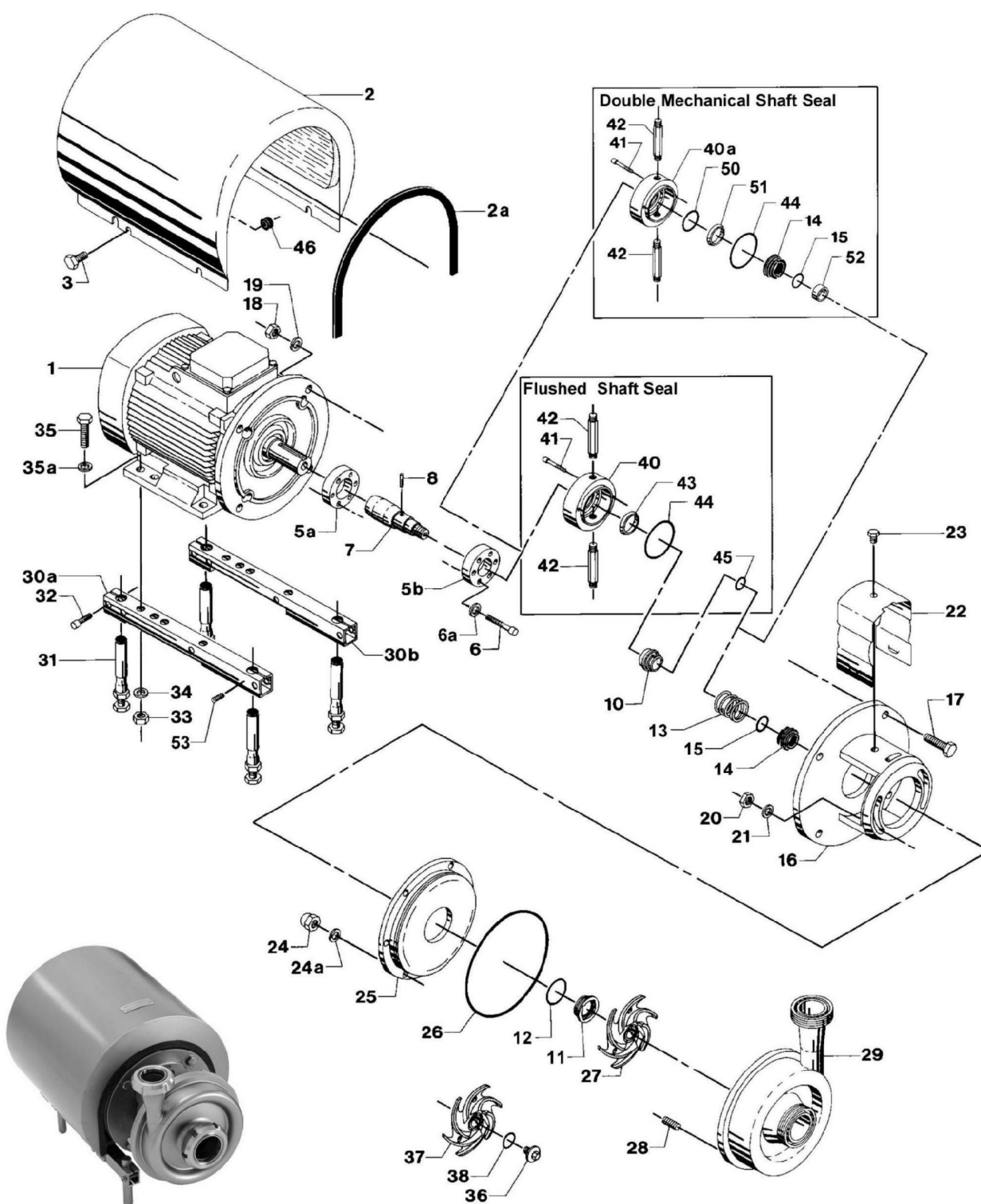


Centrifugal Pump, Type LKH-60 Single, flushed and double mechanical shaft seal



Centrifugal Pump, Type LKH-60

Single, flushed and double mechanical shaft seal

Pos.	Qty.	Denomination	5.5-7.5 kW	11-15 kW	18.5 kW	22 kW	30 kW
3	4	Screw	9611-99-3240	9611-99-3241	9611-99-3241	9611-99-3242	9611-99-3243
5a	1	Compression ring with thread	9612-1336-05	9612-1336-03	9612-1336-03	9612-1336-04	9612-1336-07
5b	1	Compression ring without thread	9612-1337-05	9612-1337-03	9612-1337-03	9612-1337-04	9612-1337-07
6	5	Screw	9611-99-3197	9611-99-3198	9611-99-3198	9611-99-3198	9611-99-3198
6a	0	Washer	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199	9611-99-3199
7	1	Shaft with internal/external thread and pin (pos. 8)	9612-1326-02	9612-1327-02	9612-1327-02	9612-1328-02	9612-2329-02
8	1	Conex pin	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622	9611-99-0622
10	1	Drive ring, single shaft seal	9612-1377-01	9612-1377-01	9612-1377-01	9612-1377-01	9612-1377-01
16	1	Adaptor	9612-1397-01	9612-1397-01	9612-1397-01	9612-1397-01	9612-1397-01
17	4	Screw for adaptor	9612-3425-01	9612-3426-01	9612-3426-01	9612-3426-01	9612-3427-01
18	4	Nut for adaptor	9611-99-2162	9611-99-2163	9611-99-2163	9611-99-2164	9611-99-2164
19	4	Washer for adaptor	9611-99-0567	9611-99-2160	9611-99-2160	9611-99-2160	9611-99-2160
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
22	1	Safety guard	9612-1311-07	9612-1311-08	9612-1311-08	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
24	5	Cap nut	9611-99-2593	9611-99-2593	9611-99-2593	9611-99-2593	9611-99-2593
24a	5	Spring washer	9611-99-1887	9611-99-1887	9611-99-1887	9611-99-1887	9611-99-1887
25	1	Back plate	9612-1384-05	9612-1384-06	9612-1384-06	9612-1384-06	9612-1384-06
25Q	1	O-ring, EPDM (standard)	9611-99-2171	9611-99-2171	9611-99-2171	9611-99-2171	9611-99-2171
	1	O-ring, NBR	9611-99-2173	9611-99-2173	9611-99-2173	9611-99-2173	9611-99-2173
	1	O-ring, FPM	9611-99-2172	9611-99-2172	9611-99-2172	9611-99-2172	9611-99-2172
	1	O-ring, FEP	9611-99-2174	9611-99-2174	9611-99-2174	9611-99-2174	9611-99-2174
27	1	Impeller	9612-1283-07	9612-1283-07	9612-1283-01	9612-1283-01	9612-1283-01
28	5	Bolt	9611-99-2169	9611-99-2169	9611-99-2169	9611-99-2169	9611-99-2169
29	1	Pump casing, IDF	9612-3554-01	9612-3554-01	9612-3554-01	9612-3554-01	9612-3554-01
