

# E-Series

## Spare Parts Lists

**Polyethylene  
EEE – ETZ**

**Polyethylene conductive  
FEE - FTZ**

**PTFE  
TEE - TTZ**

**PTFE conductive  
UEE - UTZ**

**Optional Equipment  
Code B**

**Optional Equipment  
Code C - D**

**Optional Equipment  
Code F - W**

**Damper ET**

**Damper ET-F**

Pump size				E 15 E..	E 25 E..	E 40 E..	E 50 E..
Item	Pc.	Description	Material	Part number	Part number	Part number	Part number
1	2	Side housing	PE	7 15 010 51	7 25 010 51	7 40 010 51	7 50 010 51
2	2	Tension disc	1.4301	7 15 008 22	7 25 008 22	7 40 008 22	7 50 008 22
3	2	Cover	PE	7 15 009 51	7 25 009 51	7 40 009 51	7 50 009 51
4	1	Center housing	PE	7 15 011 51	7 25 011 51	7 40 011 51	7 50 011 51
5	4	Sleeve	PE	2 15 012 51	2 25 012 51	2 40 012 51	2 50 012 51
6	8	O-ring, sleeve, code EE.	EPDM	9 20 631 72	9 33 632 72	9 50 633 72	9 62 634 72
		O-ring, sleeve, code EN.	NBR	9 20 631 71	9 33 632 71	9 50 633 71	-
		O-ring, sleeve, code ET.	FEP/FKM	9 20 631 59	9 33 632 59	9 50 633 59	9 62 634 59
7	2	Lock bolt	PE	7 15 013 52	7 25 013 52	7 40 013 52	7 50 013 52
8	4	Thread bolt	PE	2 08 014 52	2 10 014 52	2 15 014 52	2 15 014 52
9	2	Valve stop, discharge valve	PE	7 15 015 51	7 25 015 51	7 40 015 51	7 50 015 51
10	2	O-ring, valve stop discharge valve, code EE.	EPDM	9 24 625 72	9 38 626 72	9 57 627 72	9 76 628 72
		O-ring, valve stop discharge valve, code EN.	NBR	9 24 625 71	9 38 626 71	9 57 627 71	-
		O-ring, valve stop discharge valve, code ET.	FEP/FKM	9 24 625 59	9 38 626 59	9 57 627 59	9 76 628 59
11	2	Plug, side housing	PE	7 15 017 51	7 25 017 51	7 40 017 51	7 50 017 51
12	2	O-ring, plug side housing, code EE.	EPDM	9 25 610 72	9 40 613 72	9 62 634 72	9 79 353 72
		O-ring, plug side housing, code EN.	NBR	9 25 610 71	9 40 613 71	9 62 634 71	-
		O-ring, plug side housing, code ET.	FEP/FKM	9 25 610 59	9 40 613 59	9 62 634 59	9 79 353 59
13	1	Plug, center housing	PE	7 15 019 51	7 25 019 51	7 40 019 51	7 50 019 51
14	2	O-ring, plug center housing, code EE.	EPDM	9 33 632 72	9 50 633 72	9 62 634 72	9 73 635 72
		O-ring, plug center housing, code EN.	NBR	9 33 632 71	9 50 633 71	9 62 634 71	-
		O-ring, plug center housing, code ET.	FEP/FKM	9 33 632 59	9 50 633 59	9 62 634 59	9 73 635 59
15	4	Cylinder valve, code E.Z	PTFE	7 15 016 60	7 25 016 60	7 40 016 60	7 50 016 60
		Ball valve, code E.E	EPDM	1 15 032 72	1 25 032 72	1 40 032 72	1 50 032 72
		Ball valve, code E.N	NBR	1 15 032 71	1 25 032 71	1 40 032 71	-
		Ball valve, code E.S	SS	1 15 032 22	1 25 032 22	-	-
		Ball valve, code E.T	PTFE	1 15 032 60	1 25 032 60	1 40 032 60	1 50 032 60
16	4	Valve seat, ball valves	PE	2 15 018 52	2 25 018 52	2 40 018 52	2 50 018 52
		Valve seat, cylinder valves	PE	7 15 018 52	7 25 018 52	7 40 018 52	7 50 018 52
17	4	Shock absorbers	NR	1 15 322 85	1 15 322 85	1 40 322 85	1 40 322 85
18	2	Diaphragm, code EE.	EPDM	1 15 031 72	1 25 031 72	1 40 031 72	1 50 031 72
		Diaphragm, code EN.	NBR	1 15 031 70	1 25 031 70	1 40 031 70	-
		Diaphragm, code ET.	PTFE	1 15 031 67	1 25 031 67	1 40 031 67	1 50 031 67
19	*	Housing bolt, cpl.	1.4305	7 15 020 22	7 25 020 22	7 40 020 22	7 50 020 22
20	1	Shaft	1.4301	2 15 030 22	2 25 030 22	2 40 030 22	2 50 030 22
21	2	Set screw, shaft	1.4305	9 10 220 22	9 12 221 22	9 16 222 22	9 20 223 22
22	2	Shaft piston ring, cpl.	PTFE	1 15 041 64	1 25 041 64	1 40 041 64	1 50 041 64
23	1	Air inlet	PETP	1 15 047 84	1 15 047 84	1 40 047 84	1 40 047 84
24	1	Air filter	PE	1 15 043 51	1 15 043 51	1 40 043 51	1 40 043 51
25	1	Muffler, cpl.	PE	1 15 244 51	1 15 244 51	1 40 244 51	1 50 244 51
26	1	PERSWING P® air control system, cpl.	PETP	2 15 001 84	2 15 001 84	2 40 001 84	2 50 201 84
27**	6	O-ring, air valve housing	NBR	9 35 504 71	9 35 504 71	9 46 515 71	9 66 533 71

\* E 15 and E 25: 6 pieces; E 40 and E 50: 8 pieces

When ordering please state the serial number of the pump!

