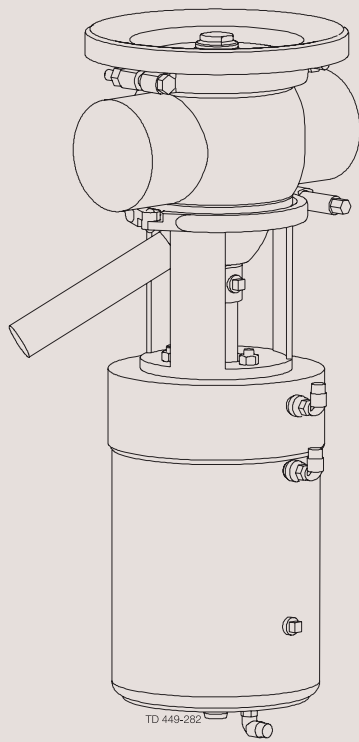


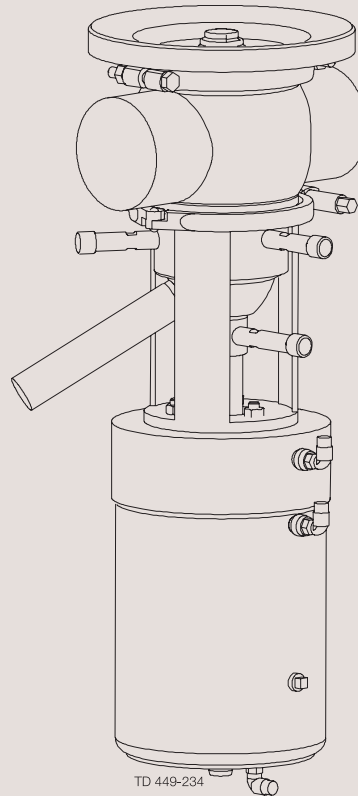


Spare Parts

Unique-TO Sanitary Mixproof Tank Outlet Valve



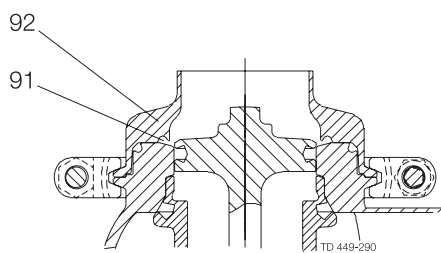
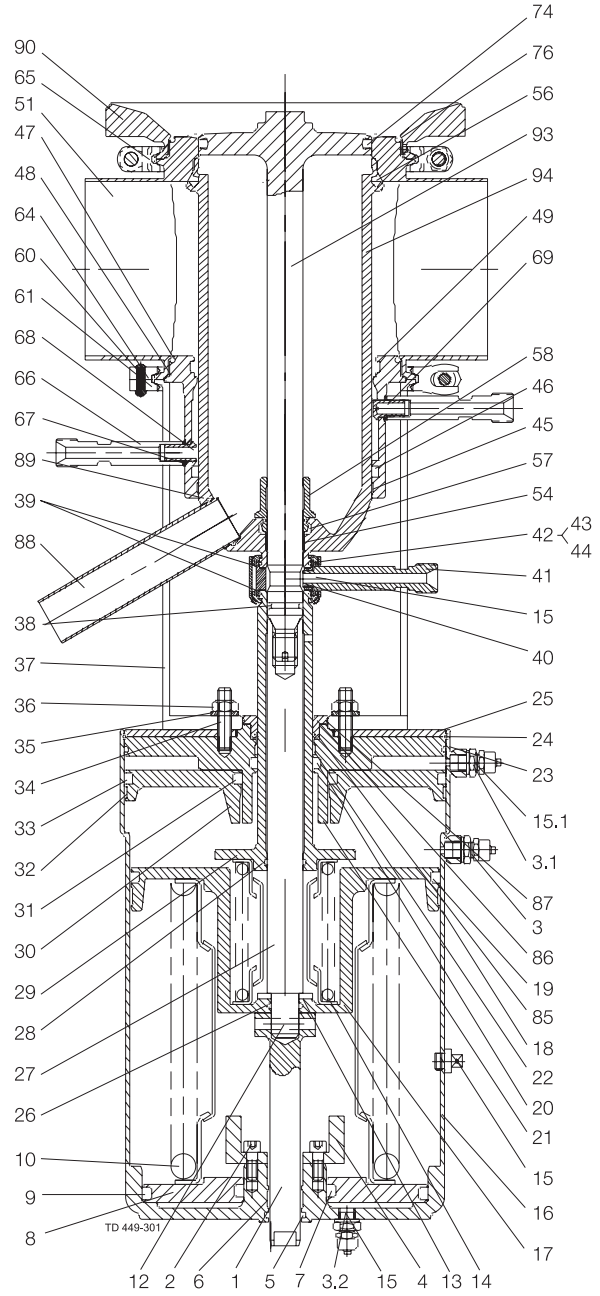
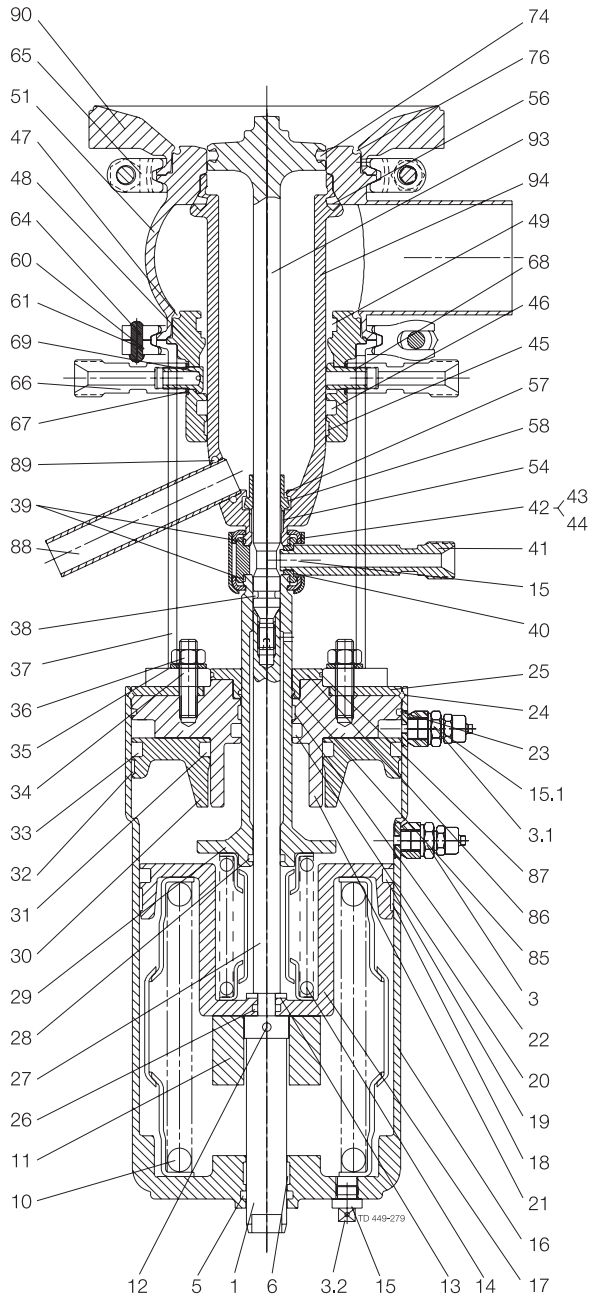
TD 449-282