	1	Pump casing, SMS	9612-3554-02	9612-3554-02	9612-3554-02	9612-3554-02	9612-3554-02
	1	Pump casing, DIN	9612-3554-03	9612-3554-03	9612-3554-03	9612-3554-03	9612-3554-03
	1	Pump casing, ISO	9612-3554-04	9612-3554-04	9612-3554-04	9612-3554-04	9612-3554-04
	1	Pump casing, BS	9612-3554-05	9612-3554-05	9612-3554-05	9612-3554-05	9612-3554-05
	1	Pump casing, DS	9612-3554-06	9612-3554-06	9612-3554-06	9612-3554-06	9612-3554-06
	1	Pump casing, NW 150/100	9612-3554-07	9612-3554-07	9612-3554-07	9612-3554-07	9612-3554-07
	1	Pump casing, 152/4101.6 (clamp)	9612-3554-08	9612-3554-08	9612-3554-08	9612-3554-08	9612-3554-08
	1	Pump casing, flange DN100/DN100	9612-1380-05	9612-1380-05	9612-1380-05	9612-1380-05	9612-1380-05
	1	Pump casing, flange DN150/DN100	9612-1380-07	9612-1380-07	9612-1380-07	9612-1380-07	9612-1380-07
Legs							
30a	1	Support bar, right (Period 9310-)	9612-1322-06	9612-1322-06	9612-1322-03	9612-1322-04	9612-3422-01
	1	Support bar, right (Period 9302-9310 ¹⁾)	9612-1322-02	9612-1322-02	9612-1322-03	9612-1322-04	9612-3422-01
30b	1	Support bar, left (Period 9310-)	9612-1323-06	9612-1323-06	9612-1323-03	9612-1323-04	9612-3422-01
	1	Support bar, left (Period 9302-9310 ¹⁾)	9612-1323-02	9612-1323-02	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 (Period 9711-)	9611-99-1126	9611-99-1126	9611-99-1126	9611-99-1126	9611-99-1126
	4	Screw (Period -9/11)	9611-99-1907	9611-99-1907	9611-99-1907	9611-99-1907	9611-99-1907
33	4	Nut	9611-99-0353	9611-99-0357	9611-99-0357	9611-99-0357	9611-99-0357
34	4	Spring washer	9611-99-1887	9611-99-0676	9611-99-0676	9611-99-0676	9611-99-0676
35	4	Screw	9611-99-1911	9611-99-1934	9611-99-1934	9611-99-1934	2210453-07
35a	4	Washer	9611-99-0786	9611-99-0706	9611-99-0706	9611-99-0706	9611-99-0703
46	4	Distance sleeve	31438-0390-2	31438-0390-2	31438-0390-1	31438-0390-1	31438-0390-3
	4	Distance sleeve for M2AA (Period 9310-)	9611-99-2737				
53	4	Pivot screw					9611-99-1763
Alternatives							
36	1	Impeller screw	9612-1396-01	9612-1396-01	9612-1396-01	9612-1396-01	9612-1396-01
37	1	Impeller for impeller screw	9612-1283-08	9612-1283-08	9612-1283-02	9612-1283-02	9612-1283-02
38	1	O-ring EPDM	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
Recommended Spare Parts: Service kits.							
900018/0							

