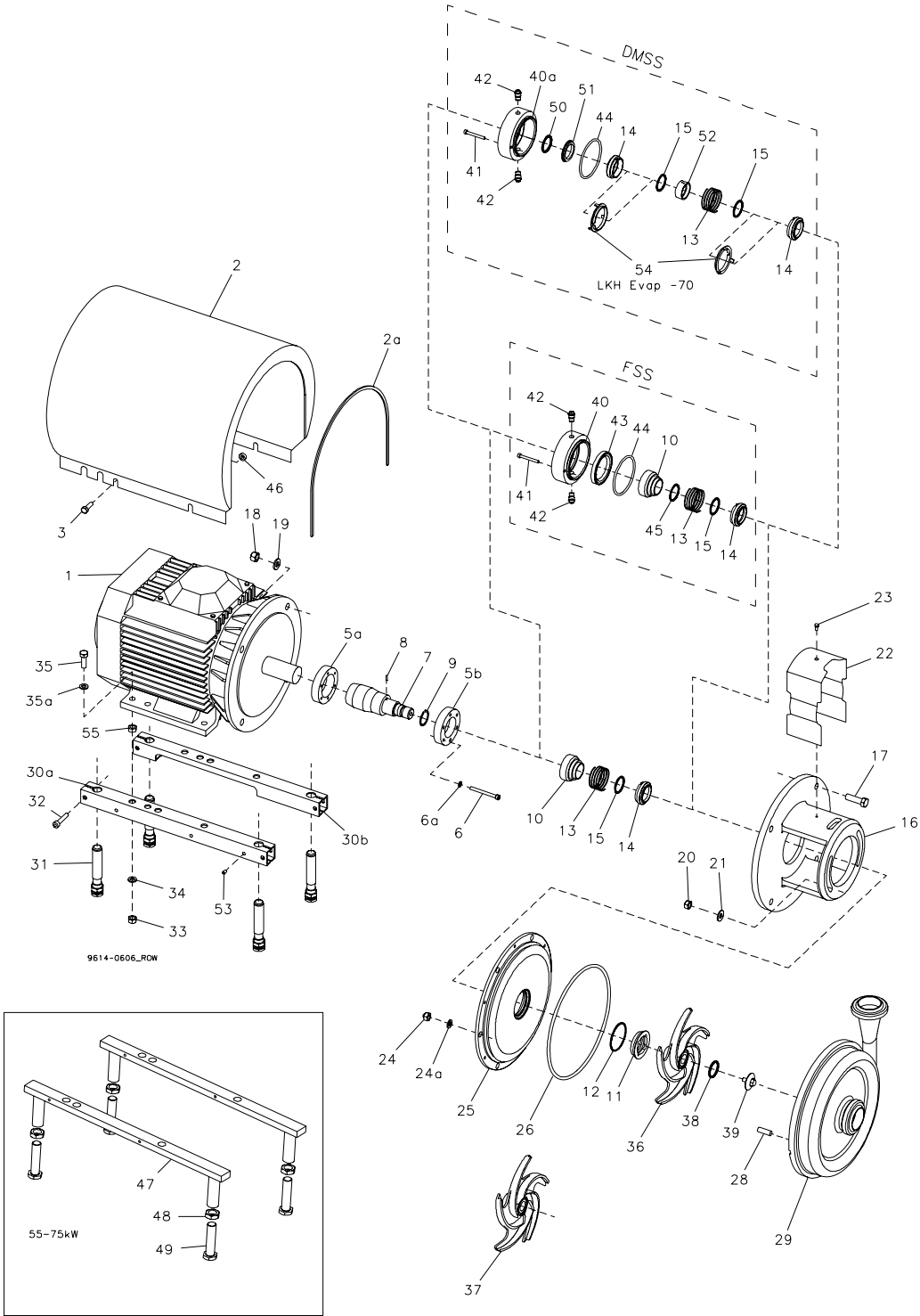
2010-06

Original manual

The information herein is correct at the time of issue but may be subject to change without prior notice

1. LKH Evap - Wet end	4
2. LKH Evap - Motor dependent parts	8
3. LKH Evap - Shaft seal	12

DMSS = Double Mechanical Shaft Seal. FSS = Flushed Shaft Seal



Pump Casing shot blasted Ra ≤ 1.6

Pos	Qty	Denomination	LKH Evap-10 1.5-4 kW In-/outlet 2.5-2"	LKH Evap-15 3-5.5 kW In-/outlet 3-3"	LKH Evap-15 3-5.5 kW In-/outlet 4-3"	LKH Evap-20 1.5-7.5 kW In-/outlet 2.5-2"	LKH Evap-25 4-15 kW In-/outlet 3-2.5"
29	1	Pump casing, , IDF	9612-1398-01	9614-0578-11	9612-4924-01	9612-1398-06	9612-4924-06
	1	Pump casing, SMS	9612-1398-02	9614-0578-12	9612-4924-02	9612-1398-07	9612-4924-07
	1	Pump casing, DIN/ISO	9612-1398-03	9614-0578-13	9612-4924-03	9612-1398-08	9612-4924-08
	1	Pump casing, ISO (Clamp)	9612-1398-04	9614-0578-14	9612-4924-04	9612-1398-09	9612-4924-09
	1	Pump casing, BS	9612-1398-05	9614-0578-15	9612-4924-05	9612-1398-10	9612-4924-10
	1	Pump casing, DS	9612-1398-26	9614-0578-16	9612-4924-21	9612-1398-28	9612-4924-22
	1	Pump casing, DIN/DIN	9612-1398-27	9614-0578-17	9614-0578-02	9612-1398-29	9614-0578-03

Pos	Qty	Denomination	LKH Evap-35 4-15 kW In-/outlet 2.5-2"	LKH Evap-40 7.5-22 kW In-/outlet 3-2"	LKH Evap-45 4-15 kW In-/outlet 3-3"	LKH Evap-45 4-15 kW In-/outlet 4-3"	LKH Evap-50 5.5-22 kW In-/outlet 3-3"
29	1	Pump casing, IDF	9612-4924-11	9612-1398-16	9614-0578-18	9612-4924-16	9612-1398-34
	1	Pump casing, SMS	9612-4924-12	9612-1398-17	9614-0578-19	9612-4924-17	9612-1398-35
	1	Pump casing, DIN/ISO	9612-4924-13	9612-1398-18	9614-0578-20	9612-4924-18	9612-1398-36
	1	Pump casing, ISO (Clamp)	9612-4924-14	9612-1398-19	9614-0578-21	9612-4924-19	9612-1398-37
	1	Pump casing, BS	9612-4924-15	9612-1398-20	9614-0578-22	9612-4924-20	9612-1398-38
	1	Pump casing, DS	9612-4924-23	9612-1398-30	9614-0578-23	9612-4924-24	9612-1398-39
	1	Pump casing, DIN/DIN	9614-0578-04	9612-1398-31	9614-0578-24	9614-0578-05	9612-1398-40

Pos	Qty	Denomination	LKH Evap-50 5.5-22 kW In-/outlet 4-3"	LKH Evap-60 5.5-30 kW In-/outlet 3-4"	LKH Evap-60 5.5-30 kW In-/outlet 4-4"	LKH Evap-70 22-75 kW In-/outlet 4-3"
29	1	Pump casing, IDF	9612-1398-21	9612-3554-21	9612-3554-01	9612-5147-01
	1	Pump casing, SMS	9612-1398-22	9612-3554-22	9612-3554-02	9612-5147-02
	1	Pump casing, DIN/ISO	9612-1398-23	9612-3554-23	9612-3554-03	9612-5147-03
	1	Pump casing, ISO (Clamp)	9612-1398-24	9612-3554-24	9612-3554-04	9612-5147-04
	1	Pump casing, BS	9612-1398-25	9612-3554-25	9612-3554-05	9612-5147-05
	1	Pump casing, DS	9612-1398-32	9612-3554-26	9612-3554-06	9612-5147-11
	1	Pump casing, DIN/DIN	9612-1398-33	9612-3554-27	9612-3554-19	9612-5147-32