Subject to change without notice!

Pump size				E 15 F..	E 25 F..	E 40 F..	E 50 F..
Item	Pc.	Description	Material	Part number	Part number	Part number	Part number
1	2	Side housing	PE conductive	7 15 010 55	7 25 010 55	7 40 010 55	7 50 010 55
2	2	Tension disc	1.4301	7 15 008 22	7 25 008 22	7 40 008 22	7 50 008 22
3	2	Cover	PE conductive	7 15 009 55	7 25 009 55	7 40 009 55	7 50 009 55
4	1	Center housing	PE conductive	7 15 011 55	7 25 011 55	7 40 011 55	7 50 011 55
5	4	Sleeve	PE conductive	2 15 012 55	2 25 012 55	2 40 012 55	2 50 012 55
6	8	O-ring, sleeve, code FE.	EPDM	9 20 631 72	9 33 632 72	9 50 633 72	9 62 634 72
		O-ring, sleeve, code FN.	NBR	9 20 631 71	9 33 632 71	9 50 633 71	-
		O-ring, sleeve, code FT.	FEP/FKM	9 20 631 59	9 33 632 59	9 50 633 59	9 62 634 59
7	2	Lock bolt	PE conductive	7 15 013 56	7 25 013 56	7 40 013 56	7 50 013 56
8	4	Thread bolt	PE conductive	2 08 014 56	2 10 014 56	2 15 014 56	2 15 014 56
9	2	Valve stop, discharge valve	PE conductive	7 15 015 55	7 25 015 55	7 40 015 55	7 50 015 55
10	2	O-ring, valve stop discharge valve, code FE.	EPDM	9 24 625 72	9 38 626 72	9 57 627 72	9 76 628 72
		O-ring, valve stop discharge valve, code FN.	NBR	9 24 625 71	9 38 626 71	9 57 627 71	-
		O-ring, valve stop discharge valve, code FT.	FEP/FKM	9 24 625 59	9 38 626 59	9 57 627 59	9 76 628 59
11	2	Plug, side housing	PE conductive	7 15 017 55	7 25 017 55	7 40 017 55	7 50 017 55
12	2	O-ring, plug side housing, code FE.	EPDM	9 25 610 72	9 40 613 72	9 62 634 72	9 79 353 72
		O-ring, plug side housing, code FN.	NBR	9 25 610 71	9 40 613 71	9 62 634 71	-
		O-ring, plug side housing, code FT.	FEP/FKM	9 25 610 59	9 40 613 59	9 62 634 59	9 79 353 59
13	1	Plug, center housing	PE conductive	7 15 019 55	7 25 019 55	7 40 019 55	7 50 019 55
14	2	O-ring, plug center housing, code FE.	EPDM	9 33 632 72	9 50 633 72	9 62 634 72	9 73 635 72
		O-ring, plug center housing, code FN.	NBR	9 33 632 71	9 50 633 71	9 62 634 71	-
		O-ring, plug center housing, code FT.	FEP/FKM	9 33 632 59	9 50 633 59	9 62 634 59	9 73 635 59
15	4	Cylinder valve, code F.Z	PTFE	7 15 016 60	7 25 016 60	7 40 016 60	7 50 016 60
		Ball valve, code F.E	EPDM	1 15 032 72	1 25 032 72	1 40 032 72	1 50 032 72
		Ball valve, code F.N	NBR	1 15 032 71	1 25 032 71	1 40 032 71	-
		Ball valve, code F.S	SS	1 15 032 22	1 25 032 22	-	-
		Ball valve, code F.T	PTFE	1 15 032 60	1 25 032 60	1 40 032 60	1 50 032 60
16	4	Valve seat, ball valves	PE conductive	2 15 018 56	2 25 018 56	2 40 018 56	2 50 018 56
		Valve seat, cylinder valves	PE conductive	7 15 018 56	7 25 018 56	7 40 018 56	7 50 018 56
17	4	Shock absorbers	NR	1 15 322 85	1 15 322 85	1 40 322 85	1 40 322 85
18	2	Diaphragm, code FE.	EPDM	1 15 031 72	1 25 031 72	1 40 031 72	1 50 031 72
		Diaphragm, code FN.	NBR	1 15 031 70	1 25 031 70	1 40 031 70	-
		Diaphragm, code FT.	PTFE	1 15 031 67	1 25 031 67	1 40 031 67	1 50 031 67
19	*	Housing bolt, cpl.	1.4305	7 15 020 22	7 25 020 22	7 40 020 22	7 50 020 22
20	1	Shaft	1.4301	2 15 030 22	2 25 030 22	2 40 030 22	2 50 030 22
21	2	Set screw, shaft	1.4305	9 10 220 22	9 12 221 22	9 16 222 22	9 20 223 22
22	2	Shaft piston ring, cpl.	PTFE	1 15 041 64	1 25 041 64	1 40 041 64	1 50 041 64
23	1	Air inlet	PETP	1 15 047 84	1 15 047 84	1 40 047 84	1 40 047 84
24	1	Air filter	PE	1 15 043 51	1 15 043 51	1 40 043 51	1 40 043 51
25	1	Muffler, cpl.	Bz	1 15 244 34	1 15 244 34	1 40 244 34	1 40 244 34
26	1	PERSWING P® air control system, cpl.	PETP	2 15 001 84	2 15 001 84	2 40 001 84	2 50 201 84
27**	6	O-ring, air valve housing	NBR	9 35 504 71	9 35 504 71	9 46 515 71	9 66 533 71

\* E 15 and E 25: 6 pieces; E 40 and E 50: 8 pieces

When ordering please state the serial number of the pump!

Subject to change without notice!