TD 449-234

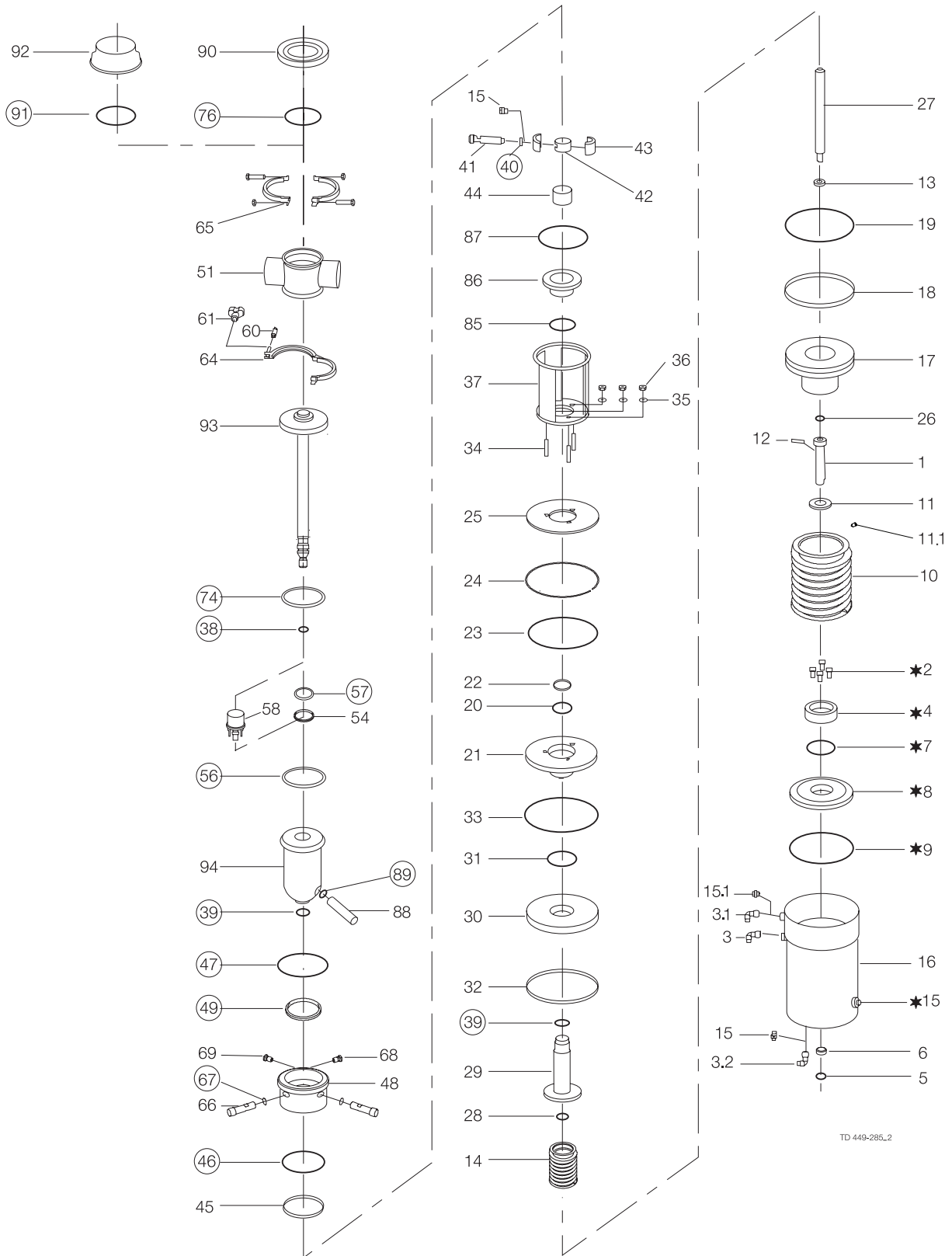
ø120

ø157/ø186



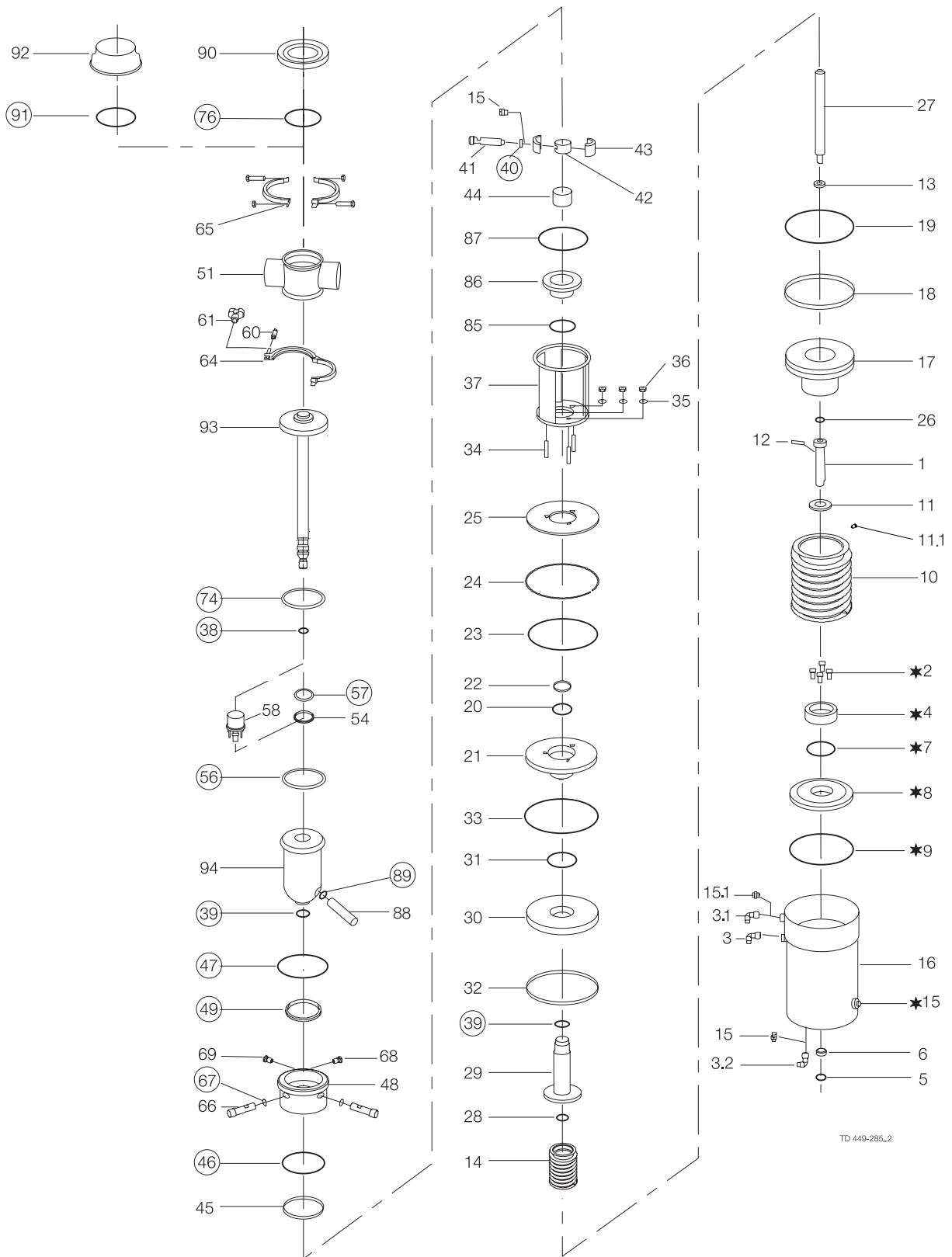
Wear Parts

Pos.	Qty.	Denomination	DN/OD 63.5			
			DN/OD 51 DN 50	DN 65 DN/OD 76.1 DN 80	DN/OD 101.6 DN 100	DN 125 DN 150
38	1	O-ring, EPDM.....	9611-99-3555	9611-99-3572	9611-99-3572	9611-99-3572
39	2	O-ring, EPDM.....	9611-99-3492	9611-99-3493	9611-99-3493	9611-99-3493
40	1	O-ring, EPDM.....	9611-99-3119	9611-99-3119	9611-99-3119	9611-99-3119
46	1	O-ring, EPDM.....	9611-99-3650	9611-99-3651	9611-99-4407	9611-99-3652
47	1	O-ring, EPDM.....	9611-99-3632	9611-99-3636	9611-99-3640	9611-99-3644
	1	O-ring, NBR.....	9611-99-3633	9611-99-3637	9611-99-3641	9611-99-3645
	1	O-ring, FPM.....	9611-99-3634	9611-99-3638	9611-99-3642	9611-99-3646
	1	O-ring, HNBR.....	9611-99-3635	9611-99-3639	9611-99-3643	9611-99-3647
49	1	Lip seal, EPDM.....	9613-0085-21	9613-0085-26	9613-0085-48	9613-0085-31
	1	Lip seal, NBR.....	9613-0085-22	9613-0085-27	9613-0085-49	9613-0085-32
	1	Lip seal, FPM.....	9613-0085-23	9613-0085-28	9613-0085-50	9613-0085-33
	1	Lip seal; HNBR.....	9613-0085-24	9613-0085-29	9613-0085-51	9613-0085-34
56	1	Seal ring, EPDM.....	9613-0951-06	9613-0951-09	9613-0951-19	9613-0951-12
	1	Seal ring, NBR.....	9613-0951-14	9613-0951-15	9613-0951-20	9613-0951-16
	1	Seal ring, FPM.....	9613-0951-05	9613-0951-08	9613-0951-18	9613-0951-11