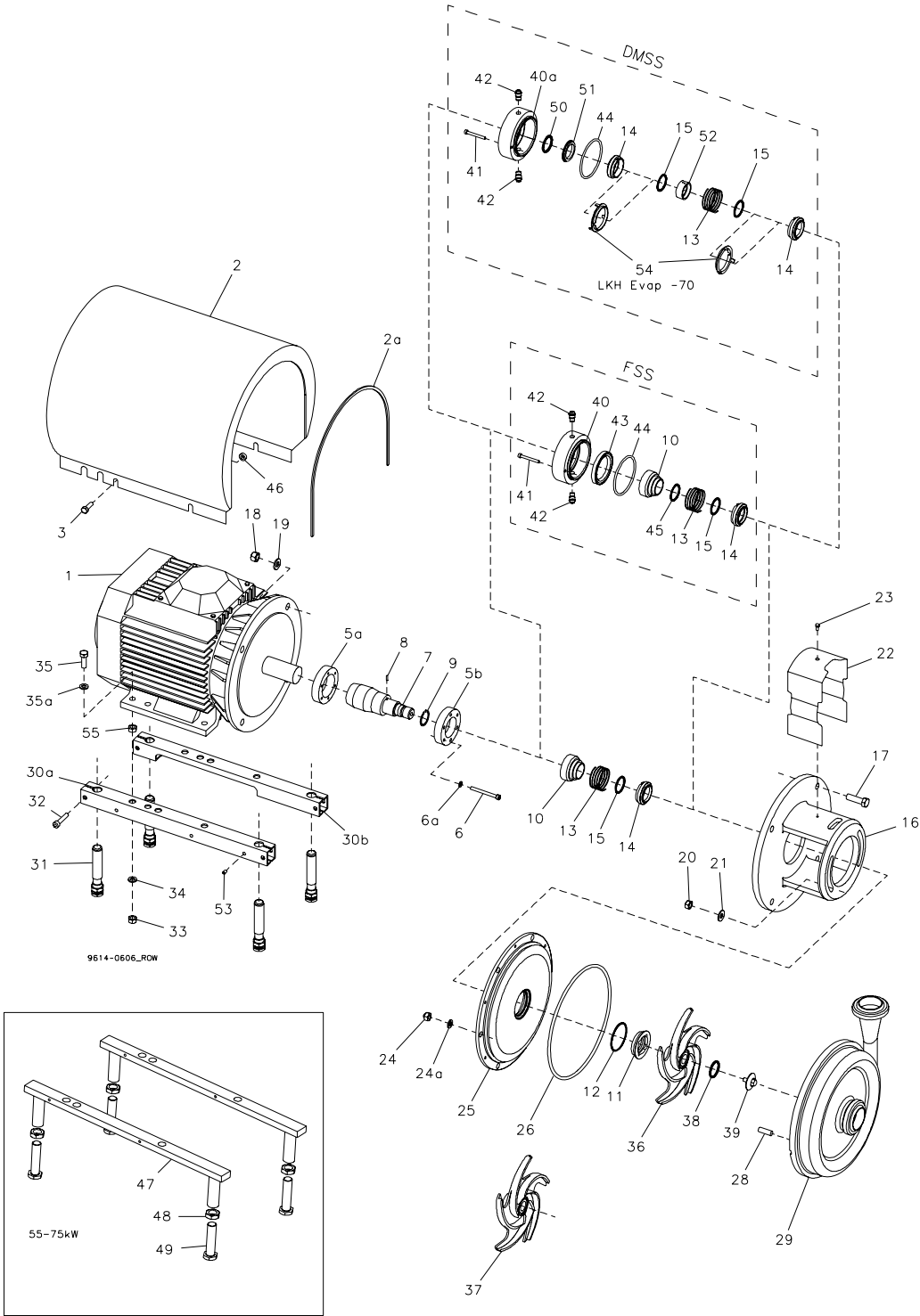
Pump Casing polished Ra ≤ 0.8

Pos	Qty	Denomination	LKH Evap-10 1.5-4 kW In-/outlet 2.5-2"	LKH Evap-15 3-5.5 kW In-/outlet 3-3"	LKH Evap-15 3-5.5 kW In-/outlet 4-3"	LKH Evap-20 1.5-7.5 kW In-/outlet 2.5-2"	LKH Evap-25 4-15 kW In-/outlet 3-2.5"
29	1	Pump casing, IDF	9612-4572-01	9614-0578-25	9612-4925-01	9612-4572-06	9612-4925-06
	1	Pump casing, SMS	9612-4572-02	9614-0578-26	9612-4925-02	9612-4572-07	9612-4925-07
	1	Pump casing, DIN/ISO	9612-4572-03	9614-0578-27	9612-4925-03	9612-4572-08	9612-4925-08
	1	Pump casing, ISO (Clamp)	9612-4572-04	9614-0578-28	9612-4925-04	9612-4572-09	9612-4925-09
	1	Pump casing, BS	9612-4572-05	9614-0578-29	9612-4925-05	9612-4572-10	9612-4925-10
	1	Pump casing, DS	9612-4572-26	9614-0578-30	9612-4925-21	9612-4572-28	9612-4925-22
	1	Pump casing, DIN/DIN	9612-4572-27	9614-0578-31	9614-0578-07	9612-4572-29	9614-0578-08

Pos	Qty	Denomination	LKH Evap-35 4-15 kW In-/outlet 2.5-2"	LKH Evap-40 7.5-22 kW In-/outlet 3-2"	LKH Evap-45 7.5-22 kW In-/outlet 3-3"	LKH Evap-45 4-15 kW In-/outlet 4-3"	LKH Evap-50 4-15 kW In-/outlet 3-3"
29	1	Pump casing, IDF	9612-4925-11	9612-4572-16	9614-0578-32	9612-4925-16	9612-4572-34
	1	Pump casing, SMS	9612-4925-12	9612-4572-17	9614-0578-33	9612-4925-17	9612-4572-35
	1	Pump casing, DIN/ISO	9612-4925-13	9612-4572-18	9614-0578-34	9612-4925-18	9612-4572-36
	1	Pump casing, ISO (Clamp)	9612-4925-14	9612-4572-19	9614-0578-35	9612-4925-19	9612-4572-37
	1	Pump casing, BS	9612-4925-15	9612-4572-20	9614-0578-36	9612-4925-20	9612-4572-38
	1	Pump casing, DS	9612-4925-23	9612-4572-30	9614-0578-37	9612-4925-24	9612-4572-39
	1	Pump casing, DIN/DIN	9614-0578-09	9612-4572-31	9614-0578-38	9614-0578-10	9612-4572-40