Surface roughness, product wetted parts: Ra ≤ 0.8 μm

Pos.	Qty.	Denomination	5.5-15 kW	18.5-30 kW
25	1	Back plate	9612-1384-22	9612-1384-22
27	1	Impeller	9612-1283-09	9612-1283-05
29	1	Pump casing, IDF	9612-3554-09	9612-3554-09
	1	Pump casing, SMS	9612-3554-10	9612-3554-10
	1	Pump casing, DIN	9612-3554-11	9612-3554-11
	1	Pump casing, ISO	9612-3554-12	9612-3554-12
	1	Pump casing, BS	9612-3554-13	9612-3554-13

Alternatives				
36	1	Impeller screw	9612-1396-03	9612-1396-03
37	1	Impeller for impeller screw	9612-1283-10	9612-1283-06

Pos.	Qty.	Denomination	5.5 kW	7.5 kW	11 kW	15 kW	18.5 kW	22 kW	30 kW
1	1	Motor, ABB M2AA ²⁾	9612-4028-15	9612-4028-30	31801-0122-1	31801-1194-1	9611-3454-13	9611-3454-15	9612-3454-03 ³⁾
	1	Motor, ABB MBT ³⁾	31801-1865-1 ¹⁾	31801-1866-1 ¹⁾					
	1	Motor, ABB M2AA ²⁾	9612-4028-17	9612-4028-32	31801-0122-3	31801-1194-3	9611-3454-14	9611-3454-16	9612-3454-04 ³⁾
	1	Motor, ABB MBT ³⁾	31801-1865-3 ¹⁾	31801-1866-3 ¹⁾					
	1	Motor, BROOK ⁴⁾							9612-4055-01
	1	Motor, BROOK ⁴⁾							9612-4055-02
2	1	Shroud (Period 9310-) ABB	9612-1390-08	9612-1390-08					
	1	Shroud (Period 9302-9310) ABB	9612-1390-04 ¹⁾	9612-1390-04 ¹⁾	9612-1390-05	9612-1390-05	9612-1390-05	9612-1390-06	
	1	Shroud (Period 9310-9907) ABB							9612-1390-07
2a	1	Edge list (included in pos. 2)							9612-5938-01
¹⁾ MBT motor (Period 9302-9310). Not available anymore. ²⁾ 3 ~, 50 Hz, 220-240V/380-420VY - Option ³⁾ 3 ~, 60 Hz, 250-280V/440-480VY - Option ⁴⁾ ABB motor (Period -9907)									
Pos.	Qty.	Denomination	5.5-30 kW						
Accessories									
1	1	Tool complete	9612-1371-01						
Parts for Flushed Shaft Seal									
40	1	Seal housing	9612-1339-01						
41	2	Screw for seal housing	9611-99-0203						
42	2	Tube	9612-3569-07						
Parts for Double Mechanical Shaft Seal									
40a	1	Seal housing	9612-1339-02						
41	2	Screw for seal housing	9611-99-0203						
42	2	Tube	9612-3569-07						
Service kit for single shaft seal									
□	Service kit, EPDM	9611-92-2088							
□	Service kit, NBR	9611-92-2089							
□	Service kit, FPM	9611-92-2090							
□	Service kit, FEP	9611-92-2091							
Service kit for single shaft seal and impeller screw									
◆	Service kit, EPDM	9611-92-2130							
◆	Service kit, NBR	9611-92-2131							
◆	Service kit, FPM	9611-92-2132							
◆	Service kit, FEP	9611-92-2133							
Service kit for flushed shaft seal									
○	Service kit, EPDM	9611-92-2092							
○	Service kit, NBR	9611-92-2093							
○	Service kit, FPM	9611-92-2094							
○	Service kit, FEP	9611-92-2095							
Service kit for flushed shaft seal and impeller screw									
*	Service kit, EPDM	9611-92-2134							
*	Service kit, NBR	9611-92-2135							
*	Service kit, FPM	9611-92-2136							
*	Service kit, FEP	9611-92-2137							
Service kit for double mechanical shaft seal									
◇	Service kit, EPDM	9611-92-2230							
◇	Service kit, NBR	9611-92-2231							
◇	Service kit, FPM	9611-92-2232							
◇	Service kit, FEP	9611-92-2233							
Service kit for double mechanical shaft seal and impeller screw									
●	Service kit, EPDM	9611-92-2234							
●	Service kit, NBR	9611-92-2235							
●	Service kit, FPM	9611-92-2236							
●	Service kit, FEP	9611-92-2237							
Parts marked with □◆◇● are included in the service kits.									