	1	Seal ring, HNBR.....	9613-0951-04	9613-0951-07	9613-0951-17	9613-0951-10
57	1	Lip seal, EPDM.....	9613-0087-06	9613-0087-11	9613-0087-11	9613-0087-11
	1	Lip seal, NBR.....	9613-0087-07	9613-0087-12	9613-0087-12	9613-0087-12
	1	Lip seal, FPM.....	9613-0087-08	9613-0087-13	9613-0087-13	9613-0087-13
	1	Lip seal, HNBR.....	9613-0087-09	9613-0087-14	9613-0087-14	9613-0087-14
67	2	O-ring, EPDM.....	9611-99-3119	9611-99-3119	9611-99-3119	9611-99-3119
74	1	Seal ring, EPDM.....	9613-0952-06	9613-0952-09	9613-0952-19	9613-0952-12
	1	Seal ring, NBR.....	9613-0952-14	9613-0952-15	9613-0952-20	9613-0952-16
	1	Seal ring, FPM.....	9613-0952-05	9613-0952-08	9613-0952-18	9613-0952-11
	1	Seal ring, HNBR.....	9613-0952-04	9613-0952-07	9613-0952-17	9613-0952-10
76	1	O-ring, EPDM.....	9611-99-3632	9611-99-3636	9611-99-3640	9611-99-3640
	1	O-ring, NBR.....	9611-99-3633	9611-99-3637	9611-99-3641	9611-99-3641
	1	O-ring, FPM.....	9611-99-3634	9611-99-3638	9611-99-3642	9611-99-3642
	1	O-ring, HNBR.....	9611-99-3635	9611-99-3639	9611-99-3643	9611-99-3643
89	1	O-ring, EPDM.....	9611-99-4603	9611-99-4600	9611-99-4600	9611-99-4600
91	1	O-ring, EPDM.....	9611-99-4606	9611-99-4610	9611-99-4614	9611-99-3640
	1	O-ring, NBR.....	9611-99-4607	9611-99-4611	9611-99-4615	9611-99-3641
	1	O-ring, FPM.....	9611-99-4608	9611-99-4612	9611-99-4616	9611-99-3642
	1	O-ring, HNBR.....	9611-99-4609	9611-99-4613	9611-99-4617	9611-99-3643