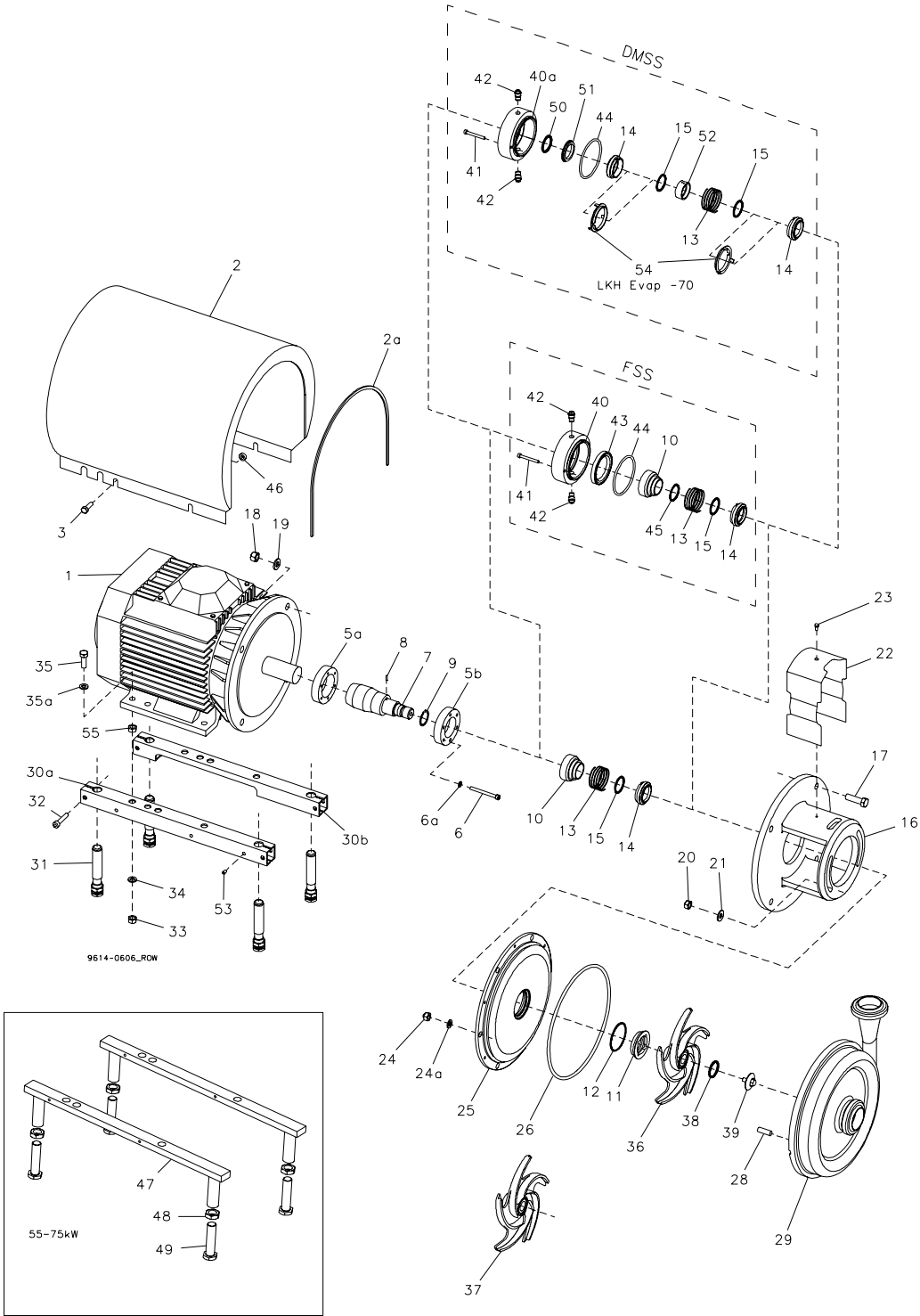
Pos	Qty	Denomination	LKH Evap-50 5.5-22 kW In-/outlet 4-3"	LKH Evap-60 5.5-30 kW In-/outlet 3-4"	LKH Evap-60 5.5-30 kW In-/outlet 4-4"	LKH Evap-70 22-75 kW In-/outlet 4-3"
29	1	Pump casing, IDF	9612-4572-21	9612-3554-28	9612-3554-09	9612-5147-06
	1	Pump casing, SMS	9612-4572-22	9612-3554-29	9612-3554-10	9612-5147-07
	1	Pump casing, DIN/ISO	9612-4572-23	9612-3554-30	9612-3554-11	9612-5147-08
	1	Pump casing, ISO (Clamp)	9612-4572-24	9612-3554-31	9612-3554-12	9612-5147-09
	1	Pump casing, BS	9612-4572-25	9612-3554-32	9612-3554-13	9612-5147-10
	1	Pump casing, DS	9612-4572-32	9612-3554-33	9612-3554-14	9612-5147-12
	1	Pump casing, DIN/DIN	9612-4572-33	9612-3554-34	9612-3554-20	9612-5147-33

DMSS = Double Mechanical Shaft Seal. FSS = Flushed Shaft Seal



Pos	Qty	Denomination	LKH Evap-10 1.5-4 kW	LKH Evap-15 3-5.5 kW	LKH Evap-20 1.5-7.5 kW	LKH Evap-25 4-15 kW	LKH Evap-35 4-15 kW
20	2	Nut	9611-99-0353	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	9611-99-2559
24	6	Cap nut	9611-99-2592	9611-99-2592	9611-99-2592	9611-99-2593	9611-99-2593
24a	6	Washer	9611-99-1888	9611-99-1888	9611-99-1888	9611-99-1887	9611-99-1887
25	1	Back plate, shot blasted Ra ≤ 1.6	9612-1384-04	9612-1384-04	9612-1384-05	9612-1384-23	9612-1384-23
	1	Back plate, polished Ra ≤ 0.8	9612-1384-20	9612-1384-20	9612-1384-21	9612-1384-24	9612-1384-24
26	□♦○★▲	1 O ring, EPDM , (standard)	9611-99-2137	9611-99-2137	9611-99-2141	9611-99-2983	9611-99-2983
	1	O ring, NBR	9611-99-2139	9611-99-2139	9611-99-2143	9611-99-2984	9611-99-2984
	1	O ring, FPM	9611-99-2138	9611-99-2138	9611-99-2142	9611-99-2985	9611-99-2985
	1	O ring, FEP	9611-99-2140	9611-99-2140	9611-99-2144	9611-99-2986	9611-99-2986
28	6	Bolt	9611-99-2168	9611-99-2168	9611-99-2168	9611-99-2169	9611-99-2169
36	1	Impeller, shot blasted Ra ≤ 1.6	9612-1312-02	9612-4314-02	9612-1314-02	9612-4252-02	9612-4341-02
	1	Impeller, polished Ra ≤ 0.8	9612-1312-28	9612-4314-13	9612-1314-18	9612-4252-16	9612-4341-16
37	1	Impeller, ClearFlow, shot blasted Ra≤1.6	9613-4820-01	9613-4821-01	9614-0532-01	9614-0533-01	9613-4822-01
	1	Impeller, ClearFlow polished Ra≤0.8	9613-4820-02	9613-4821-02	9614-0532-02	9614-0533-02	9613-4822-02
38	□♦○★▲	1 O-ring, EPDM, (standard)	9611-99-2145	9611-99-2145	9611-99-2145	9611-99-2145	9611-99-2145
	1	O-ring, NBR	9611-99-2147	9611-99-2147	9611-99-2147	9611-99-2147	9611-99-2147
	1	O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-2146
	1	O-ring, FEP	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-2148
39	1	Impeller screw, shot blasted Ra≤1.6	9612-1396-01	9612-1396-01	9612-1396-01	9612-1396-01	9612-1396-01
	1	Impeller screw, polished Ra≤0.8	9612-1396-03	9612-1396-03	9612-1396-03	9612-1396-03	9612-1396-03
Pos	Qty	Denomination	LKH Evap-40 7.5-22 kW	LKH Evap-45 4-15 kW	LKH Evap-50 5.5-22 kW	LKH Evap-60 5.5-30 kW	LKH Evap-70 22-75 kW
20	2	Nut	9611-99-0353	9611-99-0353	9611-99-0353	9611-99-0353	
	4	Nut					9611-99-0353
21	2	Washer	9611-99-2559	9611-99-2559	9611-99-2559	9611-99-2559	
	4	Washer					9611-99-2559
24	6	Cap nut	9611-99-2593	9611-99-2593	9611-99-2593	9611-99-2593	
	8	Cap nut (LKH Evap-70 and -75)					9611-99-2593
24a	6	Washer	9611-99-1887	9611-99-1887	9611-99-1887	9611-99-1887	
	8	Washer (LKH Evap-70 and -75)					9611-99-1887
25	1	Back plate, shot blasted Ra ≤ 1.6	9612-1384-06	9612-1384-23	9612-1384-06	9612-1384-06	9612-5146-01
	1	Back plate, polished Ra ≤ 0.8	9612-1384-22	9612-1384-24	9612-1384-22	9612-1384-22	9612-5146-07
26	□♦○★▲	1 O ring, EPDM , (standard)	9611-99-2171	9611-99-2983	9611-99-2171	9611-99-2171	9611-99-3211
	1	O ring, NBR	9611-99-2173	9611-99-2984	9611-99-2173	9611-99-2173	9611-99-3212
	1	O ring, FPM	9611-99-2172	9611-99-2985	9611-99-2172	9611-99-2172	9611-99-3213
	1	O ring, FEP	9611-99-2174	9611-99-2986	9611-99-2174	9611-99-2174	9611-99-3214
28	6	Bolt	9611-99-2169	9611-99-2169	9611-99-2169	9611-99-2169	
	8	Bolt (LKH Evap-70 and -75)					9611-99-2169
36	1	Impeller, shot blasted Ra ≤ 1.6	9612-1318-02	9612-3630-02	9612-1320-02	9612-1283-02	9612-4994-01
	1	Impeller, polished Ra ≤ 0.8	9612-1318-16	9612-3630-13	9612-1320-15	9612-1283-15	9612-4994-03
37	1	Impeller, ClearFlow shot blasted Ra≤1.6	9613-4995-01	9613-4823-01	9613-4824-01	9613-4825-01	9614-0534-01
	1	Impeller, ClearFlow polished Ra≤0.8	9613-4995-02	9613-4823-02	9613-4824-02	9613-4825-02	9614-0534-02
38	□♦○★▲	1 O-ring, EPDM, (standard)	9611-99-2145	9611-99-2145	9611-99-2145	9611-99-2145	9611-99-3215
	1	O-ring, NBR	9611-99-2147	9611-99-2147	9611-99-2147	9611-99-2147	9611-99-3216
	1	O-ring, FPM	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-2146	9611-99-3217
	1	O-ring, FEP	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-2148	9611-99-3218
39	1	Impeller screw, shot blasted Ra≤1.6	9612-1396-01	9612-1396-01	9612-1396-01	9612-1396-01	9612-9271-01
	1	Impeller screw, polished Ra≤0.8	9612-1396-03	9612-1396-03	9612-1396-03	9612-1396-03	9612-9271-02