Shaft Seal: See page 58 and 59

Conversion kit, single to flushed shaft seal 9611-92-2042 = Pos. 10+40+41+42+43+44+45

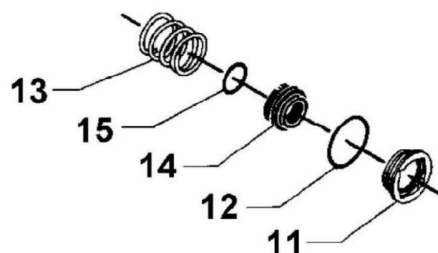
Conversion kit, single to double mechanical shaft seal 9611-92-2175 = Pos. 14+15+40a+41+42+44+50+51+52. SIC/SIC = 9611-92-2302.

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

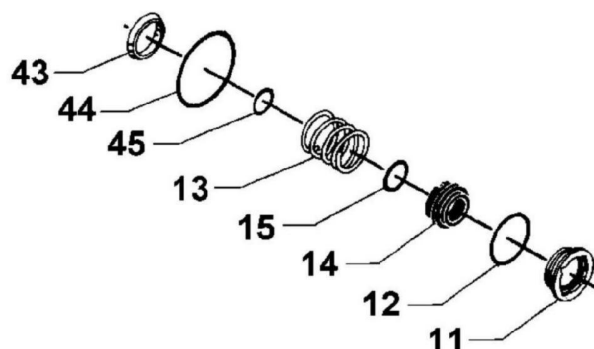
Shaft Seals for Centrifugal Pump Type LKH 5 - 60