Pump size				E 08 T..	E 10 T..	E 15 T..	E 25 T..	E 40 T..	E 50 T..
Item	Pc.	Description	Material	Part number	Part number	Part number	Part number	Part number	Part number
1	2	Side housing	PTFE	7 08 010 60	7 10 010 60	7 15 010 60	7 25 010 60	7 40 010 60	7 50 010 60
2	2	Tension disc	1.4301	7 08 008 22	7 10 008 22	7 15 008 22	7 25 008 22	7 40 008 22	7 50 008 22
3	2	Cover	PE	7 08 009 51	7 10 009 51	7 15 009 51	7 25 009 51	7 40 009 51	7 50 009 51
4	1	Center housing	PTFE	7 08 011 60	7 10 011 60	7 15 011 60	7 25 011 60	7 40 011 60	7 50 011 60
5	4	Sleeve	PTFE	2 08 012 69	2 10 012 69	2 15 012 69	2 25 012 69	2 40 012 69	2 50 012 69
6	8	O-ring, sleeve, code TE.	EPDM	-	9 15 630 72	9 20 631 72	9 33 632 72	9 50 633 72	9 62 634 72
		O-ring, sleeve, code TN.	NBR	-	-	9 20 631 71	9 33 632 71	9 50 633 71	-
		O-ring, sleeve, code TT.	FEP/FKM	9 12 629 59	9 15 630 59	9 20 631 59	9 33 632 59	9 50 633 59	9 62 634 59
7	2	Lock bolt	PTFE	7 08 013 60	7 10 013 60	7 15 013 60	7 25 013 60	7 40 013 60	7 50 013 60
8	4	Thread bolt	PTFE	7 08 014 60	7 08 014 60	2 08 014 60	2 10 014 60	2 15 014 60	2 15 014 60
9	2	Valve stop, discharge valve	PTFE	7 08 015 60	7 10 015 60	7 15 015 60	7 25 015 60	7 40 015 60	7 50 015 60
10	2	O-ring, valve stop discharge valve, code TE.	EPDM	-	9 19 624 72	9 24 625 72	9 38 626 72	9 57 627 72	9 76 628 72
		O-ring, valve stop discharge valve, code TN.	NBR	-	-	9 24 625 71	9 38 626 71	9 57 627 71	-
		O-ring, valve stop discharge valve, code TT.	FEP/FKM	9 16 623 59	9 19 624 59	9 24 625 59	9 38 626 59	9 57 627 59	9 76 628 59
11	2	Plug, side housing	PTFE	7 08 017 60	7 10 017 60	7 15 017 60	7 25 017 60	7 40 017 60	7 50 017 60
12	2	O-ring, plug side housing, code TE.	EPDM	-	9 20 602 72	9 25 610 72	9 40 613 72	9 62 634 72	9 79 353 72
		O-ring, plug side housing, code TN.	NBR	-	-	9 25 610 71	9 40 613 71	9 62 634 71	-
		O-ring, plug side housing, code TT.	FEP/FKM	9 14 178 59	9 20 602 59	9 25 610 59	9 40 613 59	9 62 634 59	9 79 353 59
13	1	Plug, center housing	PTFE	7 08 019 60	7 10 019 60	7 15 019 60	7 25 019 60	7 40 019 60	7 50 019 60
14	2	O-ring, plug center housing, code TE.	EPDM	-	9 20 631 72	9 33 632 72	9 50 633 72	9 62 634 72	9 73 635 72
		O-ring, plug center housing, code TN.	NBR	-	-	9 33 632 71	9 50 633 71	9 62 634 71	-
		O-ring, plug center housing, code TT.	FEP/FKM	9 20 631 59	9 20 631 59	9 33 632 59	9 50 633 59	9 62 634 59	9 73 635 59
15	4	Cylinder valve, code T.Z	PTFE	7 08 016 60	7 10 016 60	7 15 016 60	7 25 016 60	7 40 016 60	7 50 016 60
		Ball valve, code T.E	EPDM	1 10 032 72	4 15 032 72	1 15 032 72	1 25 032 72	1 40 032 72	1 50 032 72
		Ball valve, code T.N	NBR	-	-	1 15 032 71	1 25 032 71	1 40 032 71	-
		Ball valve, code T.S	SS	1 10 032 22	4 15 032 22	1 15 032 22	-	-	-
		Ball valve, code T.T	PTFE	1 10 032 60	4 15 032 60	1 15 032 60	1 25 032 60	1 40 032 60	1 50 032 60
16	4	Valve seat, ball valves	PTFE	2 08 018 60	2 10 018 60	2 15 018 60	2 25 018 60	2 40 018 60	2 50 018 60
		Valve seat, cylinder valves	PTFE	7 08 018 60	7 10 018 60	7 15 018 60	7 25 018 60	7 40 018 60	7 50 018 60
17	4	Shock absorbers	NR	1 08 322 85	1 08 322 85	1 15 322 85	1 15 322 85	1 40 322 85	1 40 322 85
18	2	Diaphragm, code TE.	EPDM	-	1 10 031 72	1 15 031 72	1 25 031 72	1 40 031 72	1 50 031 72
		Diaphragm, code TN.	NBR	-	-	1 15 031 70	1 25 031 70	1 40 031 70	-
		Diaphragm, code TT.	PTFE	1 08 031 67	1 10 031 67	1 15 031 67	1 25 031 67	1 40 031 67	1 50 031 67
19	*	Housing bolt, cpl.	1.4305	7 08 020 22	7 10 020 22	7 15 020 22	7 25 020 22	7 40 020 22	7 50 020 22
20	1	Shaft	1.4301	2 08 030 22**	2 08 030 22**	2 15 030 22	2 25 030 22	2 40 030 22	2 50 030 22
21	2	Set screw, shaft	1.4305	-	-	9 10 220 22	9 12 221 22	9 16 222 22	9 20 223 22
22	2	Shaft piston ring, cpl.	PTFE	-	-	1 15 041 64	1 25 041 64	1 40 041 64	1 50 041 64
23	1	Air inlet	PETP	1 08 047 84	1 08 047 84	1 15 047 84	1 15 047 84	1 40 047 84	1 40 047 84
24	1	Air filter	PE	-	-	1 15 043 51	1 15 043 51	1 40 043 51	1 40 043 51
25	1	Muffler, cpl.	PE	1 08 244 51	1 08 244 51	1 15 244 51	1 15 244 51	1 40 244 51	1 50 244 51
26	1	PERSWING P® air control system, cpl.	PETP	2 08 001 84	2 08 001 84	2 15 001 84	2 15 001 84	2 40 001 84	2 50 201 84
27**	6	O-ring, air valve housing	NBR	9 26 519 71	9 26 519 71	9 35 504 71	9 35 504 71	9 46 515 71	9 66 533 71