DMSS = Double Mechanical Shaft Seal. FSS = Flushed Shaft Seal



LKH Evap - Motor dependent parts

Pos	Qty	Denomination	1.5 kW	2.2 kW	3 kW	4 kW	5.5 kW
1	1	Motor, ABB ¹⁾ 3000rpm	31801-1982-1	31801-1983-1	31801-1984-1	9612-4028-07	9612-4028-15
	1	Motor, ABB ²⁾ 3000rpm	31801-1982-2	31801-1983-2	31801-1984-2	9612-4028-09	9612-4028-17
	1	Motor, ABB ¹⁾ 1500rpm					9612-4028-21
	1	Motor, ABB ²⁾ 1500rpm					9612-4028-23

Pos	Qty	Denomination	7.5 kW	11 kW	15 kW	18.5 kW	22 kW
1	1	Motor, ABB ¹⁾ 3000rpm	9612-4028-30	31801-0122-1	31801-1194-1	9612-3454-13	9612-3454-21
	1	Motor, ABB ²⁾ 3000rpm	9612-4028-32	31801-0122-3	31801-1194-3	9612-3454-14	9612-3454-22
	1	Motor, ABB ¹⁾ 1500rpm	9612-4028-35				
	1	Motor, ABB ²⁾ 1500rpm	9612-4028-37				

Pos	Qty	Denomination	30 kW	37 kW	45 kW	55 kW	75 kW
1	1	Motor, ABB ¹⁾ 3000rpm	9612-3454-03	9612-3454-05	9612-3454-07	9612-3454-09	9612-3454-11
	1	Motor, ABB ²⁾ 3000rpm	9612-3454-04	9612-3454-06	9612-3454-08	9612-3454-10	9612-3454-12

¹⁾ 3 ~, 50 Hz, 220-240VΔ/380-420VY - Standard ≤ 4 kW

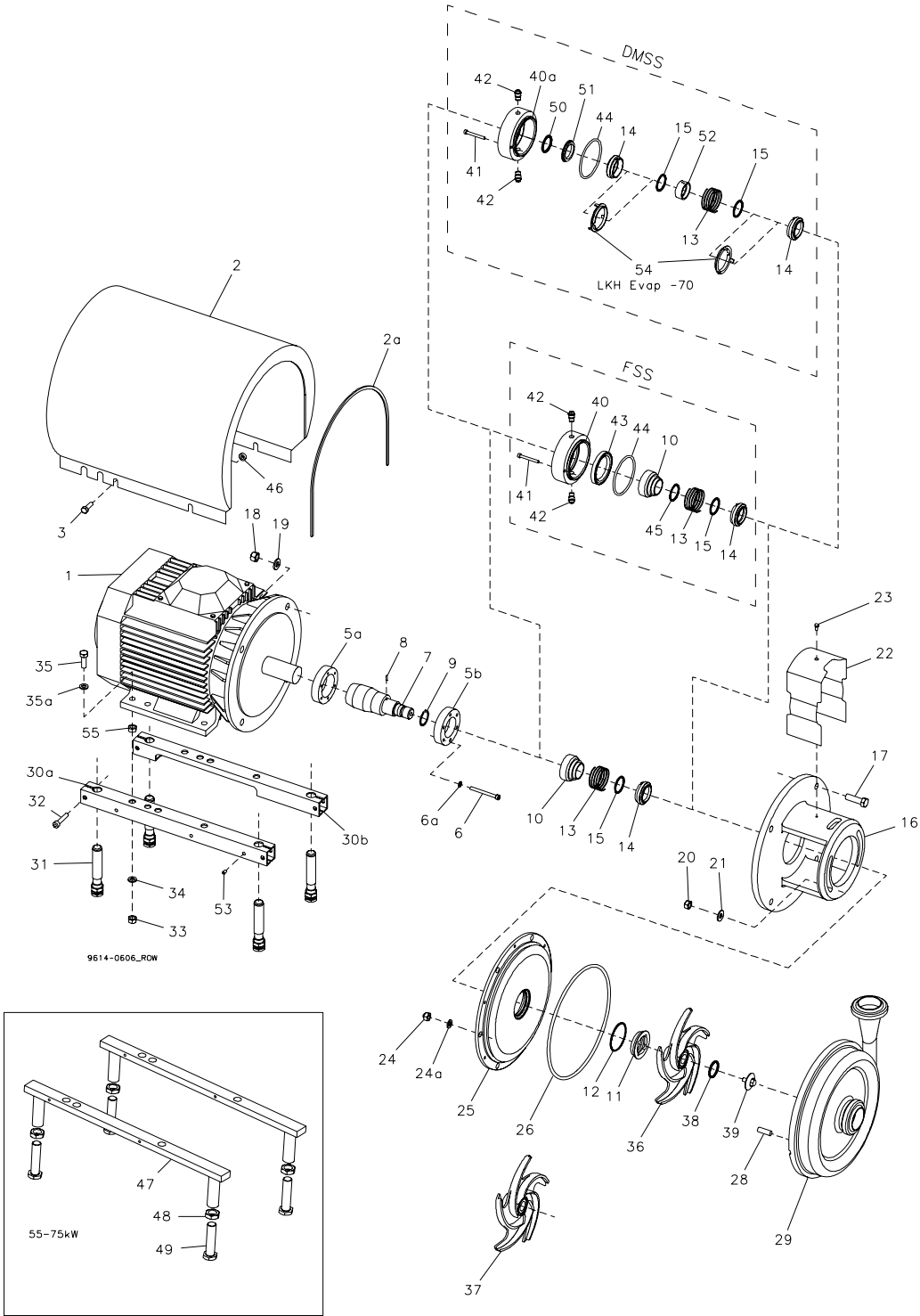
¹⁾ 3 ~, 60 Hz, 250-280VΔ/440-480VY - Standard ≤ 4.6 kW

