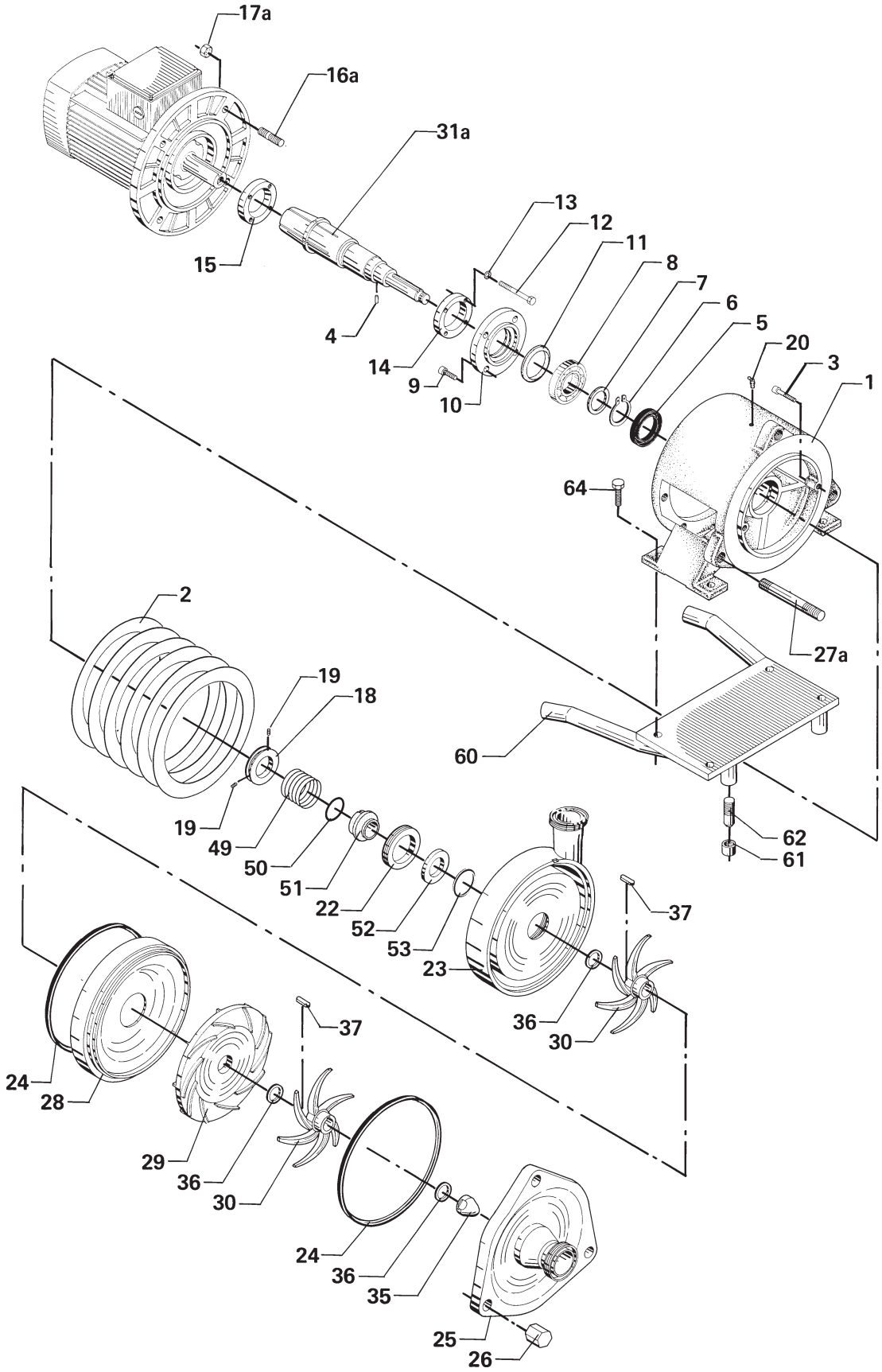
Spare Parts

RM Centrifugal Pump

Centrifugal Pump
Type RM-2

Not manufactured anymore



Not manufactured anymore

-7.5 kW Single Shaft Seal

Pos.	Qty.	Denomination	
	1	M2AA motor 7.5 kW, 220-240/380-420 V	9612-4028-24
	1	*MBT motor 7.5 kW, 220-240/380-420 V	31801-0099-1
	1	M2AA motor 7.5 kW, 380-420/420 V	9612-4028-26
	1	*MBT motor 7.5 kW, 380-420/420 V	31801-0099-3
1	1	Frame	31454-0002-2
2	1	Spacer	31454-0033-1
3	1	Screw	2217755-08
4	1	Cylindrical pin	9611-99-1492
5Δ	2	Sealing ring	526322-02
6Δ	1	Snap ring	74206
7	1	Ring	31454-0025-1
8	1	Ball bearing	233217-05
9	3	Screw	2217755-25
10	1	Bearing cover	31454-0014-1
11Δ	1	Felt strip	32341
12	4	Screw	2210941-04
13	4	Lock washer	527314-05
14	1	Ring	31454-0026-1
15	1	Ring	31454-0027-1
16a	4	Stud bolt	2216261-02
17a	4	Nut	72946
18	1	Thrower	31454-0024-1
19	2	Set screw	221533-03
20	1	Lubricant nipple	7240
22	1	Lock washer	31454-0023-1
23	1	Pump casing with sanitary fittings. Connections 51 mm	
		ISO male	31454-0004-1
		SMS	31454-0004-2
		DIN	31454-0004-3
		ISO clamp	31454-0004-4
		BS	31454-0004-5