\* E 08 and E 10: 4 pieces; E 15 and E 25: 6 pieces; E 40 and E 50: 8 pieces \*\* included in item 22

When ordering please state the serial number of the pump!

Subject to change without notice!

Pump size			E 08 U..	E 10 U..	E 15 U..	E 25 U..	E 40 U..	E 50 U..	
Item	Pc.	Description	Material	Part number	Part number	Part number	Part number	Part number	
1	2	Side housing	PTFE conductive	7 08 010 65	7 10 010 65	7 15 010 65	7 25 010 65	7 40 010 65	7 50 010 65
2	2	Tension disc	1.4301	7 08 008 22	7 10 008 22	7 15 008 22	7 25 008 22	7 40 008 22	7 50 008 22
3	2	Cover	PE conductive	7 08 009 55	7 10 009 55	7 15 009 55	7 25 009 55	7 40 009 55	7 50 009 55
4	1	Center housing	PTFE conductive	7 08 011 65	7 10 011 65	7 15 011 65	7 25 011 65	7 40 011 65	7 50 011 65
5	4	Sleeve	PTFE conductive	2 08 012 68	2 10 012 68	2 15 012 68	2 25 012 68	2 40 012 68	2 50 012 68
6	8	O-ring, sleeve, code UE.	EPDM	-	9 15 630 72	9 20 631 72	9 33 632 72	9 50 633 72	9 62 634 72
		O-ring, sleeve, code UN.	NBR	-	-	9 20 631 71	9 33 632 71	9 50 633 71	-
		O-ring, sleeve, code UT.	FEP/FKM	9 12 629 59	9 15 630 59	9 20 631 59	9 33 632 59	9 50 633 59	9 62 634 59
7	2	Lock bolt	PTFE conductive	7 08 013 65	7 10 013 65	7 15 013 65	7 25 013 65	7 40 013 65	7 50 013 65
8	4	Thread bolt	PTFE conductive	7 08 014 65	7 08 014 65	2 08 014 65	2 10 014 65	2 15 014 65	2 15 014 65
9	2	Valve stop, discharge valve	PTFE conductive	7 08 015 65	7 10 015 65	7 15 015 65	7 25 015 65	7 40 015 65	7 50 015 65
10	2	O-ring, valve stop discharge valve, code UE.	EPDM	-	9 19 624 72	9 24 625 72	9 38 626 72	9 57 627 72	9 76 628 72
		O-ring, valve stop discharge valve, code UN.	NBR	-	-	9 24 625 71	9 38 626 71	9 57 627 71	-
		O-ring, valve stop discharge valve, code UT.	FEP/FKM	9 16 623 59	9 19 624 59	9 24 625 59	9 38 626 59	9 57 627 59	9 76 628 59
11	2	Plug, side housing	PTFE conductive	7 08 017 65	7 10 017 65	7 15 017 65	7 25 017 65	7 40 017 65	7 50 017 65
12	2	O-ring, plug side housing, code UE.	EPDM	-	9 20 602 72	9 25 610 72	9 40 613 72	9 62 634 72	9 79 353 72
		O-ring, plug side housing, code UN.	NBR	-	-	9 25 610 71	9 40 613 71	9 62 634 71	-
		O-ring, plug side housing, code UT.	FEP/FKM	9 14 178 59	9 20 602 59	9 25 610 59	9 40 613 59	9 62 634 59	9 79 353 59
13	1	Plug, center housing	PTFE conductive	7 08 019 65	7 10 019 65	7 15 019 65	7 25 019 65	7 40 019 65	7 50 019 65
14	2	O-ring, plug center housing, code UE.	EPDM	-	9 20 631 72	9 33 632 72	9 50 633 72	9 62 634 72	9 73 635 72
		O-ring, plug center housing, code UN.	NBR	-	-	9 33 632 71	9 50 633 71	9 62 634 71	-
		O-ring, plug center housing, code UT.	FEP/FKM	9 20 631 59	9 20 631 59	9 33 632 59	9 50 633 59	9 62 634 59	9 73 635 59
15	4	Cylinder valve, code U.Z	PTFE	7 08 016 60	7 10 016 60	7 15 016 60	7 25 016 60	7 40 016 60	7 50 016 60
		Ball valve, code U.E	EPDM	1 10 032 72	4 15 032 72	1 15 032 72	1 25 032 72	1 40 032 72	1 50 032 72
		Ball valve, code U.N	NBR	-	-	1 15 032 71	1 25 032 71	1 40 032 71	-
		Ball valve, code U.S	SS	1 10 032 22	4 15 032 22	1 15 032 22	-	-	-
		Ball valve, code U.T	PTFE	1 10 032 60	4 15 032 60	1 15 032 60	1 25 032 60	1 40 032 60	1 50 032 60
16	4	Valve seat, ball valves	PTFE conductive	2 08 018 65	2 10 018 65	2 15 018 65	2 25 018 65	2 40 018 65	2 50 018 65
		Valve seat, cylinder valves	PTFE conductive	7 08 018 65	7 10 018 65	7 15 018 65	7 25 018 65	7 40 018 65	7 50 018 65
17	4	Shock absorbers	NR	1 08 322 85	1 08 322 85	1 15 322 85	1 15 322 85	1 40 322 85	1 40 322 85
18	2	Diaphragm, code UE.	EPDM	-	1 10 031 72	1 15 031 72	1 25 031 72	1 40 031 72	1 50 031 72
		Diaphragm, code UN.	NBR	-	-	1 15 031 70	1 25 031 70	1 40 031 70	-
		Diaphragm, code UT.	PTFE	1 08 031 67	1 10 031 67	1 15 031 67	1 25 031 67	1 40 031 67	1 50 031 67
19	*	Housing bolt, cpl.	1.4305	7 08 020 22	7 10 020 22	7 15 020 22	7 25 020 22	7 40 020 22	7 50 020 22
20	1	Shaft	1.4301	2 08 030 22**	2 08 030 22**	2 15 030 22	2 25 030 22	2 40 030 22	2 50 030 22
21	2	Set screw, shaft	1.4305	-	-	9 10 220 22	9 12 221 22	9 16 222 22	9 20 223 22
22	2	Shaft piston ring, cpl.	PTFE	-	-	1 15 041 64	1 25 041 64	1 40 041 64	1 50 041 64
23	1	Air inlet	PETP	1 08 047 84	1 08 047 84	1 15 047 84	1 15 047 84	1 40 047 84	1 40 047 84
24	1	Air filter	PE	-	-	1 15 043 51	1 15 043 51	1 40 043 51	1 40 043 51
25	1	Muffler, cpl.	PE/Bz	1 08 244 51	1 08 244 51	1 15 244 34	1 15 244 34	1 40 244 34	1 40 244 34
26	1	PERSWING P® air control system, cpl.	PETP	2 08 001 84	2 08 001 84	2 15 001 84	2 15 001 84	2 40 001 84	2 50 201 84
27**	6	O-ring, air valve housing	NBR	9 26 519 71	9 26 519 71	9 35 504 71	9 35 504 71	9 46 515 71	9 66 533 71