²⁾ 3 ~, 50 Hz, 380-420VΔ/660-690VY - Standard ≥ 5.5 kW

²⁾ 3 ~, 60 Hz, 440-480VΔ - Standard ≥ 6.3 kW

Pos	Qty	Denomination	LKH Evap 10-60 1.5-2.2 kW	LKH Evap 10-60 3 kW	LKH Evap 10-60 4 kW	LKH Evap 10-60 5.5-7.5 kW	LKH Evap 10-60 11-18.5 kW	LKH Evap 10-60 22 kW
2	1	Shroud	9612-1390-01	9612-1390-02	9612-1390-03	9612-1390-08	9612-1390-05	9612-1390-06
2a	1	Edge list (Included in pos. 2)						
3	4	Screw	9611-99-3240	9611-99-3240	9611-99-3240	9611-99-3240	9611-99-3241	9611-99-3243
5a	1	Compression ring with thread	9612-1336-01	9612-1336-02	9612-1336-02	9612-1336-05	9612-1336-03	9612-1336-04
5b	1	Compression ring without thread	9612-1337-01	9612-1337-02	9612-1337-02	9612-1337-05	9612-1337-03	9612-1337-04
6	6	Screw	9611-99-3196	9611-99-3196	9611-99-3196	9611-99-3197	9611-99-3198	9611-99-3198
6a	6	Washer	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199
7	1	Shaft, pin (pos.8)		9612-1325-02	9612-1325-02	9612-1326-02	9612-1327-02	9612-1328-02
	1	Shaft, pin (pos.8) and retaining (pos.9)	9612-1324-02					
8	1	Connex pin	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622
9	1	Retaining ring	9611-99-2307					
16	1	Adaptor	9612-3423-01	9612-3424-01	9612-3424-01	9612-3425-01	9612-3426-01	9612-3426-01
17	4	Screw for adaptor	9611-99-2161	9611-99-1834	9611-99-1834	9611-99-2162	9611-99-2163	9611-99-2164
18	4	Nut for adaptor	9611-99-0353	9611-99-0587	9611-99-0587	9611-99-0587	9611-99-2160	9611-99-2160
19	4	Washer for adaptor	9611-99-1887	9611-99-0676	9611-99-0676	9611-99-0676	9611-99-1886	9611-99-1886
22	1	Safety guard	9612-1311-05	9612-1311-06	9612-1311-06	9612-1311-07	9612-1311-08	9612-1311-08
23	1	Screw for safety guard	9611-99-3239	9611-99-3239	9611-99-3239	9611-99-3239	9611-99-3239	9611-99-3239
Legs								
30a	1	Support bar, right	9612-1322-01	9612-1322-05	9612-1322-05	9612-1322-06	9612-1322-03	9612-1322-04
30b	1	Support bar, left	9612-1323-01	9612-1323-05	9612-1323-05	9612-1323-06	9612-1323-03	9612-1323-04
31	4	Leg	9612-3967-01	9612-3967-01	9612-3967-01	9612-3967-01	9612-3967-01	9612-3967-01
32	4	Screw	9611-99-1126	9611-99-1126	9611-99-1126	9611-99-1126	9611-99-1126	9611-99-1126
33	4	Nut	9611-99-0360	9611-99-0353	9611-99-0353	9611-99-0353	9611-99-0587	9611-99-0587
34	4	Spring washer	9611-99-1888	9611-99-1887	9611-99-1887	9611-99-1887	9611-99-0676	9611-99-0676
35	4	Screw	9611-99-3241	9611-99-1374	9611-99-1911	9611-99-1911	9611-99-1834	9611-99-1834
35a	4	Washer		9611-99-0786	9611-99-0786	9611-99-0786	9611-99-0706	9611-99-0706
46	4	Distance sleeve				9611-99-2737	31438-0390-2	31438-0390-1
55	4	Nut		9611-99-0587				

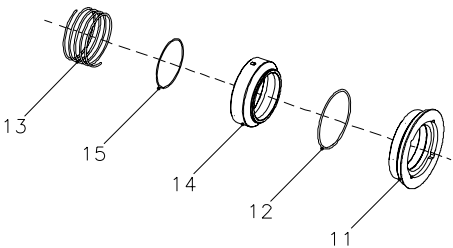
DMSS = Double Mechanical Shaft Seal. FSS = Flushed Shaft Seal



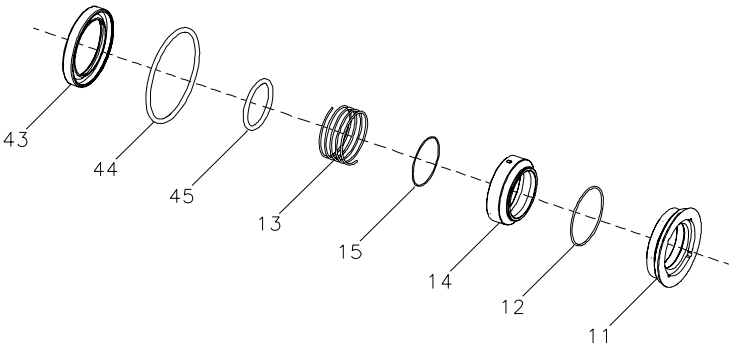
LKH Evap - Motor dependent parts

Pos	Qty	Denomination	LKH Evap 10-60 30 kW	LKH Evap 70 5.5-7.5 kW 1500rpm	LKH Evap 70 11-18.5 kW	LKH Evap 70 22 kW	LKH Evap 70 30-45 kW	LKH Evap 70 55-75 kW
2	1	Shroud	9612-5938-01	9612-1390-08	9612-1390-05	9612-1390-06	9612-5938-01	9612-5938-04
2a	1	Edge list (Included in pos. 2)						
3	4	Screw	9611-99-3243	9611-99-3240	9611-99-3241	9611-99-3243	9611-99-3243	9611-99-3243
5a	1	Compression ring with thread	9612-1336-07	9612-1336-05	9612-1336-03	9612-1336-04	9612-1336-07	9612-1336-08
5b	1	Compression ring without thread	9612-1337-07	9612-1337-05	9612-1337-03	9612-1337-04	9612-1337-07	9612-1337-08
6	6	Screw	9611-99-3198	9611-99-3197	9611-99-3198	9611-99-3198	9611-99-3198	9611-99-3266
6a	6	Washer	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199
7	1	Shaft and pin (pos.8)	9612-2329-02		9612-5126-03	9612-5123-03	9612-5122-03	9612-5010-03
	1	Shaft, pin (pos.8) and retaining (pos.9)		9612-6147-03				
8	1	Connex pin	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622
9	1	Retaining ring	9611-99-3812					
16	1	Adaptor	9612-3427-01	9612-6146-01	9612-5119-01	9612-5119-01	9612-5118-01	9612-5008-01
17	4	Screw for adaptor	9611-99-2164	9611-99-2162	9611-99-2163	9611-99-2164	9611-99-2164	9611-99-2200
18	4	Nut for adaptor	9611-99-2160	9611-99-0587	9611-99-2160	9611-99-2160	9611-99-2160	9611-99-2160
19	4	Washer for adaptor	9611-99-1886	9611-99-0676	9611-99-1886	9611-99-1886	9611-99-1886	9611-99-1886
22	1	Safety guard	9612-1311-08	9612-5145-06	9612-5145-03	9612-5145-03	9612-5145-03	9612-5145-04
23	1	Screw for safety guard	9611-99-3239	9611-99-3239	9611-99-3239	9611-99-3239	9611-99-3239	9611-99-3239
Legs								
30a	1	Support bar, right	9612-3422-01	9612-1322-06	9612-1322-03	9612-1322-04	9612-3422-01	
30b	1	Support bar, left	9612-3422-01	9612-1323-06	9612-1323-03	9612-1323-04	9612-3422-01	
31	4	Leg	9612-3967-01	9612-3967-01	9612-3967-01	9612-3967-01	9612-3967-01	
32	4	Screw	9611-99-1907	9611-99-1126	9611-99-1126	9611-99-1126	9611-99-1907	
33	4	Nut	9611-99-0587	9611-99-0353	9611-99-0587	9611-99-0587	9611-99-0587	9611-99-0935
34	4	Spring washer	9611-99-0676	9611-99-1887	9611-99-0676	9611-99-0676	9611-99-0676	9611-99-3267
35	4	Screw	9611-99-3680	9611-99-1911	9611-99-1834	9611-99-1834	9611-99-3680	9611-99-3268
35a	4	Washer	9611-99-0703	9611-99-0786	9611-99-0706	9611-99-0706	9611-99-0703	9611-99-3269
46	4	Distance sleeve	31438-0390-3	9611-99-2737	31438-0390-2	31438-0390-1	31438-0390-3	31438-0390-1
47	2	Leg bracket						9612-5184-01
48	4	Nut for leg						9611-99-3260
49	4	Screw for leg						9612-5185-01
53	4	Pivot screw	9611-99-1763				9611-99-1763	