24Δ	2	Joint ring, NBR	31454-0019-1
25	1	Casing cover with sanitary fittings. Connections 76 mm	
		ISO male	31454-0010-1
		SMS	31454-0010-2
		DIN	31454-0010-3
		ISO clamp	31454-0010-4
		BS	31454-0010-5
26	3	Nut	110108
27a	3	Stud bolt	31454-0029-1

Pos.	Qty.	Denomination	
28	1	Intermediate part	31454-0012-1
29	1	Guide vanes	31454-0008-1
30*	2	Impeller, ø200 mm (Standard)	31454-0006-1
	2	Impeller, ø 220 mm	31454-0034-1
31a	1	Shaft for motor shaft ø38 mm (7.5 kW)	31454-0057-1
35	1	Nut	31454-0016-1
36Δ	3	Sealing washer	31454-0017-1
37Δ	2	Key	190412
60	1	Foot stand	31454-0065-2
61	4	Lock nut	31437-0073-1
62	4	Adjustable foot	31437-0074-1
64	4	Screw	2210947-16

Δ Single Shaft Seal

		Shaft seal complete, EPDM (Standard)	31454-0090-2
49	1	Spring	31454-0091-1
50	1	O-ring, EPDM	31454-0092-2
51	1	Rotating seal ring	31454-0089-1
52	1	Stationary seal ring	31454-0022-1
53	1	Packing, EPDM	31454-0032-2

Δ Single Shaft Seal

		Shaft seal complete, NBR	31454-0090-1
49	1	Spring	31454-0091-1
50	1	O-ring, NBR	31454-0092-1
51	1	Rotating seal ring	31454-0089-1
52	1	Stationary seal ring	31454-0022-1
53	1	Packing, NBR	31454-0032-1