Parts

Pos.	Qty.	Denomination	DN/OD 51 DN 50	LONG-STROKE			DN 125 DN 150
				DN/OD 63.5 DN 65 DN/OD 76.1 DN 80	DN/OD 63.5 DN 65 DN/OD 76.1 DN 80	DN/OD 101.6 DN 100	
1	1	Upper stem.....	9613-0101-02	9613-0074-01	9613-0074-02	9613-0074-02	9613-0074-02
2	4	Screw.....		9611-99-3342	9611-99-3342	9611-99-3342	9611-99-3342
3	1,2,3	Air fitting.....	9611-99-1988	9611-99-1988	9611-99-1988	9611-99-1988	9611-99-1988
4	1	Stop for upper piston.....		9613-0053-01	9613-0053-02	9613-0053-02	9613-0053-02
5	1	O-ring, NBR.....	9611-99-3499	9611-99-3499	9611-99-3499	9611-99-3499	9611-99-3499
6	1	Guide ring, Turcite.....	9613-0084-08	9613-0084-08	9613-0084-08	9613-0084-08	9613-0084-08
7	1	O-ring, NBR.....		9611-99-3514	9611-99-3514	9611-99-3514	9611-99-3514
8	1	Upper piston.....		9613-0056-01	9613-0056-02	9613-0056-02	9613-0056-02
9	1	O-ring, NBR.....		9611-99-3512	9611-99-3513	9611-99-3513	9611-99-3513
10	1	Spring assembly.....	9613-0125-01	9613-0075-02	9613-0256-04	9613-0256-04	9613-0256-04
11	1	Distance spacer.....	9613-0102-02				
11.1	1	Screw.....	9611-99-1763				
12	1	Pin.....	9611-99-4197	9611-99-4198	9611-99-4199	9611-99-4199	9611-99-4199
13	1	Washer.....	9611-99-3594	9611-99-3595	9611-99-3596	9611-99-3596	9611-99-3596
14	1	Spring assembly.....	9613-0131-01	9613-0095-02	9613-0095-02	9613-0095-02	9613-0095-02
15	1,2,3	Plug.....	9613-4141-01	9613-4141-01	9613-4141-01	9613-4141-01	9613-4141-01
15.1	1	Plug.....	9611-99-3709	9611-99-3709	9611-99-3709	9611-99-3709	9611-99-3709
16	1	Cylinder.....	9613-0126-07	9613-0051-07	9613-0150-12	9613-0150-12	9613-0150-12
		Cylinder blasted (without 3A marking)...	9613-0126-07	9613-0051-07	9613-0150-12	9613-0150-12	9613-0150-12
		Cylinder blasted (with 3A marking).....	9613-0126-09	9613-0051-09	9613-0150-14	9613-0150-14	9613-0150-14
		Cylinder polished (with 3A marking).....	9613-0126-10	9613-0051-10	9613-0150-15	9613-0150-15	9613-0150-15
17	1	Main piston.....	9613-0132-01	9613-0057-01	9613-0159-01	9613-0159-01	9613-0159-01
18	1	Guide ring, Turcite.....	9613-0084-09	9613-0084-10	9613-0084-11	9613-0084-11	9613-0084-11
19	1	O-ring, NBR.....	9611-99-3505	9611-99-3507	9611-99-3509	9611-99-3509	9611-99-3509
20	1	O-ring, NBR.....	9611-99-3503	9611-99-3607	9611-99-3607	9611-99-3607	9611-99-3607
21	1	Bottom.....	9613-0140-01	9613-0054-01	9613-0168-01	9613-0168-01	9613-0168-01
22	1	Guide ring, Turcite.....	9613-0084-03	9613-0084-04	9613-0084-04	9613-0084-04	9613-0084-04
23	1	O-ring, NBR.....	9611-99-2228	9611-99-1489	22340675	22340675	22340675
24	1	Retaining ring.....	9613-0248-02	9613-0248-03	9613-0248-04	9613-0248-04	9613-0248-04
25	1	Cover disk.....	9613-0058-02	9613-0058-03	9613-0058-04	9613-0058-04	9613-0058-04
26	1	O-ring, NBR.....	9611-99-3528	9611-99-3495	9611-99-3530	9611-99-3530	9611-99-3530
27	1	Inner stem.....	9613-0106-02	9613-0073-01	9613-0073-02	9613-0073-02	9613-0073-02
28	1	O-ring.....	9611-99-3495	9611-99-0030	9611-99-0030	9611-99-0030	9611-99-0030
29	1	Piston rod.....	9613-0134-01	9613-0060-01	9613-0060-02	9613-0060-02	9613-0060-02
30	1	Lower piston.....	9613-0138-01	9613-0055-01	9613-0166-01	9613-0166-01	9613-0166-01
31	1	O-ring, NBR.....	42153	42153	42153	42153	42153
32	1	Guide ring, Turcite.....	9613-0084-05	9613-0084-06	9613-0084-07	9613-0084-07	9613-0084-07
33	1	O-ring, NBR.....	22341275	9611-99-3508	9611-99-3510	9611-99-3510	9611-99-3510
34	3	Bolt.....	9611-99-3618	9611-99-3618	9611-99-3618	9611-99-3618	9611-99-3618
35	3	Washer.....	9611-99-3594	9611-99-3594	9611-99-3594	9611-99-3594	9611-99-3594
36	3	Nut.....	9611-99-0360	9611-99-0360	9611-99-0360	9611-99-0360	9611-99-0360
41	1	Flushing tube.....	31357-1017-2	31357-1017-2	31357-1017-2	31357-1017-2	31357-1017-2
42	1	Spindle liner.....	9613-0116-01	9613-0090-01	9613-0090-01	9613-0090-01	9613-0090-01
43	2	Clamp.....	9613-0118-01	9613-0092-01	9613-0092-01	9613-0092-01	9613-0092-01



○ = Wear parts
 * = Positions not present on actuator ø120

Parts

Pos.	Qty.	Denomination	DN/OD 51 DN 50	DN/OD 63.5		LONG-STROKE DN/OD 63.5		DN/OD 101.6 DN 100	DN 125 DN 150
				DN 65 DN/OD 76.1 DN 80	DN 65 DN/OD 76.1 DN 80	DN 65 DN/OD 76.1 DN 80	DN 65 DN/OD 76.1 DN 80		
44	1	Lock.....	9613-0117-01	9613-0091-01	9613-0091-01	9613-0091-01	9613-0091-01	9613-0091-01	
45	1	Guide ring, PTFE.....	9613-0084-14	9613-0084-14	9613-0084-14	9613-0084-14	9613-0084-20	9613-0084-15	
48	1	Sealing element Plug set-up 12.....	9613-0142-02	9613-0064-02	9613-0064-02	9613-0064-02	9613-0660-01	9613-0170-02	
	1	Sealing element Plug set-up 6.....	9613-0491-01	9613-0492-01	9613-0492-01	9613-0492-01	9613-0659-01	9613-0494-01	
54	1	Guide ring, PTFE.....	9613-0084-01	9613-0084-02	9613-0084-02	9613-0084-02	9613-0084-02	9613-0084-02	
58	1	Spray nozzle, PVDF.....	9613-0988-01	9613-0989-01	9613-0989-01	9613-0989-01	9613-0989-01	9613-0989-01	
60	1	Hexnut.....	9613-0232-01	9613-0232-01	9613-0232-01	9613-0232-01	9613-0232-01	9613-0232-01	
61	1	Wingnut for USA.....	9612-5580-01	9612-5580-01	9612-5580-01	9612-5580-01	9612-5580-01	9612-5580-01	
64	1	Clamp without nut.....	9613-0215-01	9613-0216-01	9613-0216-01	9613-0216-01	9613-0217-01	9613-0218-01	
65	1	Clamp with screws.....	9613-0178-02	9613-0179-02	9613-0179-02	9613-0179-02	9613-0180-02	9613-0180-02	
	1	Clamp with screws for USA.....	9613-0178-03	9613-0179-03	9613-0179-03	9613-0179-03	9613-0180-03	9613-0180-03	
66	2	Flushing tube.....	9613-0079-02	9613-0079-03	9613-0079-03	9613-0079-03	9613-0079-04	9613-0079-05	
68	1	Drain.....	9613-0080-01	9613-0080-01	9613-0080-01	9613-0080-01	9613-0080-01	9613-0080-01	
69	1	Nozzle.....	9613-0080-02	9613-0080-02	9613-0080-02	9613-0080-02	9613-0080-02	9613-0080-02	
85	1	O-ring, NBR.....	9611-99-4604	9611-99-0092	9611-99-0092	9611-99-0092	9611-99-0092	9611-99-0092	
86	1	Prop.....	9613-0990-01	9613-0990-02	9613-0990-02	9613-0990-02	9613-0990-02	9613-0990-02	
87	1	O-ring, NBR.....	9611-99-4599	9611-99-4599	9611-99-4599	9611-99-4599	9611-99-4599	9611-99-4599	
88	1	Pipe for balance plug.....	9613-0981-01	9613-0981-02	9613-0981-02	9613-0981-02	9613-0981-02	9613-0981-02	
93	1	Tank plug Plug set-up 12.....	9613-0967-01	9613-0968-01	9613-0968-01	9613-0968-01	9613-0969-01		
	1	Tank plug Plug set-up 6.....	9613-0967-02	9613-0968-02	9613-0968-02	9613-0968-02	9613-0969-02		
	1	Tank plug Plug set-up 12 DN125.....							9613-0970-01
	1	Tank plug Plug set-up 6 DN125.....							9613-0970-02
	1	Tank plug Plug set-up 12 DN150.....							9613-0970-02
	1	Tank plug Plug set-up 6 DN150.....							N/A
94	1	Balance plug Plug set-up 12.....	9613-0963-01	9613-0964-01	9613-0964-01	9613-0964-01	9613-0965-01		
	1	Balance plug Plug set-up 6.....	9613-0963-02	9613-0964-02	9613-0964-02	9613-0964-02	9613-0965-02		
	1	Balance plug Plug set-up 12 DN125.....							9613-0966-01
	1	Balance plug Plug set-up 6 DN125.....							9613-0966-02
	1	Balance plug Plug set-up 12 DN150.....							9613-0966-02
	1	Balance plug Plug set-up 6 DN150.....							N/A