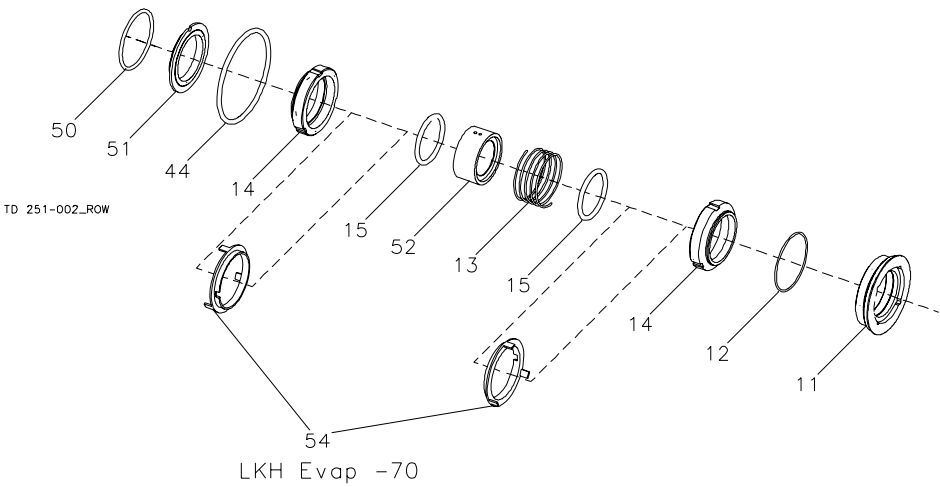
Single Shaft Seal



Flushed Shaft Seal



Double Mechanical Shaft Seal



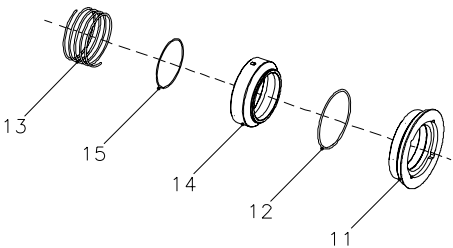
LKH Evap - Shaft seal

Pos	Qty	Denomination	LKH Evap 10-60	LKH Evap 70
Accessories				
	1	Tool complete	9612-9036-01	9612-9037-01
Parts for Flushed Shaft Seal				
40	1	Seal housing	9612-1339-01	9612-5144-01
41	2	Screw for seal housing	9611-99-0203	9611-99-3232
42	2	Fittings	9911-99-2323	9611-99-2323
Parts for Double Mechanical Shaft Seal				
40a	1	Seal housing	9612-1339-02	9612-5914-01
41	2	Screw for seal housing	9611-99-0203	9611-99-3766
42	2	Fittings	9611-99-2323	9611-99-2323
Drive ring				
10	1	Drive ring, Single shaft seal steel	9612-9268-01	9612-5149-01
	1	Drive ring, Flushed shaft seal	9612-1397-01	

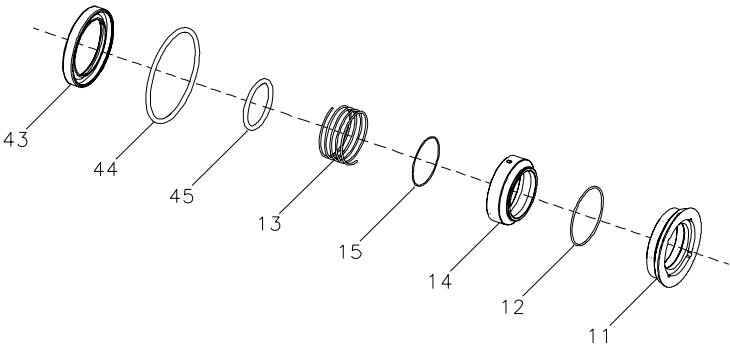
Shaft seals for LKH Evap 10-60

Pos	Qty	Denomination	EPDM	NBR	FPM	FEP
Single shaft seal (standard)						
□		Complete shaft seal, C/SiC	9612-1296-09	9612-1296-10	9612-1296-11	9612-1296-12
11	1	Stationary seal ring, SiC	9612-1379-01	9612-1379-01	9612-1379-01	9612-1379-01
12	1	O-ring	9611-99-2149	9611-99-2151	9611-99-2150	9611-99-2152
13	1	Spring	9612-1376-01	9612-1376-01	9612-1376-01	9612-1376-01
14	1	Rotating seal ring, carbon	9612-1364-01	9612-1364-01	9612-1364-01	9612-1364-01
15	1	O-ring	9611-99-2145	9611-99-2147	9611-99-2146	9611-99-2148
Alternatives for single shaft seal						
★		Complete shaft seal, SiC/SiC	9612-1296-05	9612-1296-06	9612-1296-07	9612-1296-08
11	1	Stationary seal ring, SiC	9612-1379-01	9612-1379-01	9612-1379-01	9612-1379-01
12	1	O-ring	9611-99-2149	9611-99-2151	9611-99-2150	9611-99-2152
13	1	Spring	9612-1376-01	9612-1376-01	9612-1376-01	9612-1376-01
14	1	Rotating seal ring, SiC	9612-1364-02	9612-1364-02	9612-1364-02	9612-1364-02
15	1	O-ring	9611-99-2145	9611-99-2147	9611-99-2146	9611-99-2148
Flushed shaft seal (standard)						
◆		Complete shaft seal, C/SiC	9612-1296-25	9612-1296-26	9612-1296-27	9612-1296-28
11	1	Stationary seal ring, SiC	9612-1379-01	9612-1379-01	9612-1379-01	9612-1379-01
12	1	O-ring	9611-99-2149	9611-99-2151	9611-99-2150	9611-99-2152
13	1	Spring	9612-1376-01	9612-1376-01	9612-1376-01	9612-1376-01
14	1	Rotating seal ring, carbon	9612-1364-01	9612-1364-01	9612-1364-01	9612-1364-01
15	1	O-ring	9611-99-2145	9611-99-2147	9611-99-2146	9611-99-2148
43	1	Lip seal	31446-0088-2	31446-0088-2	31446-0088-2	31446-0088-2
44	1	O-ring for seal housing, EPDM	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
45	1	O-ring for drive ring	9611-99-2145	9611-99-2145	9611-99-2145	9611-99-2145
Alternatives for flushed shaft seal						
Δ		Complete shaft seal, SiC/SiC	9612-1296-29	9612-1296-30	9612-1296-31	9612-1296-32
11	1	Stationary seal ring, SiC	9612-1379-01	9612-1379-01	9612-1379-01	9612-1379-01
12	1	O-ring	9611-99-2149	9611-99-2151	9611-99-2150	9611-99-2152
13	1	Spring	9612-1376-01	9612-1376-01	9612-1376-01	9612-1376-01
14	1	Rotating seal ring, SiC	9612-1364-02	9612-1364-02	9612-1364-02	9612-1364-02
15	1	O-ring	9611-99-2145	9611-99-2147	9611-99-2146	9611-99-2148
43	1	Lip seal	31446-0088-2	31446-0088-2	31446-0088-2	31446-0088-2
44	1	O-ring for seal housing EPDM	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
45	1	O-ring for drive ring	9611-99-2145	9611-99-2145	9611-99-2145	9611-99-2145
Double mechanical shaft seal (Standard)						
○		Complete shaft seal, C/SiC	9612-1296-13	9612-1296-14	9612-1296-15	9612-1296-16
11	1	Stationary seal ring, SiC	9612-1379-01	9612-1379-01	9612-1379-01	9612-1379-01
12	1	O-ring	9611-99-2149	9611-99-2151	9611-99-2150	9611-99-2152
13	1	Spring	9612-1376-02	9612-1376-02	9612-1376-02	9612-1376-02
14	2	Rotating seal ring, carbon	9612-1364-01	9612-1364-01	9612-1364-01	9612-1364-01
15	2	O-ring	9611-99-2145	9611-99-2147	9611-99-2146	9611-99-2148
44	1	O-ring for seal housing EPDM	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
50	1	O-ring, EPDM	9611-99-2156	9611-99-2156	9611-99-2156	9611-99-2156
51	1	Sec. stationary seal ring	9612-1383-02	9612-1383-02	9612-1383-02	9612-1383-02
52	1	Drive ring	9612-3089-01	9612-3089-01	9612-3089-01	9612-3089-01

