

E-II111516

Rev. 01 (09/2020) - en

Spare parts catalog

AIR DRYER UNIT
LTZ015.2H

KNORR-BREMSE





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Technical changes

KNORRBREMSE SfS reserves the right to change products or this document at any time without giving special notice.

In the case of changes to products, this spare parts catalogue is no longer valid.

Ordering spare parts

It is necessary to use the latest spare parts catalogue when ordering spare parts.

If you discover that parts need to be renewed, only **KNORR-BREMSE original parts** are to be used.

The installation of spares other than approved may impair the safety and reliability of the given unit and overall system and invalidates any warranty on the part of KB.

When ordering, please note that the quantities refer only to the individual parts that are considered in the relevant chapter of the spare parts catalogue. The total amount required for the overhaul of the product is computed by multiplying these figures by the quantities of the individual parts in the higher-level assembly.

Wearing parts category:

Meanings of the letters in the WEC (wearing code) column of the following tables:

WEC	Definition
A	These parts must always be replaced upon removal.
B	These parts must be replaced at every overhaul.
C	These parts must then be replaced or reconditioned if they have worn so severely that the unit cannot be guaranteed to function reliably with them until the next overhaul. If necessary, further information on testing these parts can be found in the overhaul instructions.
D	These parts must be replaced at every service and every overhaul.
	Parts that do not have a WEC code must be visually inspected. If damage is found on the parts, they must be replaced.

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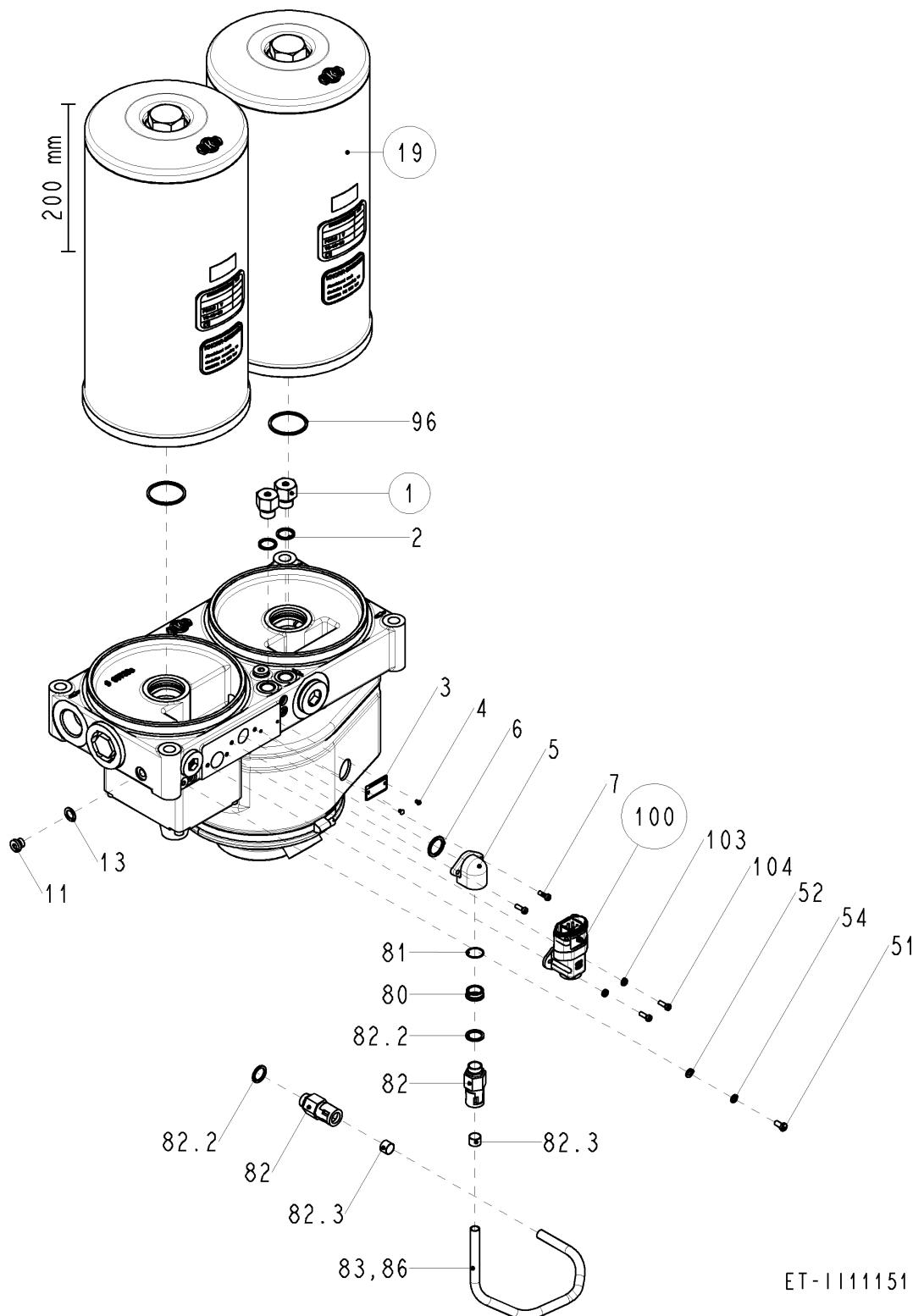
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**Original parts kits (OPK) belonging to the unit**

KIT-No.	Type	Additional text	Item number	Name
OPK01791/110	Overhaul kit		I69777/110	VALVE MAGNET
OPK03044	Overhaul kit	ZKV03-NG	II80522/110	PISTON VALVE