\* E 08 and E 10: 4 pieces; E 15 and E 25: 6 pieces; E 40 and E 50: 8 pieces \*\* included in item 22

**Spare Part List ALMATEC E-Series, Optional Equipment, Barrier Chamber System, Code B**

Edition 2009/07

Pump size					E 10	E 15	E 25	E 40	E 50
Code	Item	Pc.	Description	Material	Part number	Part number	Part number	Part number	Part number
B1	5	4	Sleeve, barrier chamber, code E..	PE	-	2 15 112 51	2 25 112 51	2 40 112 51	2 50 112 51
			Sleeve, barrier chamber, code F..	PE conductive	-	2 15 112 55	2 25 112 55	2 40 112 55	2 50 112 55
			Sleeve, barrier chamber, code T..	PTFE	2 10 112 69	2 15 112 69	2 25 112 69	2 40 112 69	2 50 112 69
			Sleeve, barrier chamber, code U..	PTFE conductive	2 10 112 68	2 15 112 68	2 25 112 68	2 40 112 68	2 50 112 68
	19	*	Housing bolt, barrier chamber, cpl.	1.4305	7 10 120 22	7 15 120 22	7 25 120 22	7 40 120 22	7 50 120 22
	21	2	Set screw, shaft, barrier chamber	1.4305	-	9 10 223 22	9 12 224 22	9 16 225 22	9 20 226 22
	40	2	Spacer	PETP	2 10 078 84	2 15 078 84	2 25 078 84	-	-
	41	2	Spacer bolt	1.4301	2 10 079 22	-	-	-	-
	42	2	Barrier chamber	PE conductive	7 10 076 55	7 15 076 55	7 25 076 55	7 40 076 55	7 50 076 55
	43	2	Sensor sleeve	PE	2 10 069 51	2 10 069 51	2 10 069 51	2 10 069 51	2 10 069 51
	44	2	O-ring, sensor sleeve	FKM	9 10 544 74	9 10 544 74	9 10 544 74	9 10 544 74	9 10 544 74
	45	4	Conductivity sensor	diverse	7 00 074 99	7 00 074 99	7 00 074 99	7 00 074 99	7 00 074 99
	46	4	O-ring, conductivity sensor	FKM	9 06 538 74	9 06 538 74	9 06 538 74	9 06 538 74	9 06 538 74
	47	2	Plug GPN 730	PA	730 R 1/4	730 R 1/4	730 R 1/4	730 R 1/4	730 R 1/4
	48	2	O-ring, plug	FKM	9 13 575 74	9 13 575 74	9 13 575 74	9 13 575 74	9 13 575 74
	49	2	Inner diaphragm	EPDM	1 10 231 72	1 15 131 72	1 25 131 72	1 40 131 72	1 50 131 72
	51	2	Liquid sensor, Namur	diverse	1 00 673 99	1 00 673 99	1 00 673 99	1 00 673 99	1 00 673 99
52	2	O-ring, liquid sensor	FKM	9 10 544 74	9 10 544 74	9 10 544 74	9 10 544 74	9 10 544 74	
53	2	Clamping sleeve, liquid sensor	PE conductive	7 10 073 56	7 10 073 56	7 10 073 56	7 10 073 56	7 10 073 56	
B3	-	1	as B 1, but with: Controller	diverse	1 00 370 99	1 00 370 99	1 00 370 99	1 00 370 99	1 00 370 99
	-	1	Conductivity controller	diverse	1 00 075 99	1 00 075 99	1 00 075 99	1 00 075 99	1 00 075 99
B4	-	1	as B 3, but for [EExia] II C: Controller	diverse	1 00 370 99	1 00 370 99	1 00 370 99	1 00 370 99	1 00 370 99
	-	1	Conductivity controller	diverse	1 00 175 99	1 00 175 99	1 00 175 99	1 00 175 99	1 00 175 99

\* E 08 and E 10: 4 pieces; E 15 and E 25: 6 pieces; E 40 and E 50: 8 pieces

When ordering please state the serial number of the pump!