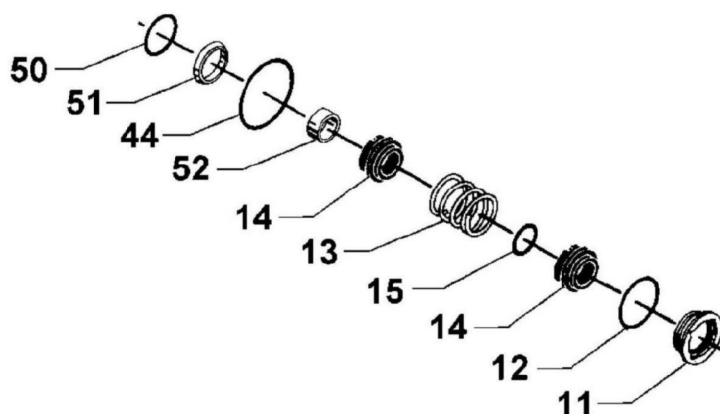
Single Shaft Seal



Flushed Shaft Seal



Double Mechanical Shaft Seal



Shaft Seals for Centrifugal Pump Type LKH 5 - 60

Pos.	Qty.	Denomination	1.5-30 kW	Pos.	Qty.	Denomination	1.5-30 kW	Pos.	Qty.	Denomination	1.5-30 kW	Pos.	Qty.	Denomination	1.5-30 kW
Single shaft seal				Flushed shaft seal				Complete shaft seal, FPM				Alternatives for Double Mechanical shaft seal			
11	1	Complete shaft seal, EPDM (Standard)	9612-1296-09	11	1	Complete shaft seal, EPDM (Standard)	9612-1296-25	11	1	Stationary seal ring, SIC	9612-1379-01	11	1	Complete shaft seal, EPDM	9612-1296-17
12	1	Stationary seal ring, SIC	9612-1379-01	12	1	Stationary seal ring, SIC	9612-1379-01	12	1	O-ring, FPM	9611-99-2150	12	1	Stationary seal ring, SIC	9612-1379-01
13	1	O-ring, EPDM	9611-99-2149	13	1	O-ring, EPDM	9611-99-2149	13	1	Spring	9612-1376-01	13	1	O-ring, EPDM	9611-99-2149
14	1	Spring	9612-1376-01	14	1	Spring	9612-1376-01	14	1	Rotating seal ring, SIC	9612-1364-02	14	1	Spring	9612-1376-02
15	1	Rotating seal ring, carbon	9612-1364-01	15	1	Rotating seal ring, carbon	9612-1364-01	15	1	O-ring, FPM	9611-99-2146	14	2	Rotating seal ring, SIC	9612-1364-02
15	1	O-ring, EPDM	9611-99-2145	15	1	O-ring, EPDM	9611-99-2145	43	1	Lip seal	31446-0088-2	15	2	O-ring, EPDM	9611-99-2145
Complete shaft seal, NBR				43	1	Lip seal	31446-0088-2	44	1	O-ring for seal housing	9611-99-2153	44	1	O-ring for seal housing	9611-99-2153
11	1	Stationary seal ring, SIC	9612-1296-10	44	1	O-ring for seal housing	9611-99-2153	45	1	O-ring for drive ring	9611-99-2145	50	1	O-ring, EPDM	9611-99-2156
12	1	O-ring, NBR	9611-99-2151	45	1	O-ring for drive ring	9611-99-2145	Complete shaft seal, FEP				51	1	Sec. stationary seal ring SIC	9612-1383-02
13	1	Spring	9612-1376-01	Complete shaft seal, NBR				11	1	Stationary seal ring, SIC	9612-1296-32	52	1	Drive ring	9612-1383-02
14	1	Rotating seal ring, carbon	9612-1364-01	11	1	Stationary seal ring, SIC	9612-1296-28	12	1	O-ring, FEP	9611-99-2152	Complete shaft seal, NBR			
15	1	O-ring, NBR	9611-99-2147	12	1	O-ring, FEP	9611-99-2152	13	1	Spring	9612-1376-01	11	1	Stationary seal ring, SIC	9612-1296-18
Complete shaft seal, FPM				13	1	Spring	9612-1376-01	14	1	Rotating seal ring, SIC	9612-1364-02	12	1	O-ring, NBR	9611-99-2151
11	1	Stationary seal ring, SIC	9612-1379-01	14	1	Rotating seal ring, carbon	9612-1364-01	15	1	O-ring, FEP	9611-99-2148	13	1	Spring	9612-1376-02
12	1	O-ring, FPM	9611-99-2150	15	1	O-ring, NBR	9611-99-2147	43	1	Lip seal	31446-0088-2	14	2	Rotating seal ring, SIC	9612-1364-02
13	1	Spring	9612-1376-01	43	1	Lip seal	31446-0088-2	44	1	O-ring for seal housing	9611-99-2153	15	2	O-ring, FPM	9611-99-2146
14	1	Rotating seal ring, carbon	9612-1364-01	44	1	O-ring for seal housing	9611-99-2153	50	1	O-ring, EPDM	9611-99-2156	44	1	O-ring for seal housing	9611-99-2153
15	1	O-ring, FPM	9611-99-2146	45	1	O-ring for drive ring	9611-99-2145	51	1	Sec. stationary seal ring SIC	9612-1383-02	44	1	O-ring, EPDM	9611-99-2156