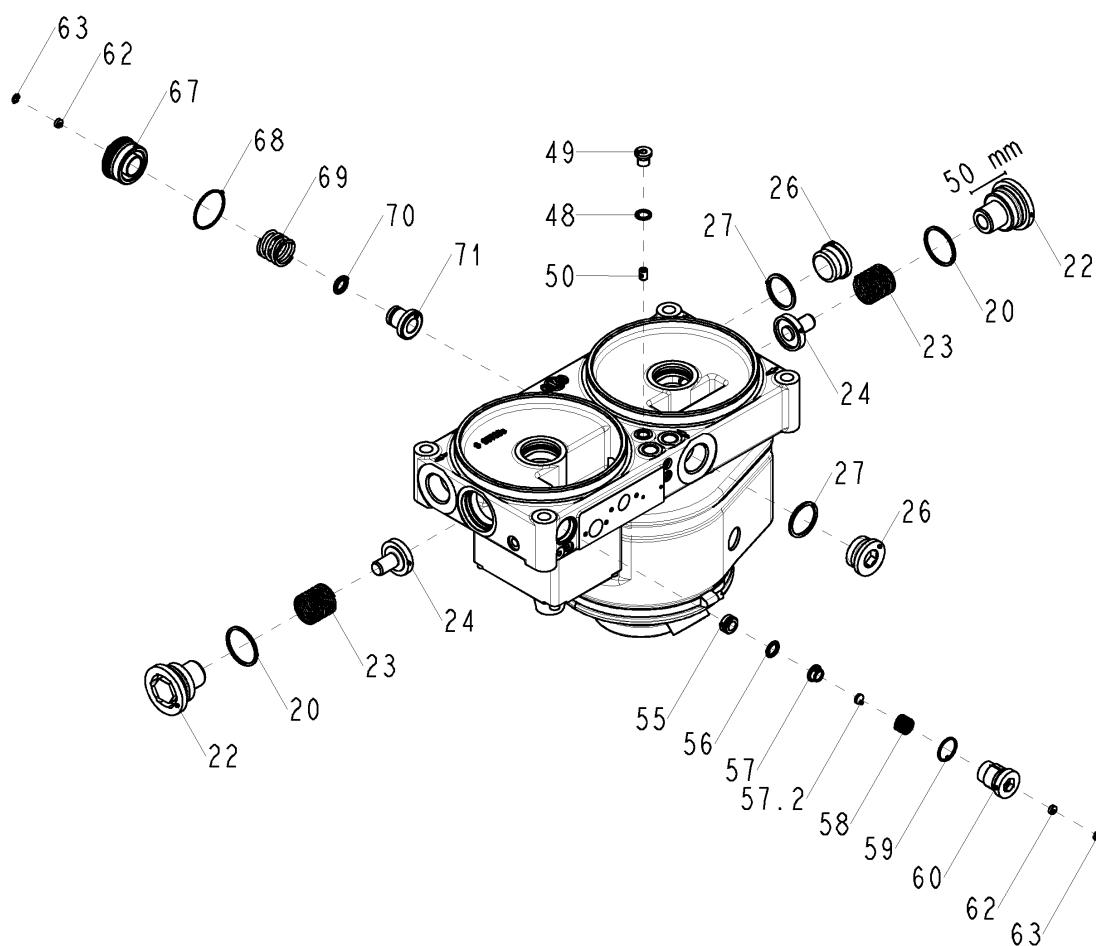
T0: AIR DRYER UNIT



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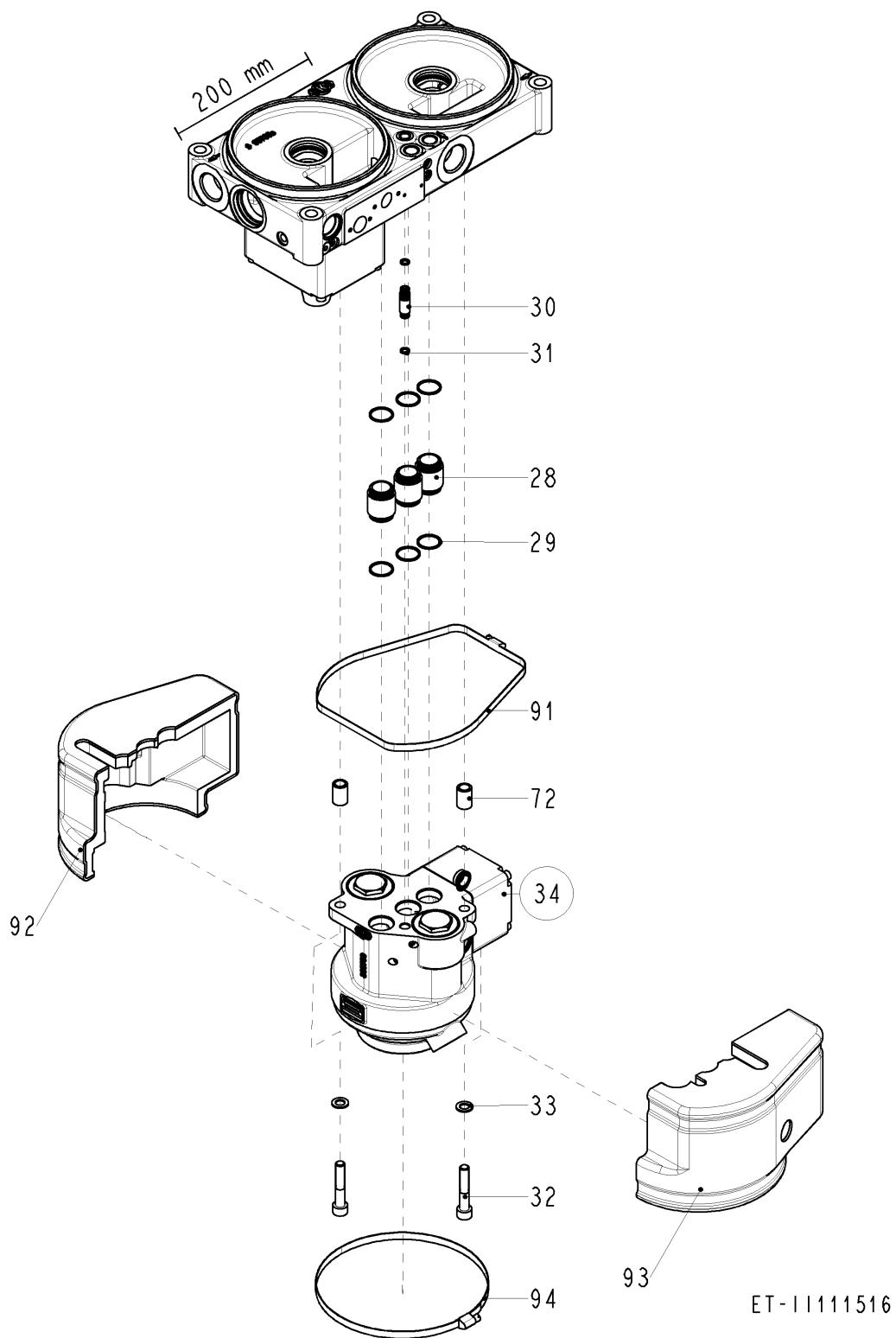
T0: AIR DRYER UNIT