Parts

Pos.	Qty.	Denomination	DN/OD 51	DN 50	DN/OD 63.5	DN 65	DN/OD 76.1
37	1	Intermediate piece without cip.....	9613-0975-01	9613-0975-02	9613-0976-01	9613-0976-02	9613-0976-03
	1	Intermediate piece with cip.....	9613-0975-03	9613-0975-04	9613-0976-05	9613-0976-06	9613-0976-07
51	1	Valve body, upper, type 20.....	9613-0580-05	9613-0581-05	9613-0580-07	9613-0581-07	9613-0580-09
	1	Valve body, upper, type 30.....	9613-0580-06	9613-0581-06	9613-0580-08	9613-0581-08	9613-0580-10
90	1	Tank flange.....	9613-0991-01	9613-0991-01	9613-0992-01	9613-0992-01	9613-0992-01
92	1	Pipe flange.....	9613-0047-01	9613-0047-02	9613-0048-01	9613-0048-02	9613-0048-03

Pos.	Qty.	Denomination	DN 80	DN/OD 101.6	DN 100	DN 125	DN 150
37	1	Intermediate piece without cip.....	9613-0976-04	9613-0977-01	9613-0977-02	9613-0978-01	9613-0978-02
	1	Intermediate piece with cip.....	9613-0976-08	9613-0977-03	9613-0977-04	9613-0978-03	N/A
51	1	Valve body, type 20.....	9613-0581-09	9613-0580-37	9613-0581-49	9613-0581-13	9613-0581-15
	1	Valve body, type 30.....	9613-0581-10	9613-0580-38	9613-0581-50	9613-0581-14	9613-0581-16
90	1	Tank flange.....	9613-0992-01	9613-0993-01	9613-0993-01	9613-0993-01	9613-0993-01
92	1	Pipe flange.....	9613-0048-04	9613-0049-01	9613-0049-02	9613-0050-01	9613-0050-01

N/A = Not available

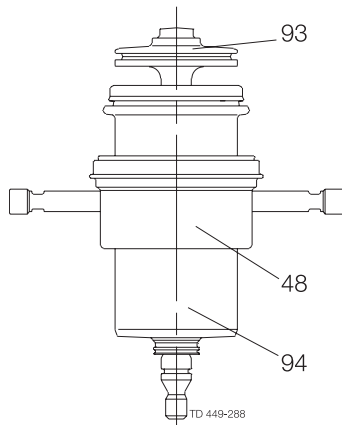
LONGSTROKE

Pos.	Qty.	Denomination	DN/OD 63.5	DN 65	DN/OD 76.1	DN 80
37	1	Intermediate piece without cip.....	9613-0976-17	9613-0976-18	9613-0976-19	9613-0976-20
	1	Intermediate piece with cip.....	9613-0976-21	9613-0976-22	9613-0976-23	9613-0976-24
51	1	Valve body, type 20.....	9613-0580-07	9613-0581-07	9613-0580-09	9613-0581-09
	1	Valve body, , type 30.....	9613-0580-08	9613-0581-08	9613-0580-10	9613-0581-10
90	1	Tank flange.....	9613-0992-01	9613-0992-01	9613-0992-01	9613-0992-01
92	1	Pipe flange.....	9613-0048-01	9613-0048-02	9613-0048-03	9613-0048-04