Complete shaft seal, FEP				Complete shaft seal, FPM				52	1	Drive ring	9612-1383-02	50	1	Sec. stationary seal ring SIC	9612-1383-02
11	1	Stationary seal ring, SIC	9612-1296-12	11	1	Stationary seal ring, SIC	9612-1296-27	Double mechanical shaft seal				51	1	Sec. stationary seal ring SIC	9612-1383-02
12	1	Stationary seal ring, SIC	9612-1379-01	12	1	O-ring, FPM	9611-99-2150	11	1	Stationary seal ring, SIC	9612-1379-01	52	1	Drive ring	9612-1383-02
13	1	O-ring, FEP	9611-99-2152	13	1	Spring	9612-1376-01	12	1	O-ring, EPDM	9611-99-2149	Complete shaft seal, FPM			
14	1	Rotating seal ring, carbon	9612-1364-01	14	1	Rotating seal ring, carbon	9612-1364-01	13	1	Spring	9612-1376-02	11	1	Stationary seal ring, SIC	9612-1379-01
15	1	O-ring, FEP	9611-99-2148	15	1	O-ring, FPM	9611-99-2146	14	2	Rotating seal ring, carbon	9612-1364-01	12	1	O-ring, FPM	9611-99-2150
Alternatives for single shaft seal				43	1	Lip seal	31446-0088-2	44	1	O-ring for seal housing	9611-99-2153	13	1	Spring	9612-1376-02
Complete shaft seal, EPDM				44	1	O-ring for seal housing	9611-99-2153	50	1	O-ring, EPDM	9611-99-2156	14	2	Rotating seal ring, SIC	9612-1364-02
11	1	Stationary seal ring, SIC	9612-1296-05	45	1	O-ring for drive ring	9611-99-2145	51	1	Sec. stationary seal ring SIC	9612-1383-02	15	2	O-ring, FPM	9611-99-2146
12	1	O-ring, EPDM	9611-99-2149	Complete shaft seal, FEP				52	1	Drive ring	9612-1383-02	44	1	O-ring for seal housing	9611-99-2153
13	1	Spring	9612-1376-01	11	1	Stationary seal ring, SIC	9612-1296-28	Complete shaft seal, NBR				50	1	O-ring, EPDM	9611-99-2156
14	1	Rotating seal ring, SIC	9612-1364-02	12	1	O-ring, FEP	9611-99-2152	11	1	Stationary seal ring, SIC	9612-1296-14	51	1	Sec. stationary seal ring SIC	9612-1383-02
15	1	O-ring, EPDM	9611-99-2145	13	1	Spring	9612-1376-01	12	1	O-ring, NBR	9611-99-2151	52	1	Drive ring	9612-1383-02
Complete shaft seal, NBR				14	1	Rotating seal ring, carbon	9612-1364-01	13	1	Spring	9612-1376-02	Complete shaft seal, FEP			
11	1	Stationary seal ring, SIC	9612-1379-01	15	1	O-ring, FEP	9611-99-2148	14	2	Rotating seal ring, carbon	9612-1364-01	11	1	Stationary seal ring, SIC	9612-1379-01
12	1	O-ring, NBR	9611-99-2151	43	1	Lip seal	31446-0088-2	15	2	O-ring, EPDM	9611-99-2156	12	1	O-ring, FEP	9611-99-2152
13	1	Spring	9612-1376-01	44	1	O-ring for seal housing	9611-99-2153	50	1	O-ring, EPDM	9611-99-2156	13	1	Spring	9612-1376-02
14	1	Rotating seal ring, SIC	9612-1364-02	45	1	O-ring for drive ring	9611-99-2145	51	1	Sec. stationary seal ring SIC	9612-1383-02	14	2	Rotating seal ring, SIC	9612-1364-02
15	1	O-ring, NBR	9611-99-2147	Alternatives for flushed shaft seal				52	1	Drive ring	9612-1383-02	15	2	O-ring, FPM	9611-99-2146
Complete shaft seal, FPM				Complete shaft seal, EPDM				Complete shaft seal, FEP				44	1	O-ring for seal housing	9611-99-2153
11	1	Stationary seal ring, SIC	9612-1296-07	11	1	Stationary seal ring, SIC	9612-1296-29	11	1	Stationary seal ring, SIC	9612-1296-15	50	1	O-ring, EPDM	9611-99-2156