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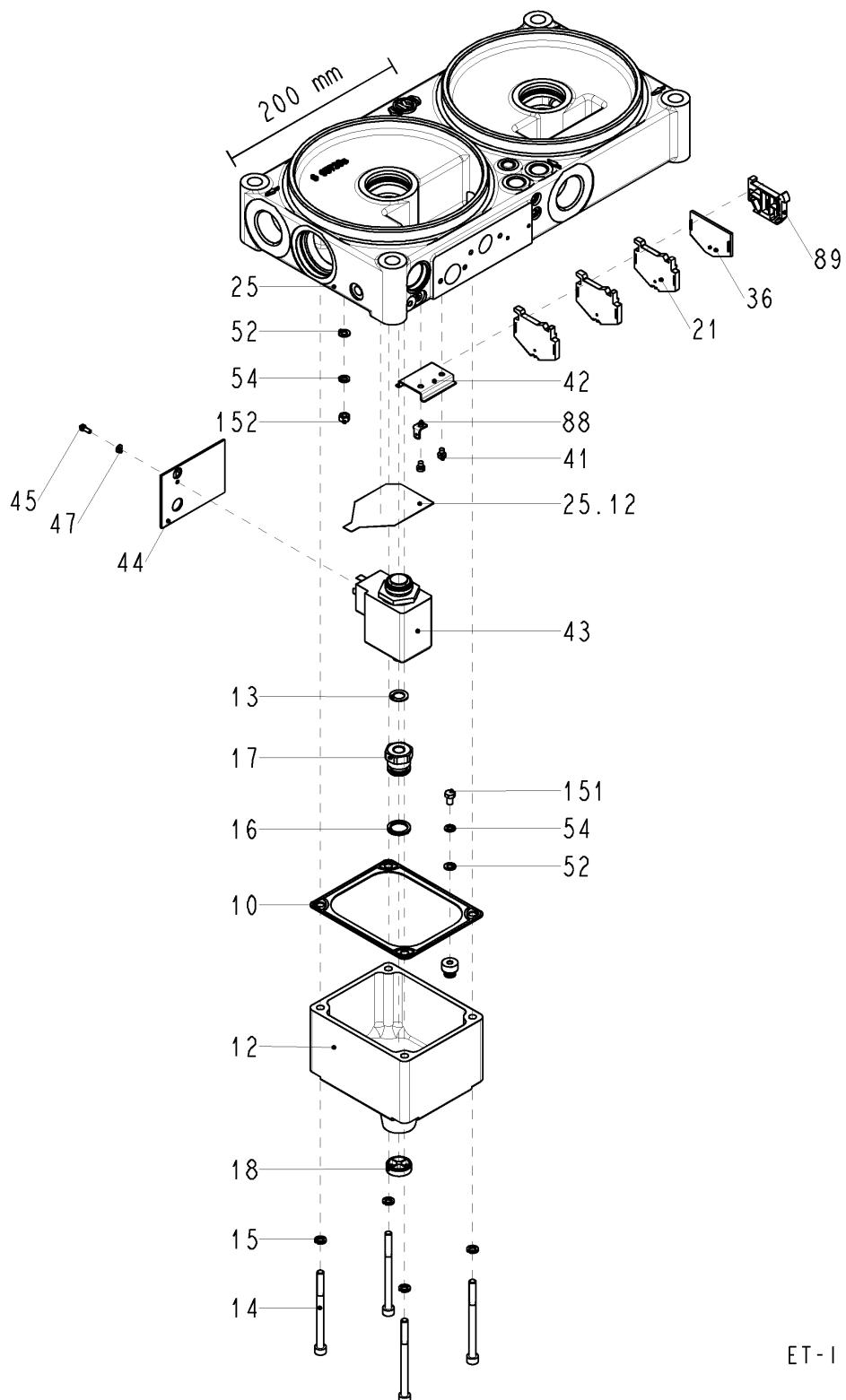


T0: AIR DRYER UNIT



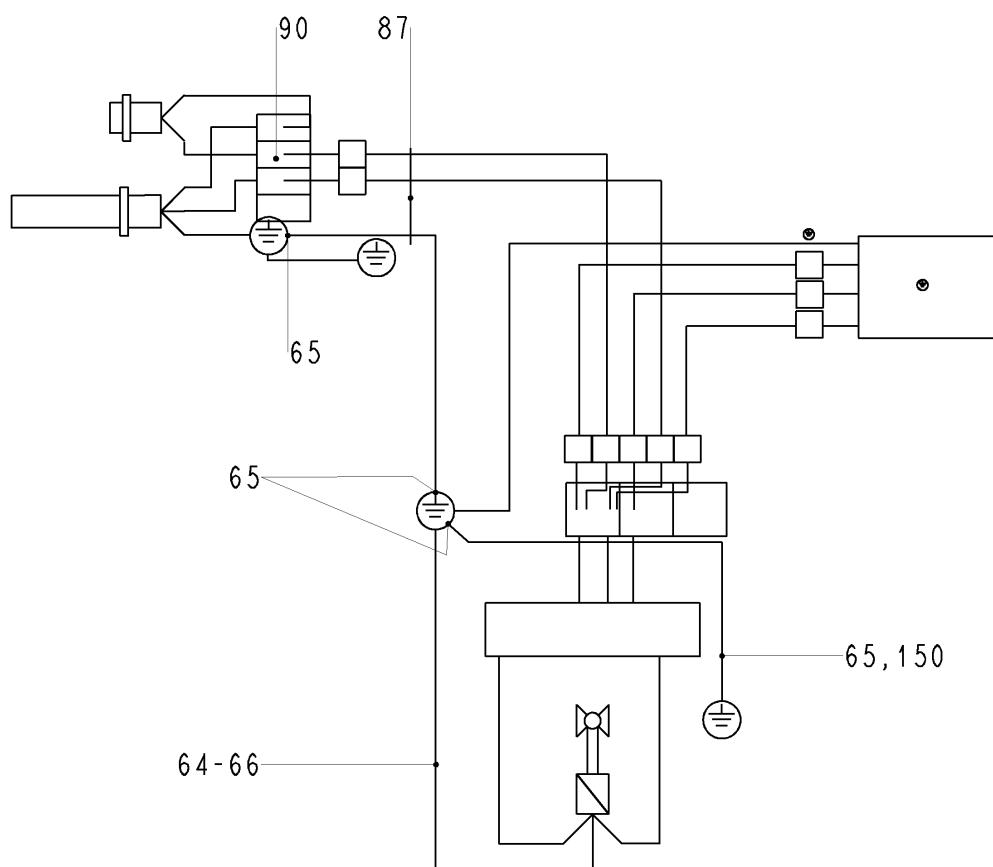


T0: AIR DRYER UNIT





T0: AIR DRYER UNIT



**T0 – Ordering information:**

Pos.	Part is OEM/OPK contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
1	-	I1111516			AIR DRYER UNIT		
1	-	I89151	2	Pce	PRESSURE GAUGE		14
2	-	453807	2	Pce	SEALING RING A16X20	A	
3	-	B72511	1	Pce	NAME PLATE		
4	-	453016	2	Pce	GROOVED DRIVE STUD 3X4		
5	-	C56959/1	1	Pce	FLANGE		
6	-	B24149	1	Pce	O-RING	A	
7	-	466513	2	Pce	MACHINE SCREW M4X12	B	
10	-	B70667	1	Pce	GASKET	A	
11	-	467040	1	Pce	SCREW PLUG M10X1		
12	-	I145178	1	Pce	HOUSING		
13	-	453783	2	Pce	SEALING RING A10X16	A	
14	-	467043	4	Pce	MACHINE SCREW M6X80		
15	-	466884	4	Pce	LOCKING RING B06	A	
16	-	A83273	1	Pce	O-RING	A	
17	-	B77727	1	Pce	NIPPLE		
18	-	I46367	1	Pce	VENTING VALVE	B	
19	-	I186006/2	2	Pce	AIR RESERVOIR FUER LTZ		16
20	-	A40791	2	Pce	O-RING	A	
21	-	C70891	3	Pce	TERMINAL		
22	-	B56661	2	Pce	SCREW PLUG		
23	-	B35531	2	Pce	COMPRESSION SPRING	C	
24	-	8.000.0.461.002.4	2	Pce	VALVE CONE	B	
25	-	I142898	1	Pce	BRACKET		
25.12	-	N76101	1	Pce	INSULATING FILM	B	
26	-	466574	2	Pce	SCREW PLUG G1A		
27	-	456999	2	Pce	SEALING RING A33X39	A	
28	-	B95890/2	3	Pce	SLEEVE		
29	-	B21858	6	Pce	O-RING	A	