Alternative Seal Rings for abrasive liquids

52	1	Stationary seal ring with silicone carbide	31454-0022-3

Tools

	1	Key for hex. socket screw	42347
	1	Spanner for seal	31454-0038-1
	1	Spanner for impeller	42387

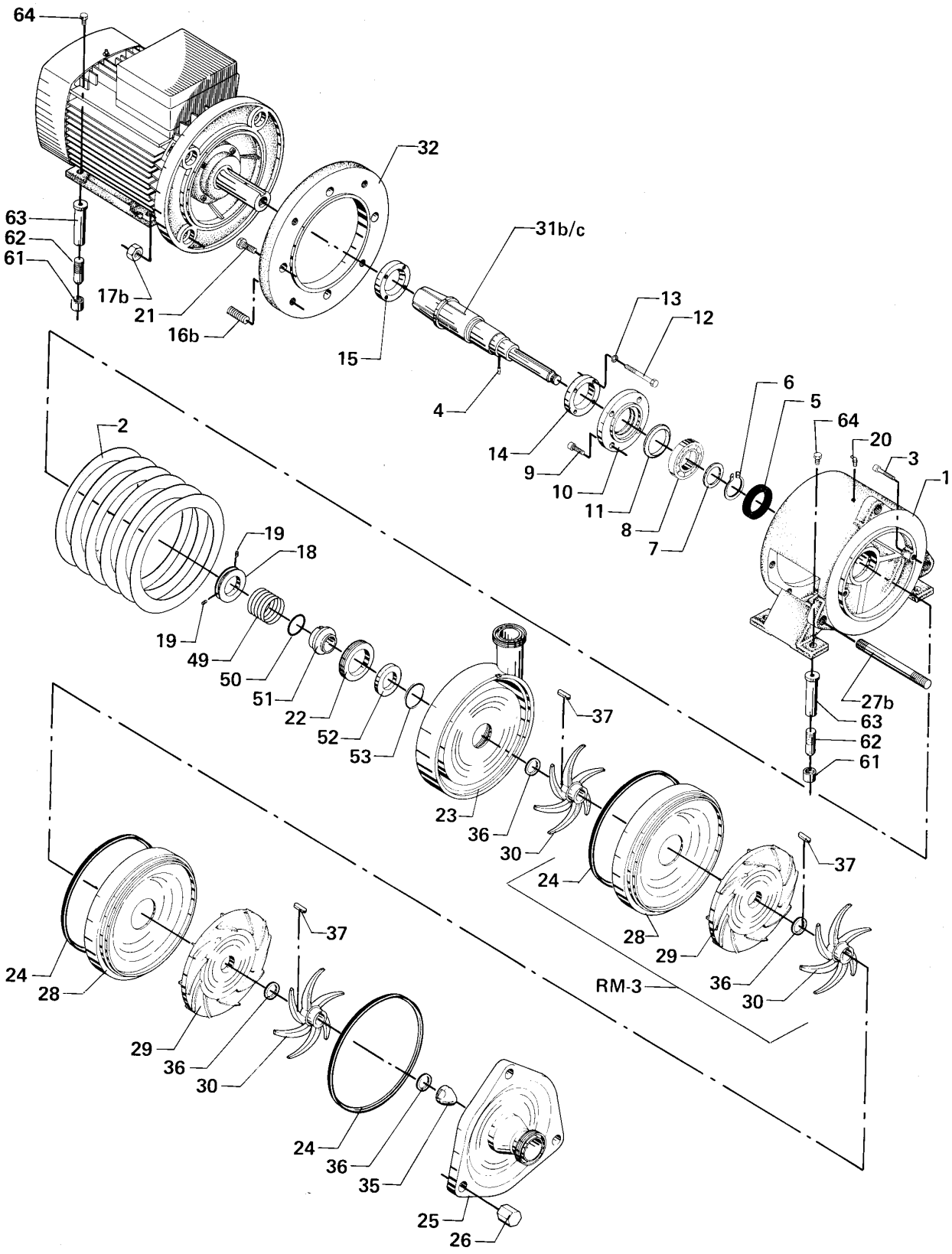
Δ	**Service kit, EPDM.**	**9611-92-1087**
Δ	**Service kit, NBR.**	**9611-92-1088**

Parts marked with Δ are included in the **Service kits.**
Recommended spare parts: **Service kits**.

* MBT motor (Period -9310) not avaible anymore.