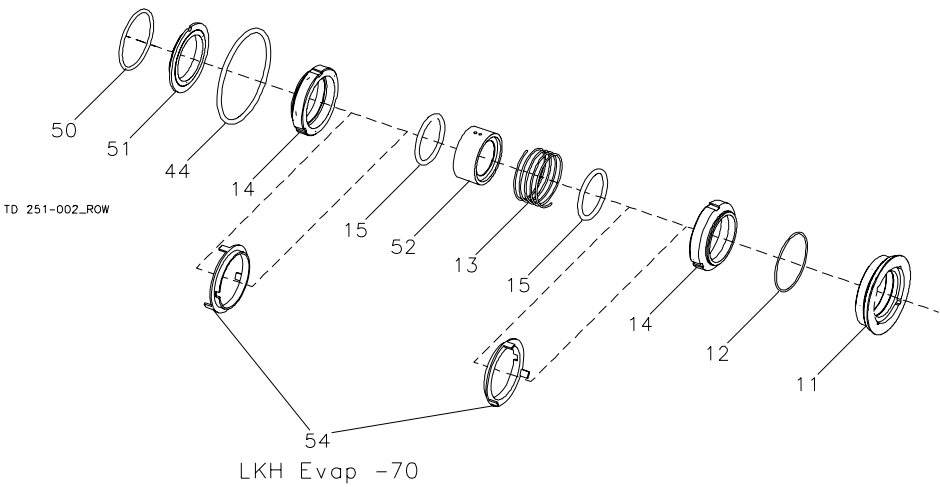
Single Shaft Seal



Flushed Shaft Seal



Double Mechanical Shaft Seal



LKH Evap - Shaft seal

Pos	Qty	Denomination	EPDM	NBR	FPM	FEP
Alternatives for Double Mechanical shaft seal						
▲		Complete shaft seal, SiC/SiC	9612-1296-17	9612-1296-18	9612-1296-19	9612-1296-20
11	1	Stationary seal ring, SiC	9612-1379-01	9612-1379-01	9612-1379-01	9612-1379-01
12	1	O-ring	9611-99-2149	9611-99-2151	9611-99-2150	9611-99-2152
13	1	Spring	9612-1376-02	9612-1376-02	9612-1376-02	9612-1376-02
14	2	Rotating seal ring, SiC	9612-1364-02	9612-1364-02	9612-1364-02	9612-1364-02
15	2	O-ring	9611-99-2145	9611-99-2147	9611-99-2146	9611-99-2148
44	1	O-ring for seal housing EPDM	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
50	1	O-ring, EPDM	9611-99-2156	9611-99-2156	9611-99-2156	9611-99-2156
51	1	Sec. stationary seal ring	9612-1383-02	9612-1383-02	9612-1383-02	9612-1383-02
52	1	Drive ring	9612-3089-01	9612-3089-01	9612-3089-01	9612-3089-01

Shaft seals for LKH Evap 70

Pos	Qty	Denomination	EPDM	NBR	FPM	FEP
Single shaft seal (standard)						
□		Complete shaft seal, C/SiC	9612-5151-01	9612-5151-02	9612-5151-03	9612-5151-04
11	1	Stationary seal ring, SiC	9612-5152-01	9612-5152-01	9612-5152-01	9612-5152-01
12	1	O-ring	9611-99-3223	9611-99-3224	9611-99-3225	9611-99-3226
13	1	Spring	9612-5154-01	9612-5154-01	9612-5154-01	9612-5154-01
14	1	Rotating seal ring, carbon	9612-5153-01	9612-5153-01	9612-5153-01	9612-5153-01
15	1	O-ring	9611-99-3219	9611-99-3220	9611-99-3221	9611-99-3222

Alternatives for single shaft seal

★		Complete shaft seal, SiC/SiC	9612-5151-05	9612-5151-06	9612-5151-07	9612-5151-08
11	1	Stationary seal ring, SiC	9612-5152-01	9612-5152-01	9612-5152-01	9612-5152-01
12	1	O-ring	9611-99-3223	9611-99-3224	9611-99-3225	9611-99-3226
13	1	Spring	9612-5154-01	9612-5154-01	9612-5154-01	9612-5154-01
14	1	Rotating seal ring, SiC	9612-5153-02	9612-5153-02	9612-5153-02	9612-5153-02
15	1	O-ring	9611-99-3219	9611-99-3220	9611-99-3221	9611-99-3222

Flushed shaft seal (standard)

◆		Complete shaft seal, C/SiC	9612-5151-09	9612-5151-10	9612-5151-11	9612-5151-12
11	1	Stationary seal ring, SiC	9612-5152-01	9612-5152-01	9612-5152-01	9612-5152-01
12	1	O-ring	9611-99-3223	9611-99-3224	9611-99-3225	9611-99-3226
13	1	Spring	9612-5154-01	9612-5154-01	9612-5154-01	9612-5154-01
14	1	Rotating seal ring, carbon	9612-5153-01	9612-5153-01	9612-5153-01	9612-5153-01
15	1	O-ring	9611-99-3219	9611-99-3220	9611-99-3221	9611-99-3222
43	1	Lip seal	9611-99-3263	9611-99-3263	9611-99-3263	9611-99-3263
44	1	O-ring for seal housing EPDM	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
45	1	O-ring for drive ring	31460-1056-1	31460-1056-1	31460-1056-1	31460-1056-1

Alternatives for flushed shaft seal

△	0	Complete shaft seal, SiC/SiC	9612-5151-13	9612-5151-14	9612-5151-15	9612-5151-16
11	1	Stationary seal ring, SiC	9612-5152-01	9612-5152-01	9612-5152-01	9612-5152-01
12	1	O-ring	9611-99-3223	9611-99-3224	9611-99-3225	9611-99-3226
13	1	Spring	9612-5154-01	9612-5154-01	9612-5154-01	9612-5154-01
14	1	Rotating seal ring, SiC	9612-5153-02	9612-5153-02	9612-5153-02	9612-5153-02
15	1	O-ring	9611-99-3219	9611-99-3220	9611-99-3221	9611-99-3222
43	1	Lip seal	9611-99-3263	9611-99-3263	9611-99-3263	9611-99-3263
44	1	O-ring for seal housing EPDM	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
45	1	O-ring for drive ring	31460-1056-1	31460-1056-1	31460-1056-1	31460-1056-1

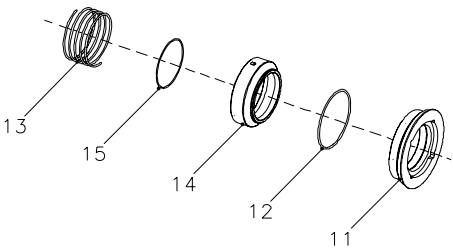
Double mechanical shaft seal (Standard)

○		Complete shaft seal, C/SiC	9612-5151-17	9612-5151-18	9612-5151-19	9612-5151-20
11	1	Stationary seal ring, SiC	9612-5152-01	9612-5152-01	9612-5152-01	9612-5152-01
12	1	O-ring	9611-99-3223	9611-99-3224	9611-99-3225	9611-99-3226
13	1	Spring	9612-6383-01	9612-6383-01	9612-6383-01	9612-6383-01
14	2	Rotating seal ring (Double mechanical shaft seal), carbon	9612-6380-01	9612-6380-01	9612-6380-01	9612-6380-01
15	2	O-ring (Double mechanical shaft seal)	9611-99-3219	9611-99-3220	9611-99-3221	9611-99-3222
44	1	O-ring for seal housing EPDM	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
50	1	O-ring, EPDM	9611-99-3747	9611-99-3747	9611-99-3747	9611-99-3747
51	1	Sec. stationary seal ring	9612-6382-01	9612-6382-01	9612-6382-01	9612-6382-01
52	1	Drive ring	9612-6381-01	9612-6381-01	9612-6381-01	9612-6381-01
54	2	Cup	9612-6395-01	9612-6395-01	9612-6395-01	9612-6395-01

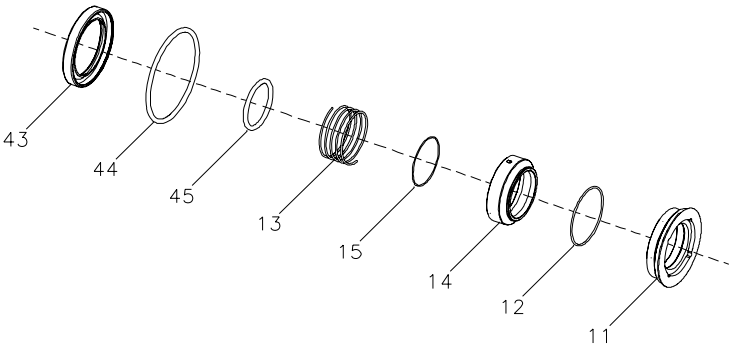
Alternatives for Double Mechanical shaft seal

▲		Complete shaft seal, SiC/SiC	9612-5151-21	9612-5151-22	9612-5151-23	9612-5151-24
11	1	Stationary seal ring, SiC	9612-5152-01	9612-5152-01	9612-5152-01	9612-5152-01
12	1	O-ring	9611-99-3223	9611-99-3224	9611-99-3225	9611-99-3226
13	1	Spring	9612-6383-01	9612-6383-01	9612-6383-01	9612-6383-01
14	2	Rotating seal ring, SiC	9612-6380-02	9612-6380-02	9612-6380-02	9612-6380-02
15	2	O-ring	9611-99-3219	9611-99-3220	9611-99-3221	9611-99-3222
44	1	O-ring for seal housing EPDM	9611-99-2153	9611-99-2153	9611-99-2153	9611-99-2153
50	1	O-ring, EPDM	9611-99-3747	9611-99-3747	9611-99-3747	9611-99-3747
51	1	Sec. stationary seal ring	9612-6382-01	9612-6382-01	9612-6382-01	9612-6382-01
52	1	Drive ring	9612-6381-01	9612-6381-01	9612-6381-01	9612-6381-01
54	2	Cup	9612-6395-01	9612-6395-01	9612-6395-01	9612-6395-01