**T0 – Ordering information:**

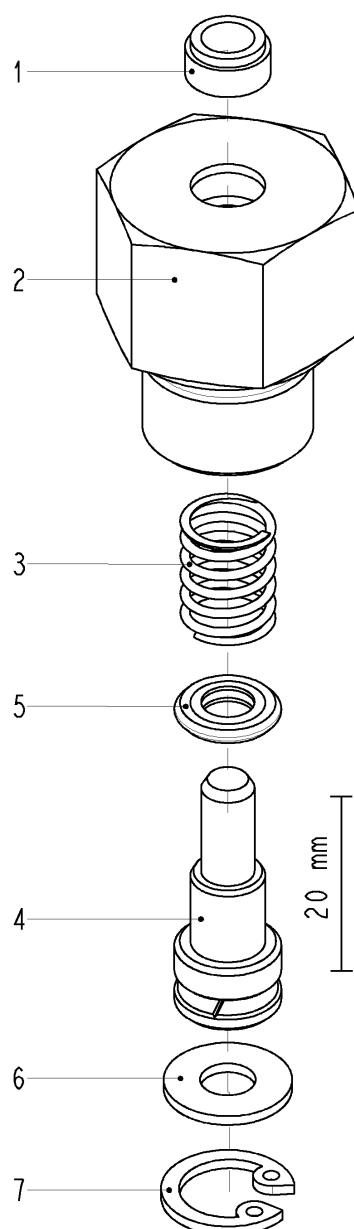
Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page	
30	-	C145557/2	1	Pce	SLEEVE			
31	-	A40125/20	2	Pce	O-RING	A		
32	-	467084	2	Pce	MACHINE SCREW M10X55	B		
33	-	463628	2	Pce	WASHER 10	B		
34	-	I180522/110	1	Pce	PISTON VALVE		20	
36	-	C70893	1	Pce	END PLATE			
41	-	468286	2	Pce	MACHINE SCREW M4X5	B		
42	-	C70895	1	Pce	SUPPORT RAIL			
43	V- 029	OPK01791/110	I69777/110	1 1	Pce	VALVE MAGNET Z-01-G		
44	-	STN21386/110	1	Pce	MODULE			
45	-	469343	1	Pce	MACHINE SCREW M3X8	B		
47	-	474785	1	Pce	WASHER 3	B		
48	-	453790	1	Pce	SEALING RING A12X16	A		
49	-	467041	1	Pce	SCREW PLUG M12X1,5			
50	-	B66929/18	1	Pce	NOZZLE			
51	-	466385	1	Pce	HEXAGON HEAD SCREW M5X10	B		
52	-	474771	3	Pce	WASHER 5	B		
54	-	468204	3	Pce	LOCKING RING 05	A		
55	-	B82682	1	Pce	PISTON	B		
56	-	462615	1	Pce	KNORR-K-RING 18.1	B		
57	-	I89667	1	Pce	PLATE	B		
57.2	-	463801	1	Pce	VALVE SEALING DISC B7	A		
58	-	B82679	1	Pce	COMPRESSION SPRING	B		
59	-	B21858	1	Pce	O-RING	A		
60	-	C82947	1	Pce	BUSH			
62	-	B27807	2	Pce	ROUND WIRE NETTING	B		

**T0 – Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
63	-	A62331/2	2	Pce	TOOTHED RING	B	
64	-	C64531/8	65	mm	WIRE		
65	-	465974	5	Pce	CABLE TERMINAL 5-1,5		
66	-	462312	1	Pce	RECEPTACLE 6,3-2,5		
67	-	II17670	1	Pce	SCREW PLUG		
68	-	A64261	1	Pce	O-RING	A	
69	-	A57201	1	Pce	COMPRESSION SPRING	B	
70	-	454931	1	Pce	KNORR-K-RING 20.2	B	
71	-	B95757	1	Pce	VALVE HEAD	B	
72	-	B96034/2	2	Pce	SLEEVE		
80	-	466820	2	Pce	REDUCTION HPg11-Pg9		
81	-	B59277	2	Pce	O-RING	A	
82	-	II41419/11	2	Pce	FITTING		
82.2	-	C77651/1	1	Pce	FLAT GASKET	A	
82.3	-	C77282/1	1	Pce	SEALING CAP	A	
83	-	506438	0.32	m	PROTECTIVE HOSE NW10		
86	-	C80967/3	1	Pce	CABLE TIE	A	
87	-	C145773/4	1	Pce	CABLE		
88	-	465973	1	Pce	TAB C6,3-0,8		
89	-	C70894	1	Pce	END CLAMP		
90	-	463000	2	Pce	WIRE END SLEEVE A1,5-7		
91	-	B33793/3	1	Pce	HOSE CLAMP	B	
92	-	B95874	1	Pce	INSULATING COVER		
93	-	B95875	1	Pce	INSULATING COVER		
94	-	B33793/12	1	Pce	HOSE CLAMP	B	
96	-	B58177	2	Pce	O-RING	A	
100	-	II83981	1	Pce	PLUG SCHRAUBVERSCHLUSS		28
103	-	C150126	2	Pce	SEALING DISC	A	
104	-	466513	2	Pce	MACHINE SCREW M4X12	B	
150	-	C64531/8	260	mm	WIRE		

**T0 – Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
151	-	468848	1	Pce	HEXAGON HEAD SCREW M5X8	B	
152	-	466587	1	Pce	HEXAGON NUT M5	B	