Subject to change without notice!

Spare Part List ALMATEC E-Series, Optional Equipment, Code C - D

Edition 2009/07

Pump size					E 10	E 15	E 25	E 40	E 50
Code	Item	Pc.	Description	Material	Part number	Part number	Part number	Part number	Part number
C2	4*	1	Center housing for sensor, code E..	PE	-	7 15 111 51	7 25 111 51	7 40 111 51	7 50 111 51
			Center housing for sensor, code F..	PE conductive	-	7 15 111 55	7 25 111 55	7 40 111 55	7 50 111 55
			Center housing for sensor, code T..	PTFE	-	7 15 111 60	7 25 111 60	7 40 111 60	7 50 111 60
			Center housing for sensor, code U..	PTFE conductive	-	7 15 111 65	7 25 111 65	7 40 111 65	7 50 111 65
	50	1	Stroke sensor, Namur	diverse	-	1 00 072 99	1 00 072 99	1 00 072 99	1 00 072 99
	-	1	O-ring, stroke sensor	NBR	-	9 25 535 71	9 25 535 71	9 25 535 71	9 25 535 71
C3			as C 2, but additional:						
	-	1	Clamp amplifier	diverse	-	1 00 171 99	1 00 171 99	1 00 171 99	1 00 171 99
	-	1	Stroke counter	diverse	-	1 00 071 99	1 00 071 99	1 00 071 99	1 00 071 99
C4			as C 2, but additional:						
	-	1	Controller	diverse	-	1 00 370 99	1 00 370 99	1 00 370 99	1 00 370 99
	-	1	Stroke counter	diverse	-	1 00 071 99	1 00 071 99	1 00 071 99	1 00 071 99
C9	4*	1	Center housing with additional air connection R 1/4, code E..	PE	-	7 15 311 51	7 25 311 51	7 40 311 51	7 50 311 51
			Center housing with additional air connection R 1/4, code F..	PE conductive	-	7 15 311 55	7 25 311 55	7 40 311 55	7 50 311 55
			Center housing with additional air connection R 1/4, code T..*	PTFE	7 10 311 60	7 15 311 60	7 25 311 60	7 40 311 60	7 50 311 60
			Center housing with additional air connection R 1/4, code U..**	PTFE conductive	7 10 311 65	7 15 311 65	7 25 311 65	7 40 311 65	7 50 311 65
	-	1	Adaptor elbow (E 10 adaptor streight)	PP	1 00 877 51	1 00 875 51	1 00 875 51	1 00 875 51	1 00 875 51
	-	1	Hose	PE	1 00 876 51	1 00 876 51	1 00 876 51	1 00 876 51	1 00 876 51
	-	1	Pressure switch cpl.	diverse	1 00 972 99	1 00 972 99	1 00 972 99	1 00 972 99	1 00 972 99
	-	1	Socket with cable	diverse	1 00 973 99	1 00 973 99	1 00 973 99	1 00 973 99	
C10			as C 9, but additional:						
	-	1	Stroke counter	diverse	1 00 071 99	1 00 071 99	1 00 071 99	1 00 071 99	1 00 071 99
D1	51	1	Diaphragm sensor, Namur	diverse	1 00 773 99	1 00 773 99	1 00 773 99	1 00 773 99	1 00 773 99
D3	51	1	Diaphragm sensor, Namur	diverse	1 00 773 99	1 00 773 99	1 00 773 99	1 00 773 99	1 00 773 99
			Controller	diverse	1 00 370 99	1 00 370 99	1 00 370 99	1 00 370 99	1 00 370 99

\* Spare part numbers for center housings with ANSI product ports on request

\*\* for pump size E 08: 7 08 311 60

\*\*\* for pump size E 08: 7 08 311 65

When ordering please state the serial number of the pump!

Subject to change without notice!