12	1	O-ring, FPM	9611-99-2150	12	1	O-ring, EPDM	9611-99-2149	12	1	O-ring, FPM	9612-1296-16	51	1	Sec. stationary seal ring SIC	9612-1383-02
13	1	Spring	9612-1376-01	13	1	Spring	9612-1376-01	13	1	Spring	9612-1379-01	52	1	Drive ring	9612-1383-02
14	1	Rotating seal ring, SIC	9612-1364-02	14	1	Rotating seal ring, SIC	9612-1364-02	14	2	Rotating seal ring, carbon	9612-1364-01	Complete shaft seal, NBR			
15	1	O-ring, FPM	9611-99-2146	15	1	O-ring, EPDM	9611-99-2145	15	2	O-ring, FPM	9611-99-2146	11	1	Stationary seal ring, SIC	9612-1296-20
Complete shaft seal, FEP				43	1	Lip seal	31446-0088-2	44	1	O-ring for seal housing	9611-99-2153	12	1	O-ring, FEP	9611-99-2152
11	1	Stationary seal ring, SIC	9612-1296-08	44	1	O-ring for seal housing	9611-99-2153	50	1	O-ring, EPDM	9611-99-2156	13	1	Spring	9612-1376-02
12	1	O-ring, FEP	9611-99-2152	45	1	O-ring for drive ring	9611-99-2145	51	1	Sec. stationary seal ring SIC	9612-1383-02	14	2	Rotating seal ring, SIC	9612-1364-02
13	1	Spring	9612-1376-01	Complete shaft seal, NBR				52	1	Drive ring	9612-1383-02	15	2	O-ring, FPM	9611-99-2146
14	1	Rotating seal ring, SIC	9612-1364-02	11	1	Stationary seal ring, SIC	9612-1296-30	Complete shaft seal, FEP				44	1	O-ring for seal housing	9611-99-2153
15	1	O-ring, FEP	9611-99-2148	12	1	O-ring, NBR	9611-99-2151	11	1	Stationary seal ring, SIC	9612-1296-10	50	1	O-ring, EPDM	9611-99-2156
Complete shaft seal, NBR				13	1	Spring	9612-1376-01	12	1	O-ring, FEP	9611-99-2152	51	1	Sec. stationary seal ring SIC	9612-1383-02
11	1	Stationary seal ring, SIC	9612-1379-01	14	1	Rotating seal ring, SIC	9612-1364-02	13	1	Spring	9612-1376-02	52	1	Drive ring	9612-1383-02
12	1	O-ring, NBR	9611-99-2151	15	1	O-ring, NBR	9611-99-2147	14	2	Rotating seal ring, carbon	9612-1364-01	Complete shaft seal, FPM			
13	1	Spring	9612-1376-01	43	1	Lip seal	31446-0088-2	15	2	O-ring, FPM	9611-99-2146	11	1	Stationary seal ring, SIC	9612-1379-01
14	1	Rotating seal ring, SIC	9612-1364-02	44	1	O-ring for seal housing	9611-99-2153	44	1	O-ring for seal housing	9611-99-2153	12	1	O-ring, FPM	9611-99-2150
15	1	O-ring, FEP	9611-99-2148	45	1	O-ring for drive ring	9611-99-2145	50	1	O-ring, EPDM	9611-99-2156	13	1	Spring	9612-1376-02
Complete shaft seal, FPM				Complete shaft seal, FEP				51	1	Sec. stationary seal ring SIC	9612-1383-02	14	2	Rotating seal ring, SIC	9612-1364-02
11	1	Stationary seal ring, SIC	9612-1296-09	11	1	Stationary seal ring, SIC	9612-1296-28	52	1	Drive ring	9612-1383-02	15	2	O-ring, FPM	9611-99-2146
12	1	Stationary seal ring, SIC	9612-1379-01	12	1	O-ring, FEP	9611-99-2152	Complete shaft seal, NBR				44	1	O-ring for seal housing	9611-99-2153
13	1	O-ring, EPDM	9611-99-2149	13	1	Spring	9612-1376-01	11	1	Stationary seal ring, SIC	9612-1296-14	50	1	O-ring, EPDM	9611-99-2156
14	1	Rotating seal ring, carbon	9612-1364-01	14	1	Rotating seal ring, carbon	9612-1364-01	12	1	O-ring, NBR	9611-99-2151	51	1	Sec. stationary seal ring SIC	9612-1383-02