**T1: PRESSURE GAUGE**

ET-189151

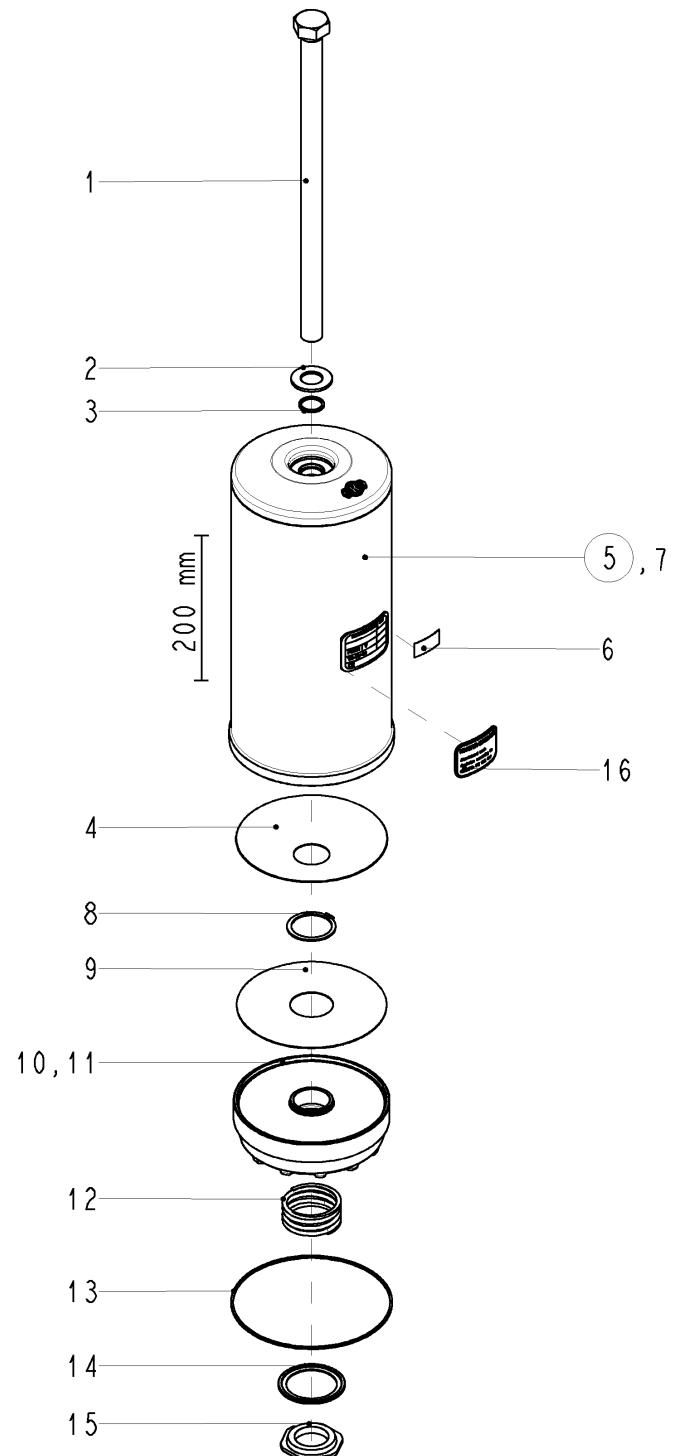
**T1 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
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	I89151			PRESSURE GAUGE			
1	A97200/7	1	Pce	SCRAPER RING		A	
2	B81653	1	Pce	SOCKET			
3	B85028	1	Pce	COMPRESSION SPRING		B	
4	B81654	1	Pce	PISTON			
5	458906	1	Pce	KNORR-K-RING	10.2	A	
6	A33266	1	Pce	WASHER		B	
7	475184	1	Pce	RETAINING RING	12X1	A	



T2: AIR RESERVOIR

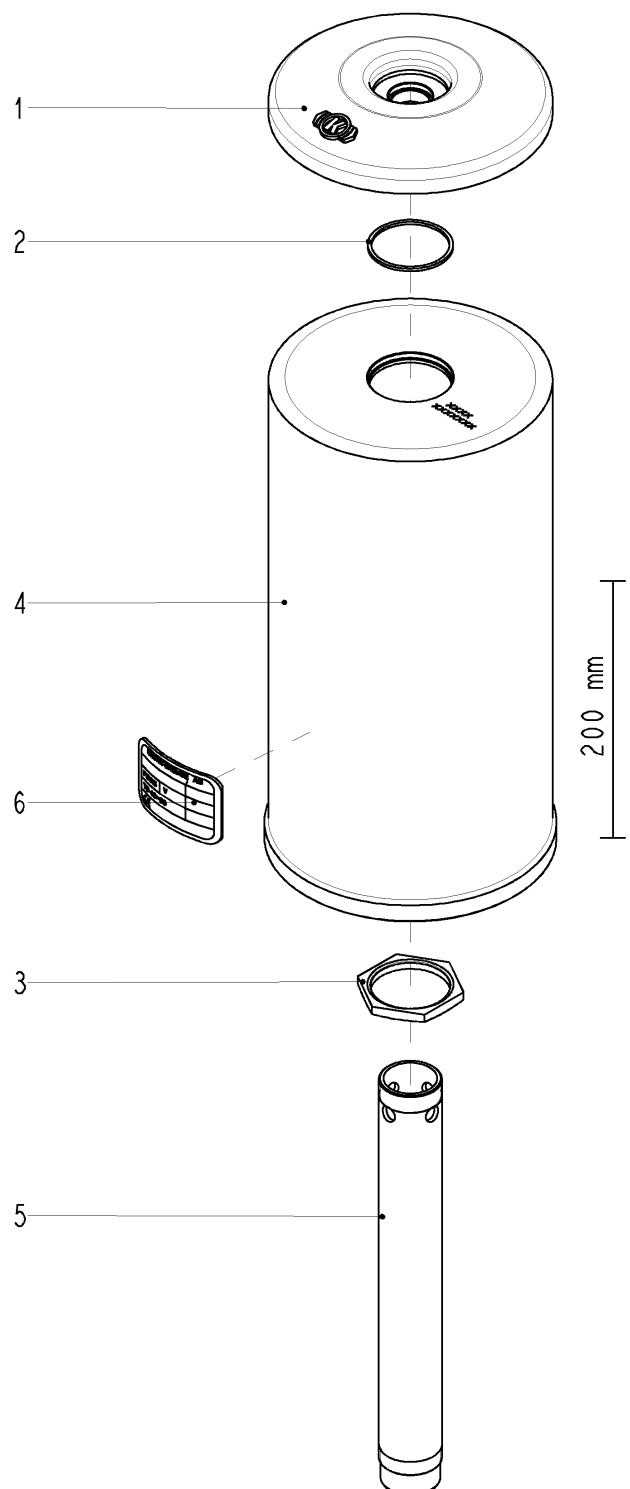


ET-1186006/2

**T2 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
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	II86006/2			AIR RESERVOIR			
1	B95751/2	1	Pce	SCREW			
2	B95752	1	Pce	WASHER			
3	B51209	1	Pce	O-RING		A	
4	B95753	1	Pce	STRAINER			
5	II31625/2	1	Pce	AIR RESERVOIR			18
6	B72512	1	Pce	NAME PLATE			
7	503328	5.57	kg	DESICCANT	1,7-2,4	B	
8	467044	1	Pce	RETAINING RING	48X1,75	A	
9	B95754	1	Pce	STRAINER			
10	B38997	685	g	RASCHIG RING	12X12X0,5		
11	B95746	1	Pce	BOWL			
12	B80465	1	Pce	COMPRESSION SPRING		C	
13	A79532	1	Pce	O-RING		A	
14	B95970	1	Pce	WASHER			
15	B95755	1	Pce	NUT			
16	C167420	1	Pce	PLATE			