** Sometimes reduced impeller dia. Check the dia. of original impeller.

Centrifugal Pump
Type RM-2 & RM-3



Not manufactured anymore

11-18.5 kW Single Shaft Seal

Pos.	Qty.	Denomination	RM-2/RM-3
	1	Motor 11 kW, 220-240/380-420 V	31801-0122-1
	1	Motor 11 kW, 380/660 V 380-420/660 V	31801-0122-3
	1	Motor 15 kW, 220-240/380-420 V	31801-1194-1
	1	Motor 15 kW, 380-420/660 V	31801-1194-3
	1	Motor 18.5 kW, 220-240/380-420 V	31801-1867-1
	1	Motor 18.5 kW, 380-420/660 V	31801-1867-3
1	1	Frame	31454-0002-2
2	1	Spacer	31454-0033-1
3	1	Screw	2217755-08
4	1	Cylindrical pin	9611-99-1492
5Δ	2	Sealing ring	526322-02
6Δ	1	Snap ring	74206
7	1	Ring	31454-0025-1
8	1	Ball bearing	233217-05
9	3	Screw	2217755-25
10	1	Bearing cover	31454-0014-1
11Δ	1	Felt strip	32341
12	4	Screw	2210941-04
13	4	Lock washer	527314-05
14	1	Ring	31454-0026-1
15	1	Ring	31454-0027-1
16b	4	Stud bolt	2216261-02
17b	4	Nut	72946
18	1	Thrower	31454-0024-1
19	2	Set screw	221533-03
20	1	Lubricant nipple	7240
21	4	Screw	2217767-14
22	1	Lock washer	31454-0023-1
23	1	Pump casing with sanitary fittings. Connections 51 mm	
		ISO male	31454-0004-1
		SMS	31454-0004-2
		DIN	31454-0004-3
		ISO clamp	31454-0004-4
		BS	31454-0004-5
24Δ	2	Joint ring, NBR	31454-0019-1
25	1	Casing cover with sanitary fittings. Connections 51 mm	
		ISO male	31454-0010-1
		SMS	31454-0010-2
		DIN	31454-0010-3
		ISO clamp	31454-0010-4
		BS	31454-0010-5
26	3	Nut	110108

Pos.	Qty.	Denomination	RM-2	RM-3
27b	3	Stud bolt	31454-0029-1	31454-0030-1
28	1	Intermediate part	31454-0012-1	31454-0012-1
29	1	Guide vanes	31454-0008-1	31454-0008-1
30*	2	Impeller, ø200 mm (Standard)	31454-0006-1	31454-0006-1
	2	Impeller, ø 220 mm	31454-0034-1	31454-0034-1
31b	1	Shaft for motor shaft ø42 mm (11-15 kW)	31454-0056-1	
31c	1	Shaft for motor shaft ø42 mm (11-15 kW)		31454-0060-1
32	1	Intermediate flange	31454-0068-1	31454-0068-1
35	1	Nut	31454-0016-1	31454-0016-1
36Δ	3	Sealing washer	31454-0017-1	31454-0017-1
37Δ	2	Key	190412	190412
61	4	Lock nut	31437-0073-1	31437-0073-1
62	4	Adjustable foot	31437-0074-1	31437-0074-1
63	4	Leg	31454-0067-2	31454-0067-2
64	4	Screw	2210947-16	2210947-16

* Sometimes reduced impeller dia. Check the dia. of original impeller.

Δ Single Shaft Seal (Standard)

		Shaft seal complete, EPDM	31454-0090-2	31454-0090-2
49	1	Spring	31454-0091-1	31454-0091-1
50	1	O-ring, EPDM	31454-0092-2	31454-0092-2
51	1	Rotating seal ring	31454-0089-1	31454-0089-1
52	1	Stationary seal ring	31454-0022-1	31454-0022-1
53	1	Packing, EPDM	31454-0032-2	31454-0032-2

Δ Single Shaft Seal

		Shaft seal complete, NBR	31454-0090-1	31454-0090-1
49	1	Spring	31454-0091-1	31454-0091-1
50	1	O-ring, NBR	31454-0092-1	31454-0092-1
51	1	Rotating seal ring	31454-0089-1	31454-0089-1
52	1	Stationary seal ring	31454-0022-1	31454-0022-1
53	1	Packing, NBR	31454-0032-1	31454-0032-1

Alternative Seal Rings for abrasive liquids

52	1	Stationary seal ring with silicone carbide	31454-0022-3	31454-0022-3

Tools

	1	Key for hex. socket screw	42347	42347
	1	Spanner for seal	31454-0038-1	31454-0038-1
	1	Spanner for impeller	42387	42387
Δ		**Service kit, EPDM.**	**9611-92-1087**	**9611-92-1087**
Δ		**Service kit, NBR.**	**9611-92-1088**	**9611-92-1088**