Spare Part List ALMATEC A-Series, Optional Equipment, Code F - W

Edition 2009/07

Pump size					E 10	E 15	E 25	E 40	E 50
Code	Item	Pc.	Description	Material	Part number	Part number	Part number	Part number	Part number
F3	-	12	Thread bushing, center housing DIN	1.4305	-	2 15 169 22	2 15 169 22	2 40 169 22	2 40 169 22
	30	2	Flange-O-ring, center housing DIN	EPDM	-	9 33 632 72	9 50 633 72	9 62 634 72	9 73 635 72
F3w	-	12	Thread bushing, center housing ANSI	1.4305	-	3 15 069 22	3 15 069 22	3 15 069 22	3 25 069 22
	30	2	Flange-O-ring, center housing ANSI	EPDM	-	9 23 588 72	9 40 613 72	9 62 634 72	9 73 635 72
F4	-	12	Thread bushing, center housing DIN	1.4305	-	2 15 169 22	2 15 169 22	2 40 169 22	2 40 169 22
	30	2	Flange-O-ring, center housing DIN	FEP/FKM	-	9 33 632 59	9 50 633 59	9 62 634 59	9 73 635 59
F4w	-	12	Thread bushing, center housing ANSI	1.4305	-	3 15 069 22	3 15 069 22	3 15 069 22	3 25 069 22
	30	2	Flange-O-ring, center housing ANSI	FEP/FKM	-	9 23 588 59	9 40 613 59	9 62 634 59	9 73 635 59
F5	-	12	Thread bushing, center housing DIN	1.4305	-	2 15 169 22	2 15 169 22	2 40 169 22	-
	30	2	Flange-O-ring, center housing DIN	NBR	-	9 33 632 71	9 50 633 71	9 62 634 71	-
F5w	-	12	Thread bushing, center housing ANSI	1.4305	-	3 15 069 22	3 15 069 22	3 15 069 22	-
	30	2	Flange-O-ring, center housing ANSI	NBR	-	9 23 588 71	9 40 613 71	9 62 634 71	-
P	18	2	Diaphragm made of modified PTFE	PTFE mod.	-	1 15 031 98	1 25 031 98	1 40 031 98	1 50 031 98
R1	1	2	Side housing for back flushing system, code E..	PE	-	7 15 110 51	7 25 110 51	7 40 110 51	7 50 110 51
			Side housing for back flushing system, code F..	PE conductive	-	7 15 110 55	7 25 110 55	7 40 110 55	7 50 110 55
			Side housing for back flushing system, code T..	PTFE	-	7 15 110 60	7 25 110 60	7 40 110 60	7 50 110 60
			Side housing for back flushing system, code U..	PTFE conductive	-	7 15 110 65	7 25 110 65	7 40 110 65	7 50 110 65
	31	2	O-ring, side housing	EPDM	-	9 20 631 72	9 20 631 72	9 33 632 72	9 33 632 72
	32	2	Drain plug	PTFE	-	2 15 023 60	2 15 023 60	2 40 023 60	2 40 023 60
33	2	Plug	PTFE	-	7 15 022 60	7 15 022 60	7 40 022 60	7 40 022 60	
R2	31	2	as R 1, but: O-ring, side housing	FEP/FKM	-	9 20 631 59	9 20 631 59	9 33 632 59	9 33 632 59
R3	32	2	as R 1, but: Piston	PTFE	-	2 15 024 60	2 15 024 60	2 40 024 60	2 40 024 60
			Piston housing	PE conductive	-	2 15 025 55	2 25 025 55	2 40 025 56	2 50 025 56
			Piston cover	PE conductive	-	2 15 026 55	2 15 026 55	2 40 026 55	2 40 026 55
			O-ring, piston and piston cover	NBR/EPDM	-	9 28 534 71	9 28 534 71	9 37 603 72	9 37 603 72
R4	31	2	as R 3, but: O-ring, side housing	FEP/FKM	-	9 20 631 59	9 20 631 59	9 33 632 59	9 33 632 59
R5	31	2	as R 1, but: O-ring, side housing	NBR	-	9 20 631 71	9 20 631 71	9 33 632 71	-
R6	31	2	as R 3, but: O-ring, side housing	NBR	-	9 20 631 71	9 20 631 71	9 33 632 71	-
W	4	1	Center housing ANSI, code E..	PE	-	7 15 411 51	7 25 411 51	7 40 411 51	7 50 411 51
			Center housing ANSI, code F..	PE conductive	-	7 15 411 55	7 25 411 55	7 40 411 55	7 50 411 55
			Center housing ANSI, code T..	PTFE	-	7 15 411 60	7 25 411 60	7 40 411 60	7 50 411 60
			Center housing ANSI, code U..	PTFE conductive	-	7 15 411 65	7 25 411 65	7 40 411 65	7 50 411 65

When ordering please state the serial number of the pump!

Subject to change without notice!



**Spare Part List ALMATEC Pulsation Damper ET for the E-Series, EAE - UFT**

Edition 2009/07

Damper size				ET 10	ET 15	ET 25	ET 40	ET 50
Item	Pc.	Description	Material	Part number	Part number	Part number	Part number	Part number
1	1	Damper housing, code E..	PE	-	7 15 080 52	7 25 080 52	7 40 080 52	7 50 080 52
		Damper housing, code F..	PE conductive	-	7 15 080 56	7 25 080 56	7 40 080 56	7 50 080 56
		Damper housing, code T..	PTFE	7 10 080 69	7 15 080 69	7 25 080 69	7 40 080 60	7 50 080 60
		Damper housing, code U..	PTFE conductive	7 10 080 68	7 15 080 68	7 25 080 68	7 40 080 65	7 50 080 65
2	1	Diaphragm, code ..E	EPDM	-	1 10 031 72	1 15 031 72	1 25 031 72	1 40 031 72
		Diaphragm, code ..N	NBR	-	1 10 031 70	1 15 031 70	1 25 031 70	1 40 031 70
		Diaphragm, code ..T	PTFE	1 08 031 67	1 10 031 67	1 15 031 67	1 25 031 67	1 40 031 67
		Diaphragm, code ..T - P	PTFE-mod.	-	-	1 15 031 98	1 25 031 98	1 40 031 98
3	1	Damper head, code .A.	PA	7 10 081 53	7 15 081 53	7 25 081 53	7 40 081 53	7 50 081 53
		Damper head, code .F.	PE conductive	7 10 081 55	7 15 081 55	7 25 081 55	7 40 081 55	7 50 081 55
4	1	Tension disc	1.4301	7 08 008 22	7 10 008 22	7 15 008 22	7 25 008 22	7 40 008 22
5	1	Cover, code .A.	PE	7 08 009 51	7 10 009 51	7 15 009 51	7 25 009 51	7 40 009 51
		Cover, code .F.	PE conductive	7 08 009 55	7 10 009 55	7 15 009 55	7 25 009 55	7 40 009 55
6	*	Housing bolt, cpl.	1.4301	7 10 083 22	7 15 083 22	7 25 083 22	7 40 083 22	7 50 083 22
7	1	Actuator shaft	1.4301	1 08 482 22	1 10 482 22	1 15 482 22	1 25 482 22	1 40 482 22
8	3	Shaft piston ring, cpl.	PTFE	1 08 041 64	1 08 041 64	1 15 041 64	1 25 041 64	1 40 041 64
9	1	Muffler	PE	1 08 644 51	1 08 644 51	1 15 644 51	1 25 644 51	1 40 644 51
10	1	Flange-O-ring, center housing DIN, code ..E	EPDM	9 20 631 72	9 33 632 72	9 50 633 72	9 62 634 72	9 73 635 72
		Flange-O-ring, center housing DIN, code ..N	NBR	-	9 33 632 71	9 50 633 71	9 62 634 71	9 73 635 71
		Flange-O-ring, center housing DIN, code ..T	FEP/FKM	9 20 631 59	9 33 632 59	9 50 633 59	9 62 634 59	9 73 635 59
		Flange-O-ring, center housing ANSI, code ..E	EPDM	9 20 631 72	9 23 588 72	9 40 613 72	9 62 634 72	9 73 635 72
		Flange-O-ring, center housing ANSI, code ..N	NBR	-	9 23 588 71	9 40 613 71	9 62 634 71	9 73 635 71
		Flange-O-ring, center housing ANSI, code ..T	FEP/FKM	9 20 631 59	9 23 588 59	9 40 613 59	9 62 634 59	9 73 635 59
* ET 10 and ET 15: 4 pieces; ET 25 and ET 40: 6 pieces; ET 50: 8 pieces								