**T3: AIR RESERVOIR**

ET-1131625/2

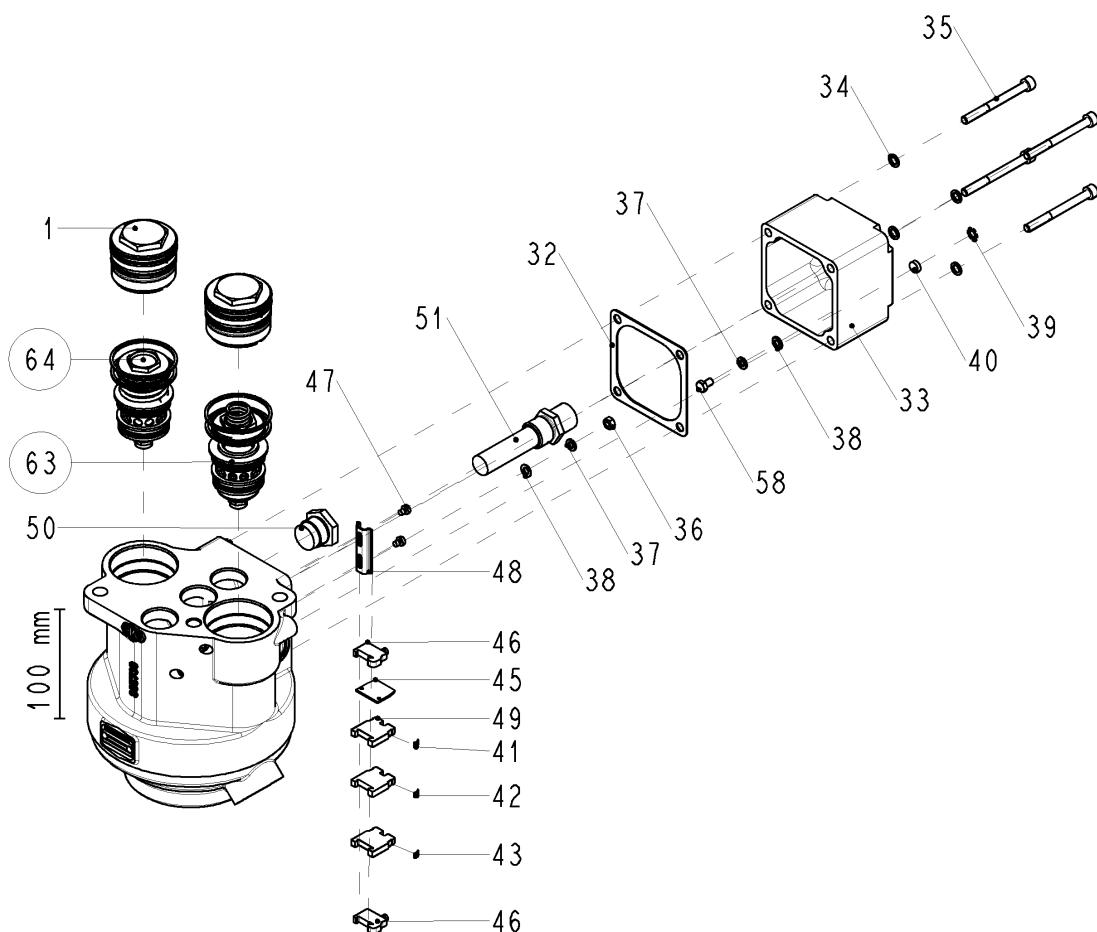
**T3 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
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	II31625/2			AIR RESERVOIR			
1	B95737	1	Pce	COVER			
2	B24036	1	Pce	O-RING		A	
3	B35745/215	1	Pce	NUT		B	
4	B95749/2	1	Pce	CYLINDER			
5	B95748/2	1	Pce	PIPE			
6	C55165/2	1	Pce	PLATE			



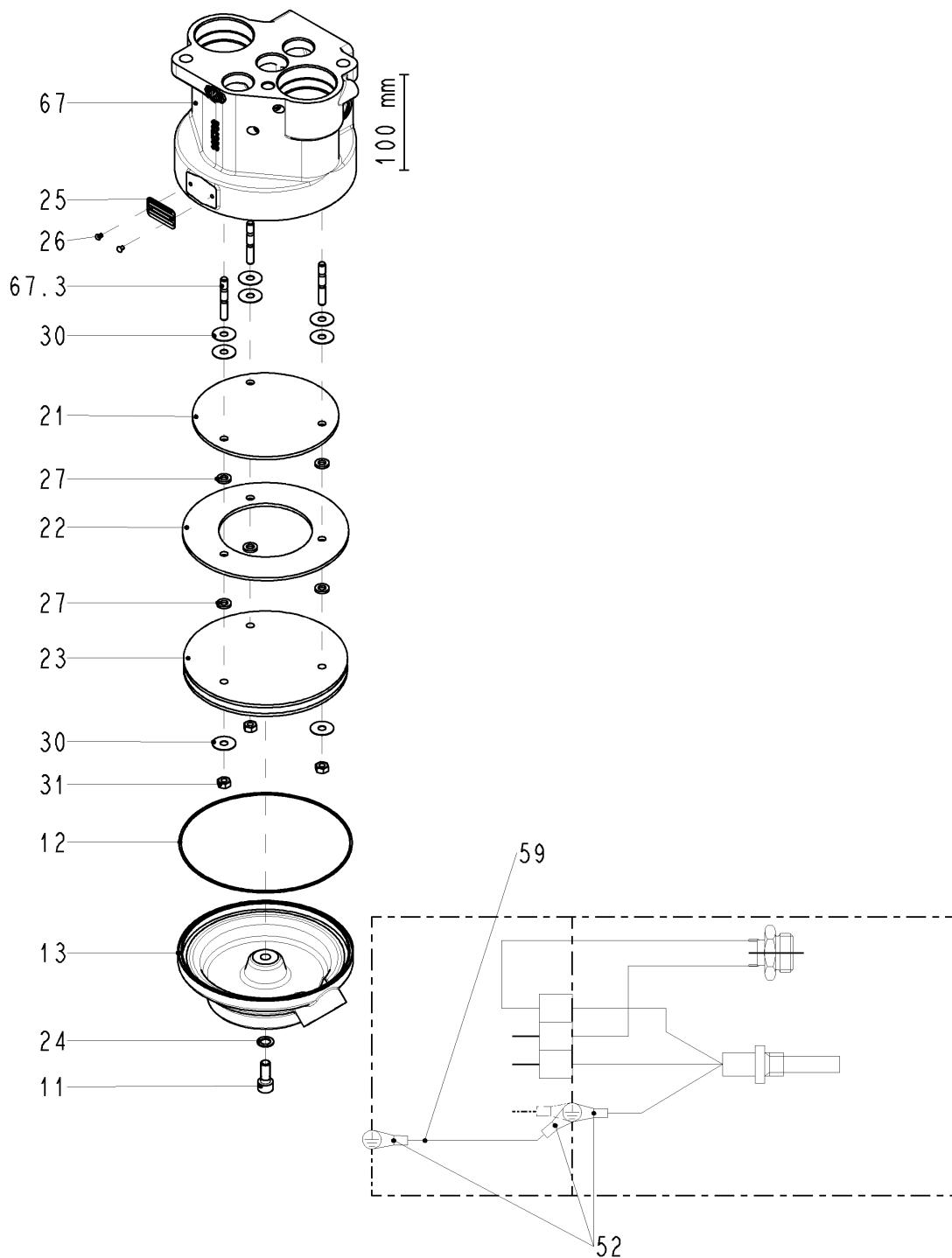
T4: PISTON VALVE



ET-1180522/...



T4: PISTON VALVE



ET-1180522/...