15	1	O-ring, EPDM	9611-99-2145	15	1	O-ring, FEP	9611-99-2148	13	1	Spring	9612-1376-02	52	1	Drive ring	9612-1383-02
Complete shaft seal, FEP				43	1	Lip seal	31446-0088-2	14	2	Rotating seal ring, carbon	9612-1364-01	Complete shaft seal, FPM			
11	1	Stationary seal ring, SIC	9612-1296-12	44	1	O-ring for seal housing	9611-99-2153	15	2	O-ring, FPM	9611-99-2146	11	1	Stationary seal ring, SIC	9612-1379-01
12	1	Stationary seal ring, SIC	9612-1379-01	45	1	O-ring for drive ring	9611-99-2145	44	1	O-ring for seal housing	9611-99-2153	12	1	O-ring, FPM	9611-99-2150
13	1	O-ring, FEP	9611-99-2152	Complete shaft seal, NBR				50	1	O-ring, EPDM	9611-99-2156	13	1	Spring	9612-1376-02
14	1	Rotating seal ring, SIC	9612-1364-02	11	1	Stationary seal ring, SIC	9612-1296-30	51	1	Sec. stationary seal ring SIC	9612-1383-02	14	2	Rotating seal ring, SIC	9612-1364-02
15	1	O-ring, FEP	9611-99-2148	12	1	O-ring, NBR	9611-99-2151	52	1	Drive ring	9612-1383-02	15	2	O-ring, FPM	9611-99-2146
Complete shaft seal, NBR				13	1	Spring	9612-1376-01	Complete shaft seal, FEP				44	1	O-ring for seal housing	9611-99-2153
11	1	Stationary seal ring, SIC	9612-1379-01	14	1	Rotating seal ring, SIC	9612-1364-02	11	1	Stationary seal ring, SIC	9612-1296-10	50	1	O-ring, EPDM	9611-99-2156
12	1	O-ring, NBR	9611-99-2151	15	1	O-ring, NBR	9611-99-2147	12	1	O-ring, FEP	9611-99-2152	51	1	Sec. stationary seal ring SIC	9612-1383-02
13	1	Spring	9612-1376-01	43	1	Lip seal	31446-0088-2	13	1	Spring	9612-1376-02	52	1	Drive ring	9612-1383-02
14	1	Rotating seal ring, SIC	9612-1364-02	44	1	O-ring for seal housing	9611-99-2153	14	2	Rotating seal ring, carbon	9612-1364-01	Complete shaft seal, FPM			
15	1	O-ring, FEP	9611-99-2148	45	1	O-ring for drive ring	9611-99-2145	15	2	O-ring, FPM	9611-99-2146	11	1	Stationary seal ring, SIC	9612-1379-01
Complete shaft seal, FPM				Complete shaft seal, FEP				44	1	O-ring for seal housing	9611-99-2153	12	1	O-ring, FPM	9611-99-2150
11	1	Stationary seal ring, SIC	9612-1296-09	11	1	Stationary seal ring, SIC	9612-1296-28	50	1	O-ring, EPDM	9611-99-2156	13	1	Spring	9612-1376-02
12	1	Stationary seal ring, SIC	9612-1379-01	12	1	O-ring, FEP	9611-99-2152	51	1	Sec. stationary seal ring SIC	9612-1383-02	14	2	Rotating seal ring, SIC	9612-1364-02
13	1	O-ring, EPDM	9611-99-2149	13	1	Spring	9612-1376-01	52	1	Drive ring	9612-1383-02	15	2	O-ring, FPM	9611-99-2146
14	1	Spring	9612-1376-01	14	1	Rotating seal ring, SIC	9612-1364-02	Complete shaft seal, NBR				44	1	O-ring for seal housing	9611-99-2153
15	1	Rotating seal ring, carbon	9612-1364-01	15	1	O-ring, NBR	9611-99-2147	11	1	Stationary seal ring, SIC	9612-1296-14	50	1	O-ring, EPDM	9611-99-2156
15	1	O-ring, EPDM	9611-99-2145	43	1	Lip seal	31446-0088-2	12	1	O-ring, FEP	9611-99-2152	51	1	Sec. stationary seal ring SIC	9612-1383-02
Complete shaft seal, NBR				44	1	O-ring for seal housing	9611-99-2153	13	1	Spring	9612-1376-02	52	1	Drive ring	