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**Spare Part List ALMATEC Pulsation Damper ET-F for the E-Series, EAE - UFT**

Edition 2009/07

Damper size				ET 15 - F	ET 25 - F	ET 40 - F	ET 50 - F
Item	Pc.	Description	Material	Part number	Part number	Part number	Part number
1	1	Damper housing DIN, code E..	PE	7 15 180 52	7 25 180 52	7 40 180 52	7 50 180 52
		Damper housing DIN, code F..	PE conductive	7 15 180 56	7 25 180 56	7 40 180 56	7 50 180 56
		Damper housing DIN, code T..	PTFE	7 15 180 69	7 25 180 69	7 40 180 69	7 50 180 69
		Damper housing DIN, code U..	PTFE conductive	7 15 180 68	7 25 180 68	7 40 180 68	7 50 180 68
		Damper housing ANSI, code E..-W	PE	7 15 280 52	7 25 280 52	7 40 280 52	7 50 280 52
		Damper housing ANSI, code F..-W	PE conductive	7 15 280 56	7 25 280 56	7 40 280 56	7 50 280 56
		Damper housing ANSI, code T..-W	PTFE	7 15 280 69	7 25 280 69	7 40 280 69	7 50 280 69
		Damper housing ANSI, code U..-W	PTFE conductive	7 15 280 68	7 25 280 68	7 40 280 68	7 50 280 68
2	1	Diaphragm, code ..E	EPDM	1 10 031 72	1 15 031 72	1 25 031 72	1 40 031 72
		Diaphragm, code ..N	NBR	1 10 031 70	1 15 031 70	1 25 031 70	1 40 031 70
		Diaphragm, code ..T	PTFE	1 10 031 67	1 15 031 67	1 25 031 67	1 40 031 67
		Diaphragm, code ..T - P	PTFE-mod.	-	1 15 031 98	1 25 031 98	1 40 031 98
3	1	Damper head, code .A.	PA	7 15 081 53	7 25 081 53	7 40 081 53	7 50 081 53
		Damper head, code .F.	PE conductive	7 15 081 55	7 25 081 55	7 40 081 55	7 50 081 55
4	1	Tension disc	1.4301	7 10 008 22	7 15 008 22	7 25 008 22	7 40 008 22
5	1	Cover, code .A.	PE	7 10 009 51	7 15 009 51	7 25 009 51	7 40 009 51
		Cover, code .F.	PE conductive	7 10 009 55	7 15 009 55	7 25 009 55	7 40 009 55
6	*	Housing bolt, cpl.	1.4301	7 15 083 22	7 25 083 22	7 40 083 22	7 50 083 22
7	1	Actuator shaft	1.4301	1 10 482 22	1 15 482 22	1 25 482 22	1 40 482 22
8	3	Shaft piston ring, cpl.	PTFE	1 08 041 64	1 15 041 64	1 25 041 64	1 40 041 64
9	1	Muffler	PE	1 08 644 51	1 15 644 51	1 25 644 51	1 40 644 51
10	1	Flange-O-ring, center housing DIN, code ..E	EPDM	9 33 632 72	9 50 633 72	9 62 634 72	9 73 635 72
		Flange-O-ring, center housing DIN, code ..N	NBR	9 33 632 71	9 50 633 71	9 62 634 71	9 73 635 71
		Flange-O-ring, center housing DIN, code ..T	FEP/FKM	9 33 632 59	9 50 633 59	9 62 634 59	9 73 635 59
		Flange-O-ring, center housing ANSI, code ..E	EPDM	9 23 588 72	9 40 613 72	9 62 634 72	9 73 635 72
		Flange-O-ring, center housing ANSI, code ..N	NBR	9 23 588 71	9 40 613 71	9 62 634 71	9 73 635 71
		Flange-O-ring, center housing ANSI, code ..T	FEP/FKM	9 23 588 59	9 40 613 59	9 62 634 59	9 73 635 59
11	4	Hexagon nut DIN 934	1.4305	9 12 101 22	9 12 101 22	9 16 101 22	9 16 101 22
12	4	Set screw DIN 913	1.4305	9 12 225 22	9 12 225 22	9 16 226 22	9 16 227 22
13	4	Spring washer DIN 2093	1.4301	9 12 154 22	9 12 154 22	9 08 154 22	9 08 154 22
14	4	Disc DIN 125	1.4301	9 13 151 22	9 13 151 22	9 17 151 22	9 17 151 22

\*ET 15 -F: 4 pieces; ET 25 -F and ET 40 -F: 6 pieces; ET 50 -F: 8 pieces

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