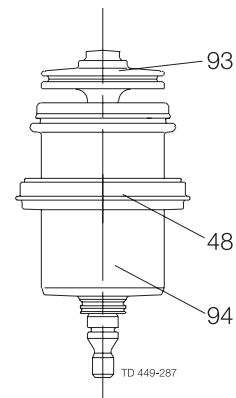
Service Kits for Product Wetted Parts

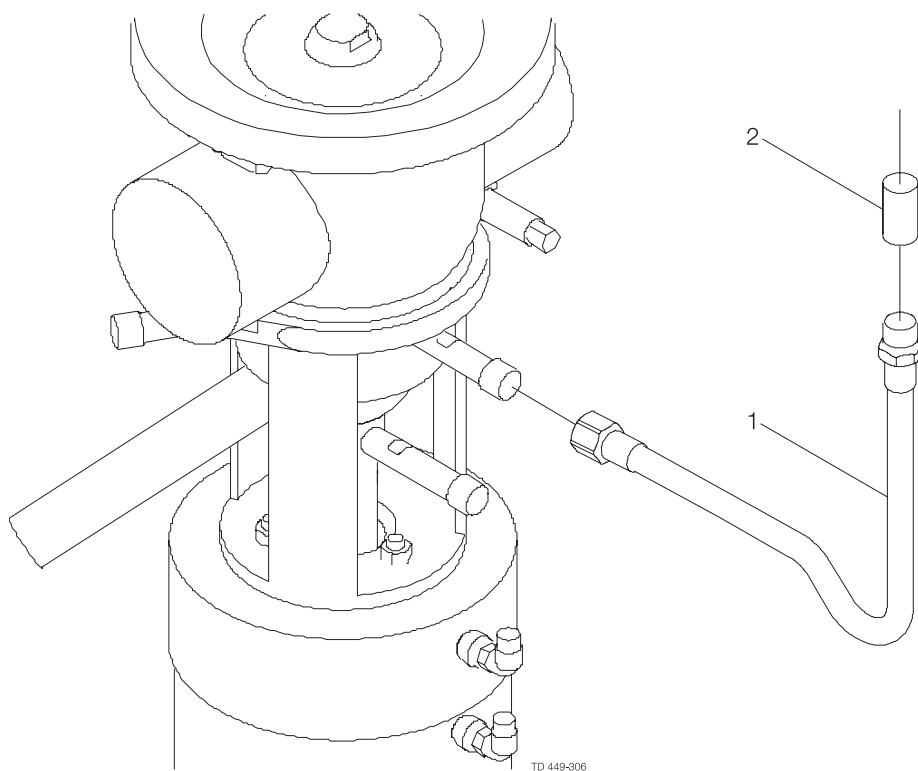
Denomination	DN/OD 63.5				
	DN/OD 51 DN 50	DN 65 DN/OD 76.1 DN 80	DN/OD 101.6 DN 100	DN 125 DN 150	
Tank Flange					
Service kit for Plug Set-up 12, EPDM.....	9611-92-6433	9611-92-6437	9611-92-6441	9611-92-6445	
Service kit for Plug Set-up 12, NBR.....	9611-92-6434	9611-92-6438	9611-92-6442	9611-92-6446	
Service kit for Plug Set-up 12, FPM.....	9611-92-6435	9611-92-6439	9611-92-6443	9611-92-6447	
Service kit for Plug Set-up 12, HNBR.....	9611-92-6436	9611-92-6440	9611-92-6444	9611-92-6448	
Service kit for Plug Set-up 6, EPDM.....	9611-92-6449	9611-92-6453	9611-92-6457	9611-92-6461	
Service kit for Plug Set-up 6, NBR.....	9611-92-6450	9611-92-6454	9611-92-6458	9611-92-6462	
Service kit for Plug Set-up 6, FPM.....	9611-92-6451	9611-92-6455	9611-92-6459	9611-92-6463	
Service kit for Plug Set-up 6, HNBR.....	9611-92-6452	9611-92-6456	9611-92-6460	9611-92-6464	
Stub Flange					
Service kit for Plug Set-up 12, EPDM.....	9611-92-6465	9611-92-6469	9611-92-6473	9611-92-6477	
Service kit for Plug Set-up 12, NBR.....	9611-92-6466	9611-92-6470	9611-92-6474	9611-92-6478	
Service kit for Plug Set-up 12, FPM.....	9611-92-6467	9611-92-6471	9611-92-6475	9611-92-6479	
Service kit for Plug Set-up 12, HNBR.....	9611-92-6468	9611-92-6472	9611-92-6476	9611-92-6480	
Service kit for Plug Set-up 6, EPDM.....	9611-92-6481	9611-92-6485	9611-92-6489	9611-92-6493	
Service kit for Plug Set-up 6, NBR.....	9611-92-6482	9611-92-6486	9611-92-6490	9611-92-6494	
Service kit for Plug Set-up 6, FPM.....	9611-92-6483	9611-92-6487	9611-92-6491	9611-92-6495	
Service kit for Plug Set-up 6, HNBR.....	9611-92-6484	9611-92-6488	9611-92-6492	9611-92-6496	