**T4 – Ordering information:**

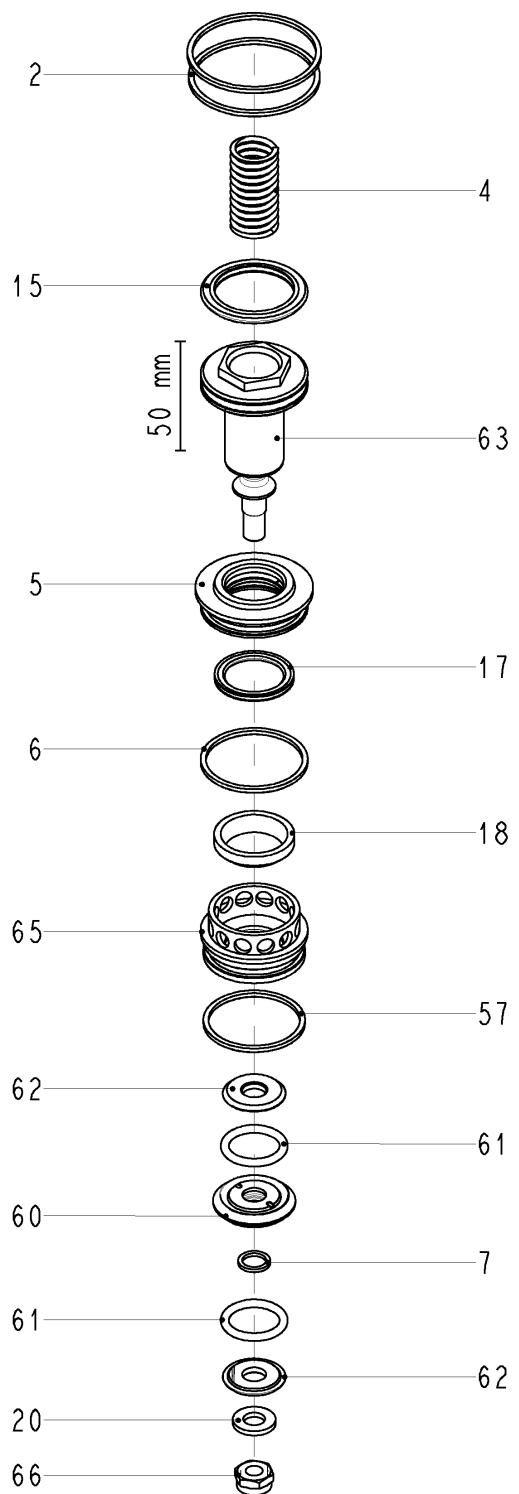
Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
		II80522/110			PISTON VALVE		
1	-	B95868	2	Pce	SCREW PLUG		
11	Z-018	OPK03044	464667	1	1	Pce	MACHINE SCREW M8X20
12	Z-017	OPK03044	A52320	1	1	Pce	O-RING
13	-	C53438	1	Pce	COVER		
21	-	B70464/1	1	Pce	WASHER		
22	-	B70465	1	Pce	RING		
23	-	C63321	1	Pce	WASHER		
24	Z-019	OPK03044	459633	1	1	Pce	SEALING RING U8,7X14X1
25	-	B72511	1	Pce	NAME PLATE		
26	-	453016	2	Pce	GROOVED DRIVE STUD 3X4		
27	Z-021	OPK03044	B70469/1	6	6	Pce	WASHER
30	Z-016	OPK03044	B89879	9	9	Pce	WASHER
31	Z-020	OPK03044	465160	3	3	Pce	HEXAGON NUT M6
32	Z-026	OPK03044	B70560	1	1	Pce	GASKET
33	-	II45138	1	Pce	COVER		
34	Z-028	OPK03044	465121	4	4	Pce	LOCK WASHER VS6
35	Z-024	OPK03044	463355	4	4	Pce	MACHINE SCREW M6X65
36	Z-030	OPK03044	466587	1	1	Pce	HEXAGON NUT M5
37	Z-025	OPK03044	468204	2	2	Pce	LOCKING RING 05
38	Z-023	OPK03044	462326	2	2	Pce	WASHER 5
39	Z-015	OPK03044	A62331/2	2	2	Pce	TOOTHED RING

**T4 – Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
40	Z-014	OPK03044	B27807	2	2	Pce	ROUND WIRE NETTING
41	-	B27315/1	1		Pce	STANDARD PLATE	
42	-	B27315/2	1		Pce	STANDARD PLATE	
43	-	B27315/3	1		Pce	STANDARD PLATE	
45	-	B76581	1		Pce	END PLATE	
46	-	B88476	2		Pce	END CLAMP	
47	Z-022	OPK03044	456093	2	2	Pce	MACHINE SCREW M4X5
48	-	C54906/4	1		Pce	SUPPORT RAIL	
49	-	B76580	3		Pce	TERMINAL	
50	Z-027	OPK03044	II14214	1	1	Pce	THERMOSTAT
51	Z-033	OPK03044	I79773/127	1	1	Pce	CARTRIDGE HEATER
52	-	465974	3		Pce	CABLE TERMINAL 5-1,5	
58	Z-029	OPK03044	468848	1	1	Pce	HEXAGON HEAD SCREW M5X8
59	-	C64531/8	160		mm	WIRE	
63	Z-031	OPK03044	II80620/L	1	1	Pce	VALVE CORE
64	Z-032	OPK03044	II80620/R	1	1	Pce	VALVE CORE
67	-	II64676	1		Pce	HOUSING	
67.3	-	467037	3		Pce	STUD M6X30	