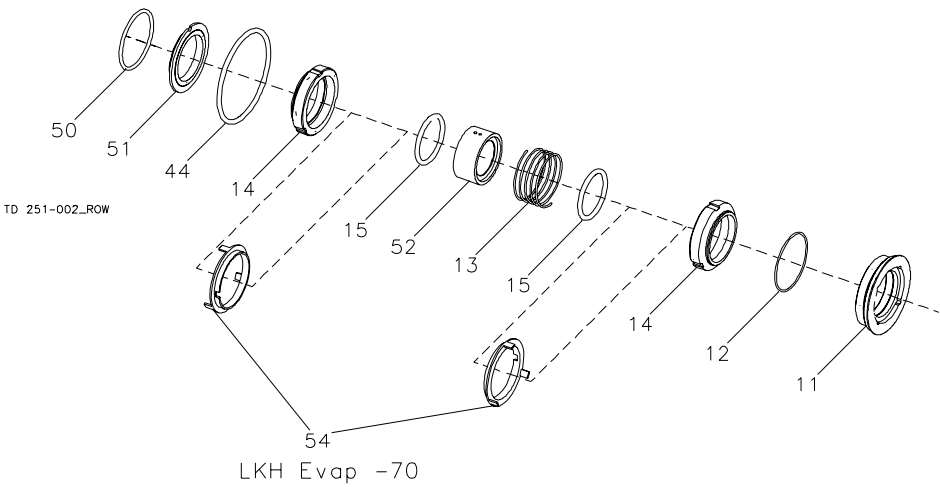
Single Shaft Seal



Flushed Shaft Seal



Double Mechanical Shaft Seal



		EPDM	NBR	FPM	FEP
Service kit for single shaft seal					
□	Service kit, C/SIC (LKH Evap-10/15)	9611-92-2114	9611-92-2115	9611-92-2116	9611-92-2117
□	Service kit, C/SIC (LKH Evap-20)	9611-92-2122	9611-92-2123	9611-92-2124	9611-92-2125
□	Service kit, C/SIC (LKH Evap-25/35/45)	9611-92-2182	9611-92-2183	9611-92-2184	9611-92-2185
□	Service kit, C/SIC (LKH Evap-40/50/60)	9611-92-2130	9611-92-2131	9611-92-2132	9611-92-2133
□	Service kit, C/SIC (LKH Evap-70)	9611-92-2238	9611-92-2239	9611-92-2240	9611-92-2241
★	Service kit, SIC/SIC (LKH Evap-10/15)	9611-92-2550	9611-92-2551	9611-92-2552	9611-92-2553
★	Service kit, SIC/SIC (LKH Evap-20)	9611-92-2574	9611-92-2575	9611-92-2576	9611-92-2577
★	Service kit, SIC/SIC (LKH Evap-25/35/45)	9611-92-2598	9611-92-2599	9611-92-2600	9611-92-2601
★	Service kit, SIC/SIC (LKH Evap-40/50/60)	9611-92-2623	9611-92-2624	9611-92-2625	9611-92-2626
★	Service kit, SIC/SIC (LKH Evap-70)	9611-92-2643	9611-92-2644	9611-92-2645	9611-92-2646
Service kit for flushed shaft seal					
◆	Service kit, C/SIC (LKH Evap-10/15)	9611-92-2118	9611-92-2119	9611-92-2120	9611-92-2121
◆	Service kit, C/SIC (LKH Evap-20)	9611-92-2126	9611-92-2127	9611-92-2128	9611-92-2129
◆	Service kit, C/SIC (LKH Evap-25/35/45)	9611-92-2190	9611-92-2191	9611-92-2192	9611-92-2193
◆	Service kit, C/SIC (LKH Evap-40/50/60)	9611-92-2134	9611-92-2135	9611-92-2136	9611-92-2137
◆	Service kit, C/SIC (LKH Evap-70)	9611-92-2242	9611-92-2243	9611-92-2244	9611-92-2245
△	Service kit, SIC/SIC (LKH Evap-10/15)	9611-92-2558	9611-92-2559	9611-92-2560	9611-92-2561
△	Service kit, SIC/SIC (LKH Evap-20)	9611-92-2582	9611-92-2583	9611-92-2584	9611-92-2585
△	Service kit, SIC/SIC (LKH Evap-25/35/45)	9611-92-2606	9611-92-2607	9611-92-2608	9611-92-2609
△	Service kit, SIC/SIC (LKH Evap-40/50/60)	9611-92-2631	9611-92-2632	9611-92-2633	9611-92-2634
△	Service kit, SIC/SIC (LKH Evap-70)	9611-92-2647	9611-92-2648	9611-92-2649	9611-92-2650
Service kit for double mechanical shaft seal					
○	Service kit, C/SIC (LKH Evap-10/15)	9611-92-2210	9611-92-2211	9611-92-2212	9611-92-2213
○	Service kit, C/SIC (LKH Evap-20)	9611-92-2218	9611-92-2219	9611-92-2220	9611-92-2221
○	Service kit, C/SIC (LKH Evap-25/35/45)	9611-92-2226	9611-92-2227	9611-92-2228	9611-92-2229
○	Service kit, C/SIC (LKH Evap-40/50/60)	9611-92-2234	9611-92-2235	9611-92-2236	9611-92-2237
○	Service kit, C/SIC (LKH Evap-70)	9611-92-2416	9611-92-2417	9611-92-2418	9611-92-2419
▲	Service kit, SIC/SIC (LKH Evap-10/15)	9611-92-2566	9611-92-2567	9611-92-2568	9611-92-2569
▲	Service kit, SIC/SIC (LKH Evap-20)	9611-92-2590	9611-92-2591	9611-92-2592	9611-92-2593
▲	Service kit, SIC/SIC (LKH Evap-25/35/45)	9611-92-2614	9611-92-2615	9611-92-2616	9611-92-2617
▲	Service kit, SIC/SIC (LKH Evap-40/50/60)	9611-92-2639	9611-92-2640	9611-92-2641	9611-92-2642
▲	Service kit, SIC/SIC (LKH Evap-70)	9611-92-2651	9611-92-2652	9611-92-2653	9611-92-2654

Parts marked with □◆○★△▲ are included in the service kits.

Recommended Spare Parts: Service kits.

LKH Evap -10/15/20

Conversion kit, single to flushed shaft seal EPDM C/SIC 9611-92-7101 = Pos. 10+40+41+42+43+44+45

LKH Evap -25/35/40/45/50/60

Conversion kit, single to flushed shaft seal EPDM C/SIC 9611-92-2891 = Pos. 10+40+41+42+43+44+45

LKH Evap -70 (and LKH Evap-75 US)

Conversion kit, single to flushed shaft seal EPDM C/SIC 9611-92-7102 = Pos 40+41+42+43+44+45

LKH Evap -10/15/20/25/35/40/45/50/60

Conversion kit single to double mechanical shaft seal EPDM C/SIC 9611-92-7103 = Pos.13+ 14+15+40a+41+42+44+50+51+52

LKH Evap -10/15/20/25/35/40/45/50/60

Conversion kit single to double mechanical shaft seal EPDM SIC/SIC 9611-92-7104 = Pos. 13+14+15+40a+41+42+44+50+51+52

LKH Evap -70 (and LKH Evap-75 US)

Conversion kit, single to double mechanical shaft seal EPDM C/SIC 9611-92-7105 = Pos.13+14+15+ 40a+41+42+44+50+51+52+54

LKH Evap -10/15/20/25/35/40/45/50/60

Conversion kit, flushed to double mechanical shaft seal EPDM C/SIC 9611-92-2176 = Pos.13+ 14+40a+50+51+52

LKH Evap -70 (and LKH Evap-75 US)

Conversion kit, flushed to double mechanical shaft seal EPDM C/SIC 9611-92-2421 = Pos.13+14+15+ 40a+41+50+51+52+54

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How to contact Alfa Laval

Contact details for all countries are continually updated on our website.

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