Plug set-up 6



Plug set-up 12

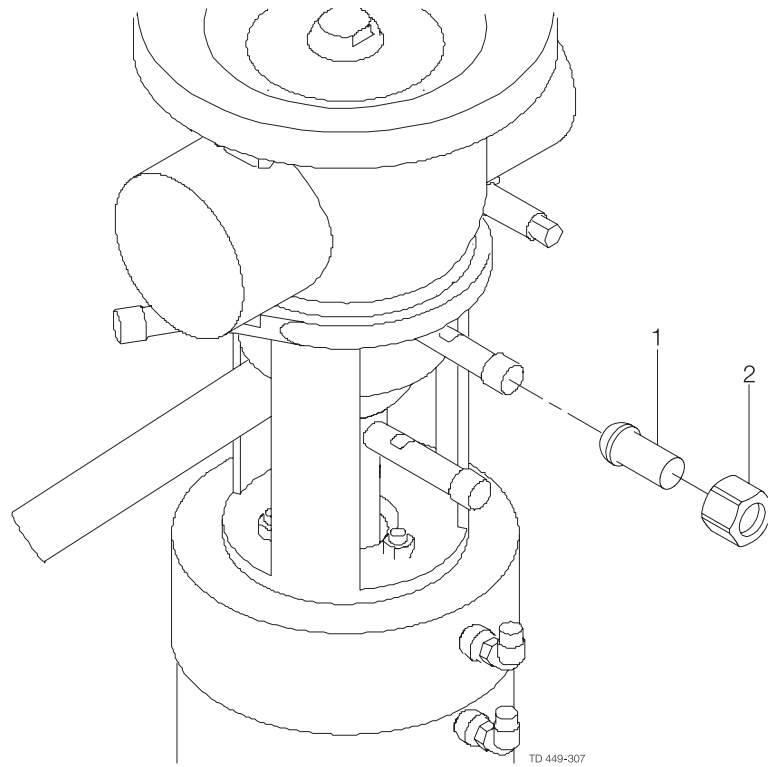




TD 449-306

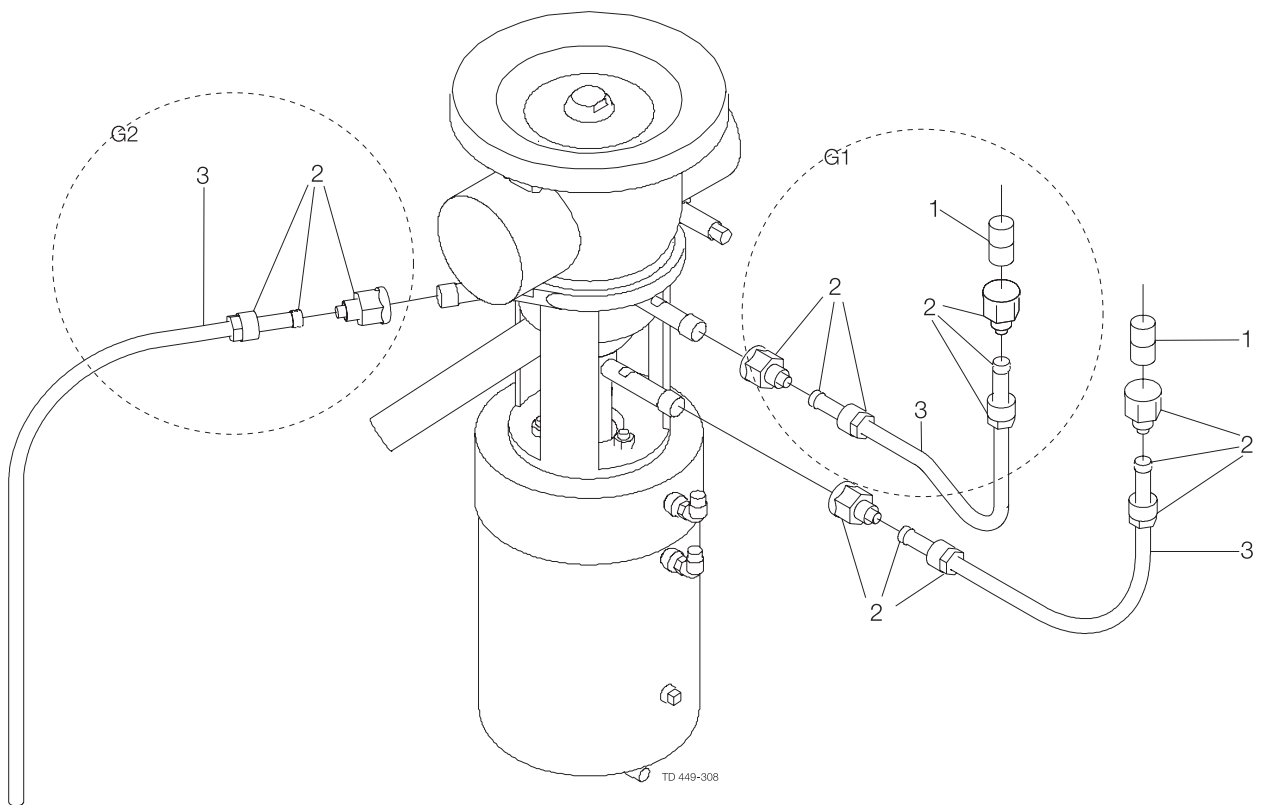
Pos.	Qty.	Denomination	31357-0746-6
1	1	Hose PTFE with stainless steel weave.....	31357-0745-1
2	1	Welding socket	9611-99-0917

900-324



Pos.	Qty.	Denomination	31357-1005-3
1	1	Welding liner	31357-0743-1
2	1	Nut.....	31357-0744-1

900-325



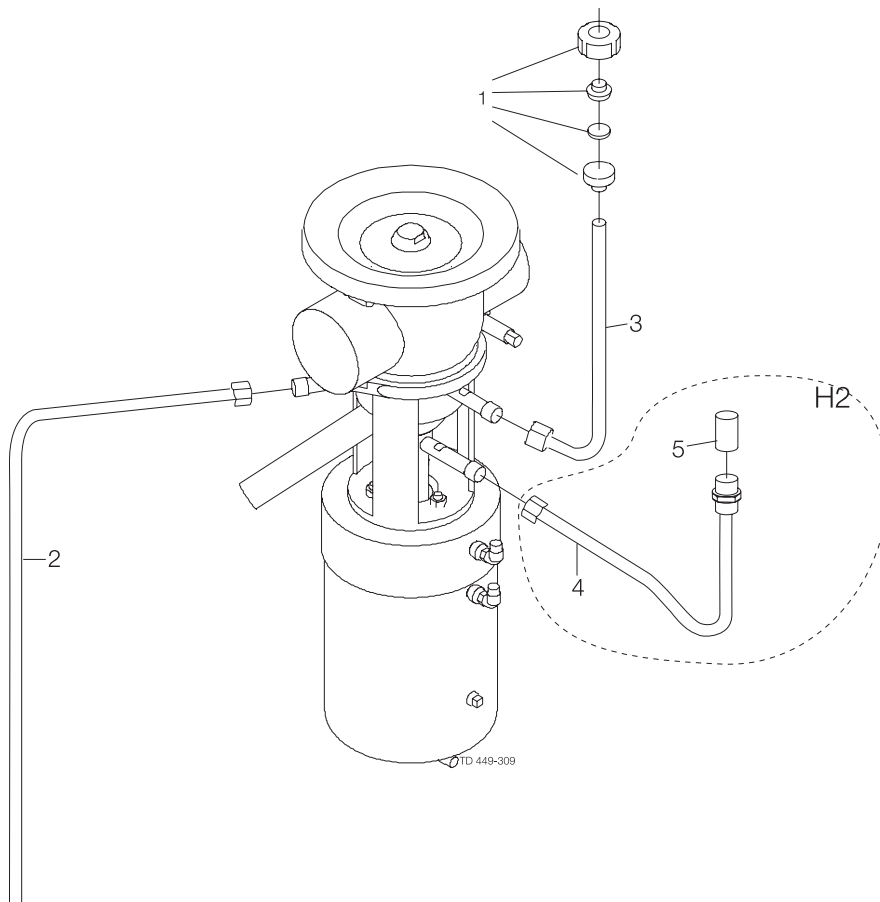
Installation kit G1

Pos.	Qty.	Denomination	9613-0557-01
1	1	Welding male part, AISI 316	31357-0747-1
2	2	3/8" 10 mm Female PVDF.....	9611-99-2372
3	1	10 mm PVDF hose, 1m.....	9611-99-2607

Installation kit G2

Pos.	Qty.	Denomination	9613-0557-02
2	1	3/8" 10 mm Female PVDF.....	9611-99-2372
3	1	10 mm PVDF hose, 1m.....	9611-99-2607