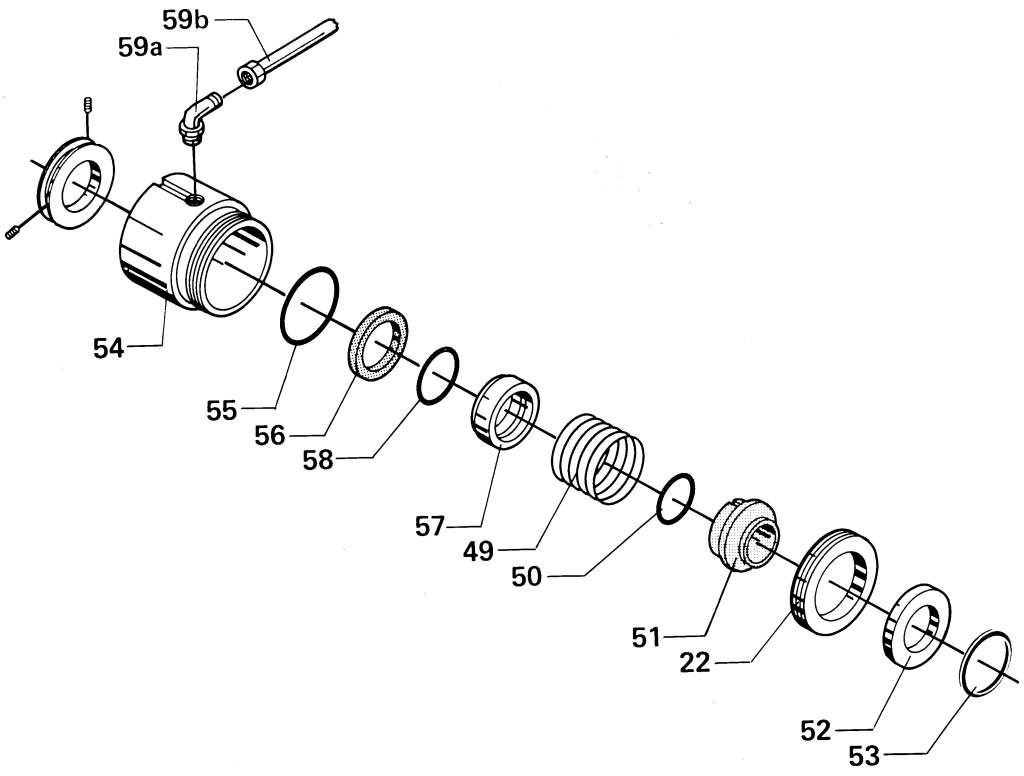
Parts marked with Δ are included in the **Service kits.**

Recommended spare parts: **Service kits**.

Not manufactured anymore

Centrifugal Pump
Type RM-2 & RM-3

Not manufactured anymore



Not manufactured anymore

Double Shaft Seal

Pos.	Qty.	Denomination	
Parts for Double Shaft Seal			
22	1	Lock washer	31454-0023-1
54	1	Seal housing	31454-0070-1
59a	2	Tube fitting	2525524-02
59b	2	Copper tube	31439-0122-4
Δ		Shaft seal complete, EPDM (Standard)	31454-0094-2
49	1	Spring	31454-0077-1
50	1	O-ring, EPDM	9611-99-1775
51	1	Rotating seal ring	31454-0020-1
52	1	Stationary seal ring	31454-0022-1
53	1	Packing, EPDM	31454-0032-2
55	1	O-ring, EPDM	9611-99-0066
56	1	Stationary seal ring (reversible)	31454-0071-1
57	1	Rotating seal ring	31454-0072-1
58	1	O-ring, EPDM	990014-14
Double Shaft Seal			
Δ		Shaft seal complete, NBR	31454-0094-1
49	1	Spring	31454-0077-1
50	1	O-ring, NBR	223401-57
51	1	Rotating seal ring	31454-0020-1
52	1	Stationary seal ring	31454-0022-1
53	1	Packing, NBR	31454-0032-1
55	1	O-ring, NBR	223406-76
56	1	Stationary seal ring (reversible)	31454-0071-1
57	1	Rotating seal ring	31454-0072-1
58	1	O-ring, NBR	223406-61
Alternative Seal Rings for Abrasive Liquids			
51	1	Rotating seal ring with silicone carbide	31454-0020-3
52	1	Stationary seal ring with silicone carbide	31454-0022-3
	Δ	**Service kit, EPDM.**	**9611-92-1089**
	Δ	**Service kit, NBR.**	**9611-92-1090**

Recommended spare parts: **Service kits**.

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