T5: VALVE CORE

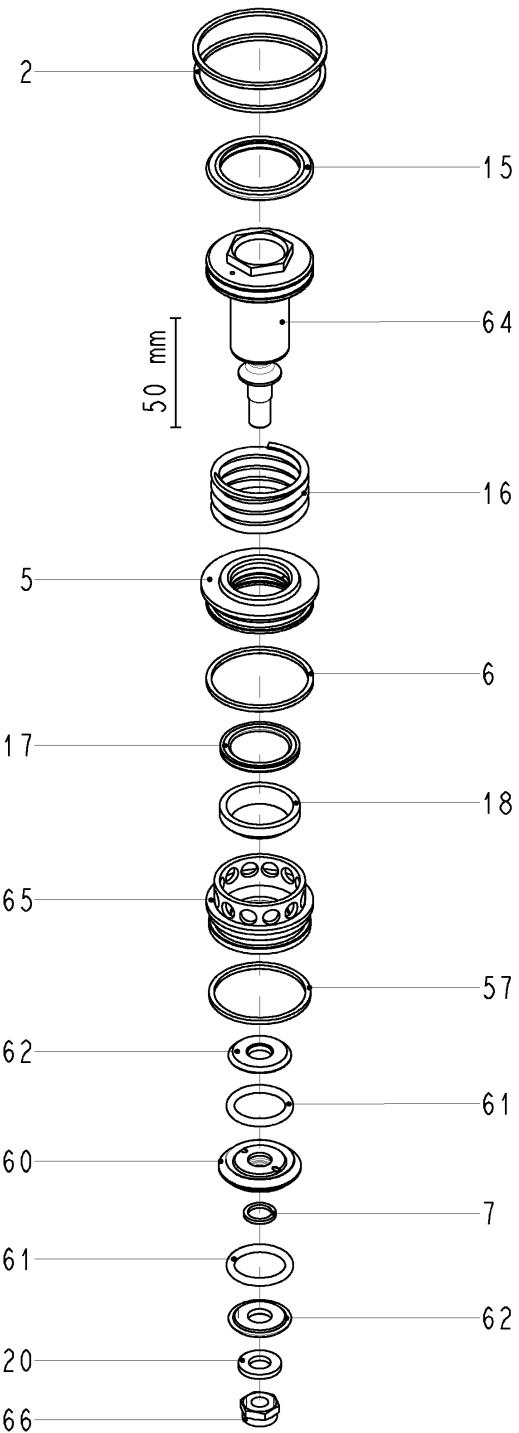


ET-1180620/L

**T5 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
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	II80620/L			VALVE CORE			
2	B55436	2	Pce	O-RING			
4	C65798	1	Pce	COMPRESSION SPRING			
5	B95882	1	Pce	BUSH			
6	A91453	1	Pce	O-RING			
7	A40125/13	1	Pce	O-RING			
15	454953	1	Pce	KNORR-K-RING	40.2		
17	462422	1	Pce	KNORR-K-RING	22.8		
18	A97200/5	1	Pce	SCRAPER RING			
20	C149567	1	Pce	WASHER			
57	B44910	1	Pce	O-RING			
60	C158456	1	Pce	WASHER			
61	C124266/1	2	Pce	O-RING			
62	C158454	2	Pce	COVER PLATE			
63	C158452/2	1	Pce	PISTON			
65	C124262	1	Pce	BUSH			
66	477607	1	Pce	HEXAGON NUT	M8		

**T6: VALVE CORE**

ET-I 180620/R

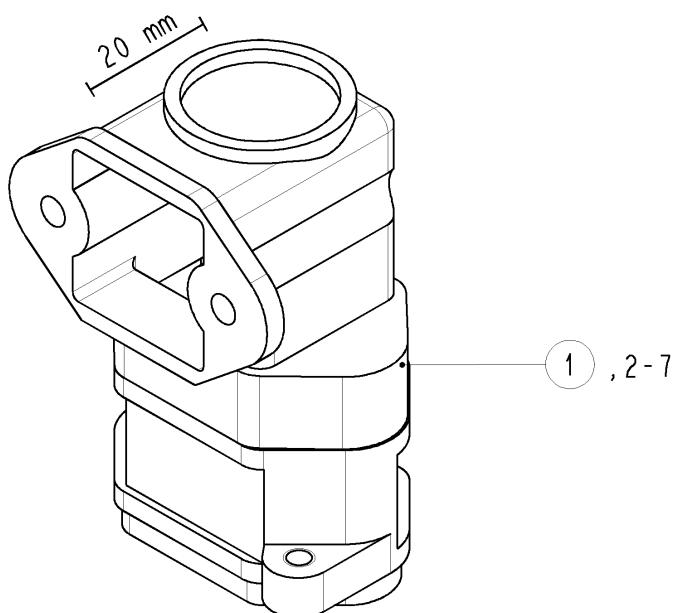
**T6 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
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	II80620/R			VALVE CORE			
2	B55436	2	Pce	O-RING			
5	B95882	1	Pce	BUSH			
6	A91453	1	Pce	O-RING			
7	A40125/13	1	Pce	O-RING			
15	454953	1	Pce	KNORR-K-RING	40.2		
16	C59204	1	Pce	COMPRESSION SPRING			
17	462422	1	Pce	KNORR-K-RING	22.8		
18	A97200/5	1	Pce	SCRAPER RING			
20	C149567	1	Pce	WASHER			
57	B44910	1	Pce	O-RING			
60	C158456	1	Pce	WASHER			
61	C124266/1	2	Pce	O-RING			
62	C158454	2	Pce	COVER PLATE			
64	C158452/1	1	Pce	PISTON			
65	C124262	1	Pce	BUSH			
66	477607	1	Pce	HEXAGON NUT	M8		



T7: PLUG



ET-1183981

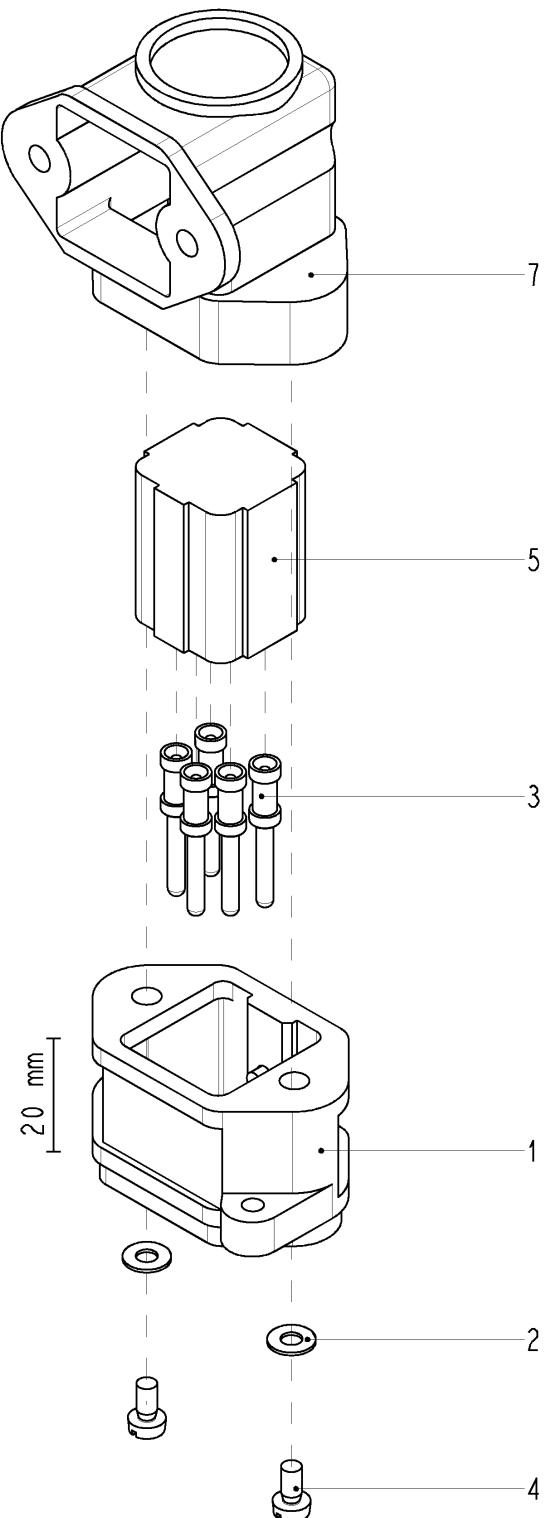
**T7 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
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	II83981			PLUG			
1	II51425	1	Pce	PLUG			30
2	C64531/8	230	mm	WIRE			
3	C64531/22	0.2	m	WIRE			
4	C64531/22	0.2	m	WIRE			
5	C64531/22	0.2	m	WIRE			
6	465974	1	Pce	CABLE TERMINAL	5-1,5		
7	463000	4	Pce	WIRE END SLEEVE	A1,5-7		



T8: PLUG



ET-1151425

**T8 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
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	II51425			PLUG			
1	C101797	1	Pce	ATTACHMENT HOUSING			
2	474785	2	Pce	WASHER	3	B	
3	B38969/1	5	Pce	CRIMP CONTACT			
4	465751	2	Pce	MACHINE SCREW	M3X6	B	
5	C80510	1	Pce	PIN ELEMENT			
7	C83180	1	Pce	ADAPTER			