900-329



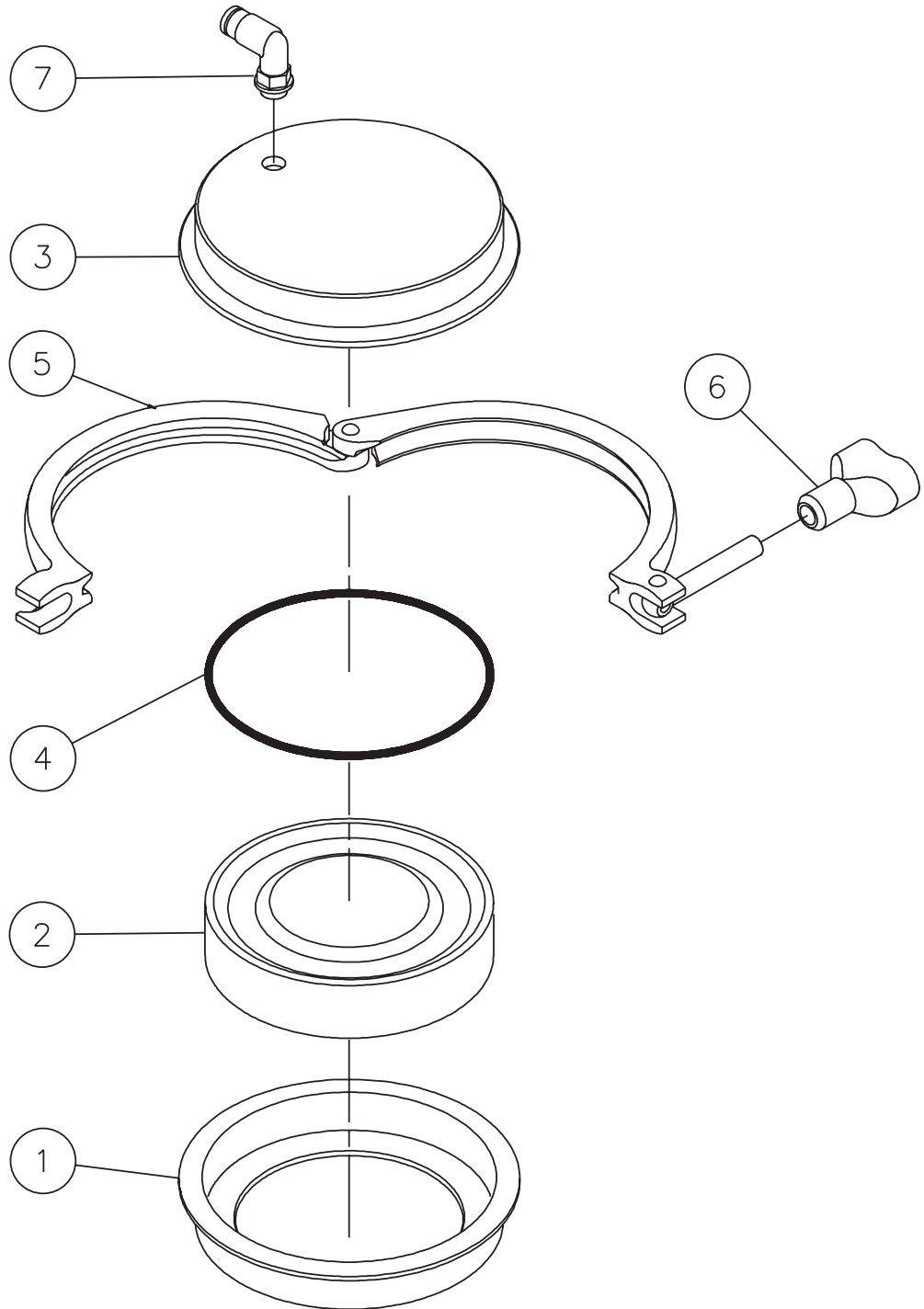
Installation kit H

Pos.	Qty.	Denomination	9613-0557-03
1	1	DIN union DN10.....	9611-30-579-1
	1	Nut, DN10.....	9611-30-642-0
	1	Welding liner DIN, DN10.....	9611-30-595-0
	1	Packing NBR, DN10	527346-01
	1	Male part DIN, DN10.....	9611-30-590-0
2	1	12 mm CIP pipe long	31357-1001-4
3	1	12 mm CIP pipe.....	31357-1001-3

Installation kit H2

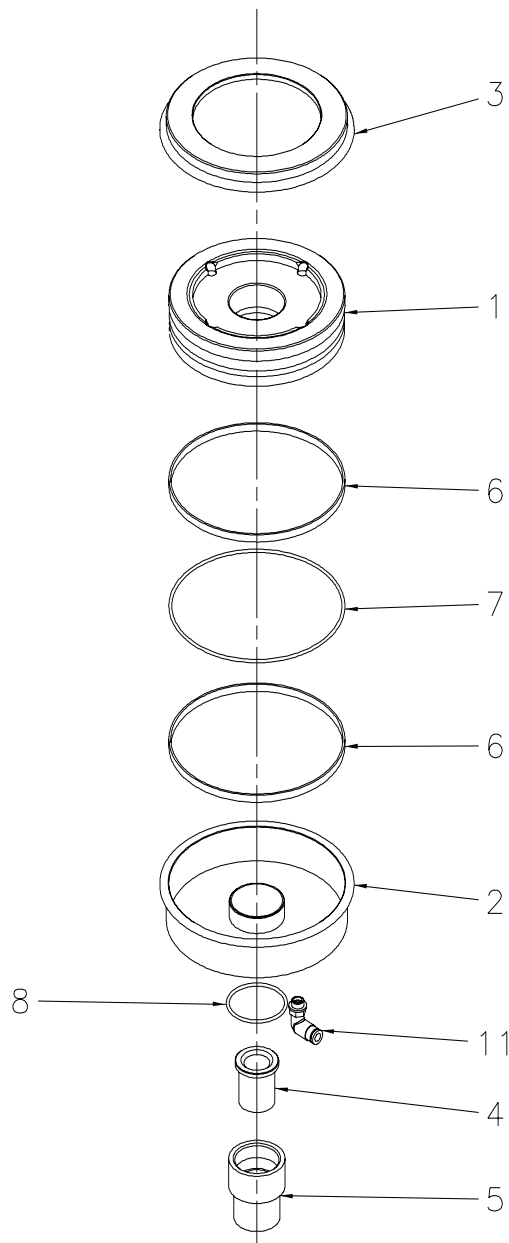
Pos.	Qty.	Denomination	31357-0746-6
4	1	Hose PTFE with stainless steel.....	31357-0745-1
5	1	Welding socket	9611-99-0917

900-326



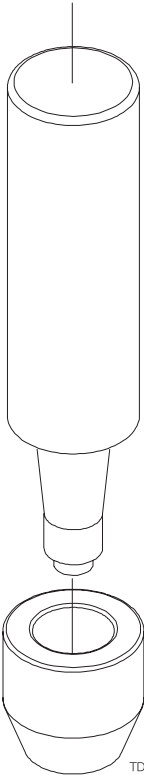
TD 449-038

Pos.	Qty.	Denomination	Seat ø53.3	Seat ø81.3	Seat ø100.3	Seat ø115.3
			9613-0505-01	9613-0505-02	9613-0505-08	9613-0505-03
1	1	Lower Part.....				
2	1	Piston.....				
3	1	Upper Part.....				
4	1	O-ring, NBR.....	9611-99-3703	9611-99-3703	9611-99-3349	9611-99-3349
5	1	Clamp.....				
6	1	Wingnut.....				
7	1	Air fitting.....				



TD 449-354

Pos.	Qty.	Denomination	Seat ø53.3	Seat ø81.3	Seat ø100.3	Seat ø115.3
			9613-4260-01	9613-4260-02	9613-4260-03	9613-4260-04
1	1	Piston.....				
2	1	Lower Part.....				
3	1	Upper Part.....				
4	1	Bushing.....				
5	1	Guide.....				
6	2	Guide ring.....	9613-0084-22	9613-0084-22	9613-0084-22	9613-0084-22
7	1	O-ring, NBR.....	9611-99-3349	9611-99-3349	9611-99-3349	9611-99-3349
8	1	O-ring, NBR.....	9611-99-3705	9611-99-3705	9611-99-3705	9611-99-3705
9	1	Clamp.....				
10	1	Wingnut.....				
11	1	Air fitting.....				



TD 449-310

Qty.	Denomination	DN/OD51 DN50
1	Mounting tool for lip seal.....	9613-0040-01

How to contact Alfa Laval

Contact details for all countries are continually updated on our website. Please visit www.alfalaval.com to access the information direct.