

E-II111240/6016WU

Rev. 00 (07/2020) - en

Spare parts catalog

**BRAKE CALIPER UNIT
WZKT37M16FK110**



Contact address

KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH
Moosacher Straße 80
80809 München, Germany
Tel.: +49 (89) 3547-0
Fax.: +49 (89) 3547-2767
<http://www.knorr-bremse.com>

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In the case of changes to products, this spare parts catalogue is no longer valid.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

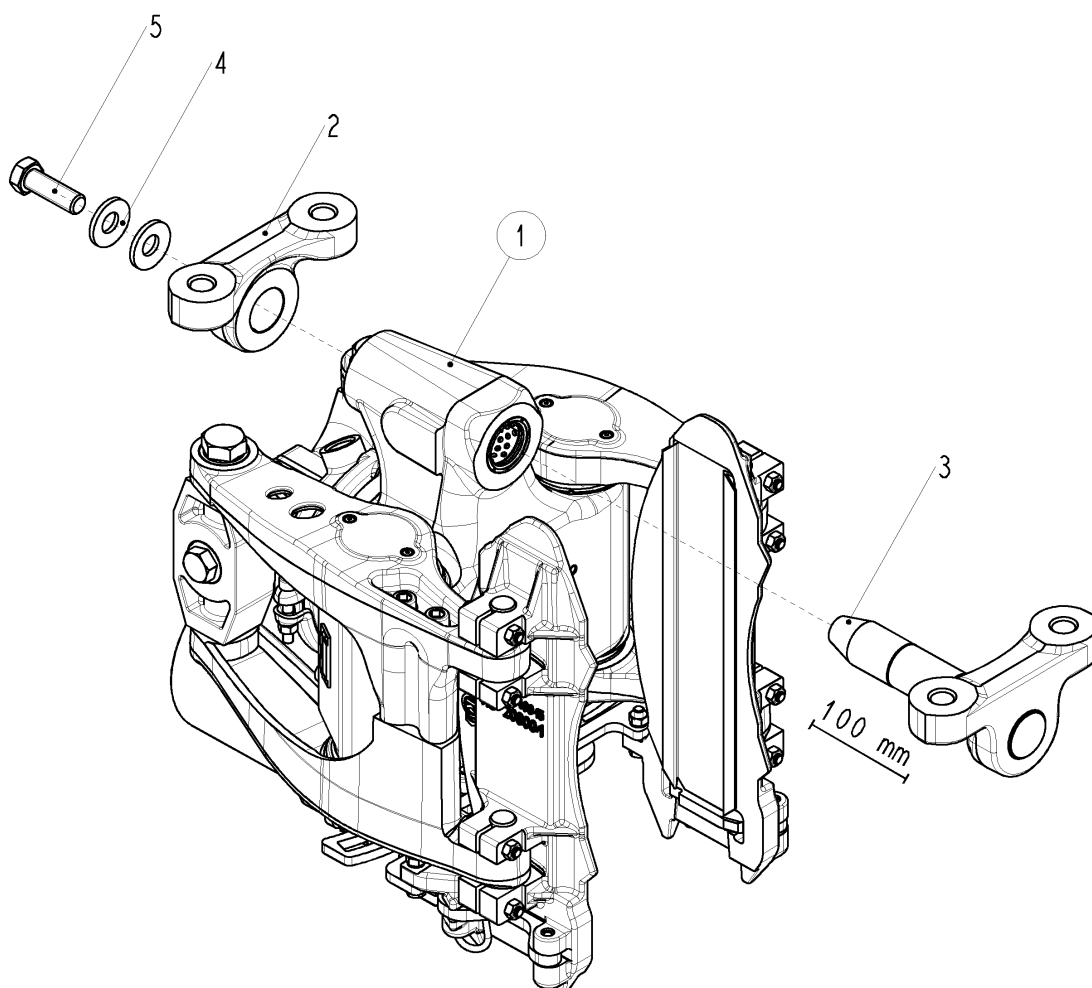


Table of contents

T0	BRAKE CALIPER UNIT	4
T1	BRAKE CALIPER UNIT	6
T2	HOUSING	14
T3	CYLINDER MODULE	16
T4	SLACK ADJ. MODULE	18
T5	LEVER	20
T6	BRAKE PAD HOLDER	22
T7	BRAKE PAD HOLDER	24
T8	BRAKE PAD HOLDER	26
T9	BRAKE PAD HOLDER	28
T10	DRIVE SHAFT	30
T11	CALIPER LEVER	32
T12	PUSH ROD	34
T13	BEARING BRACKET	36
T14	THREADED NUT	38



T0: BRAKE CALIPER UNIT



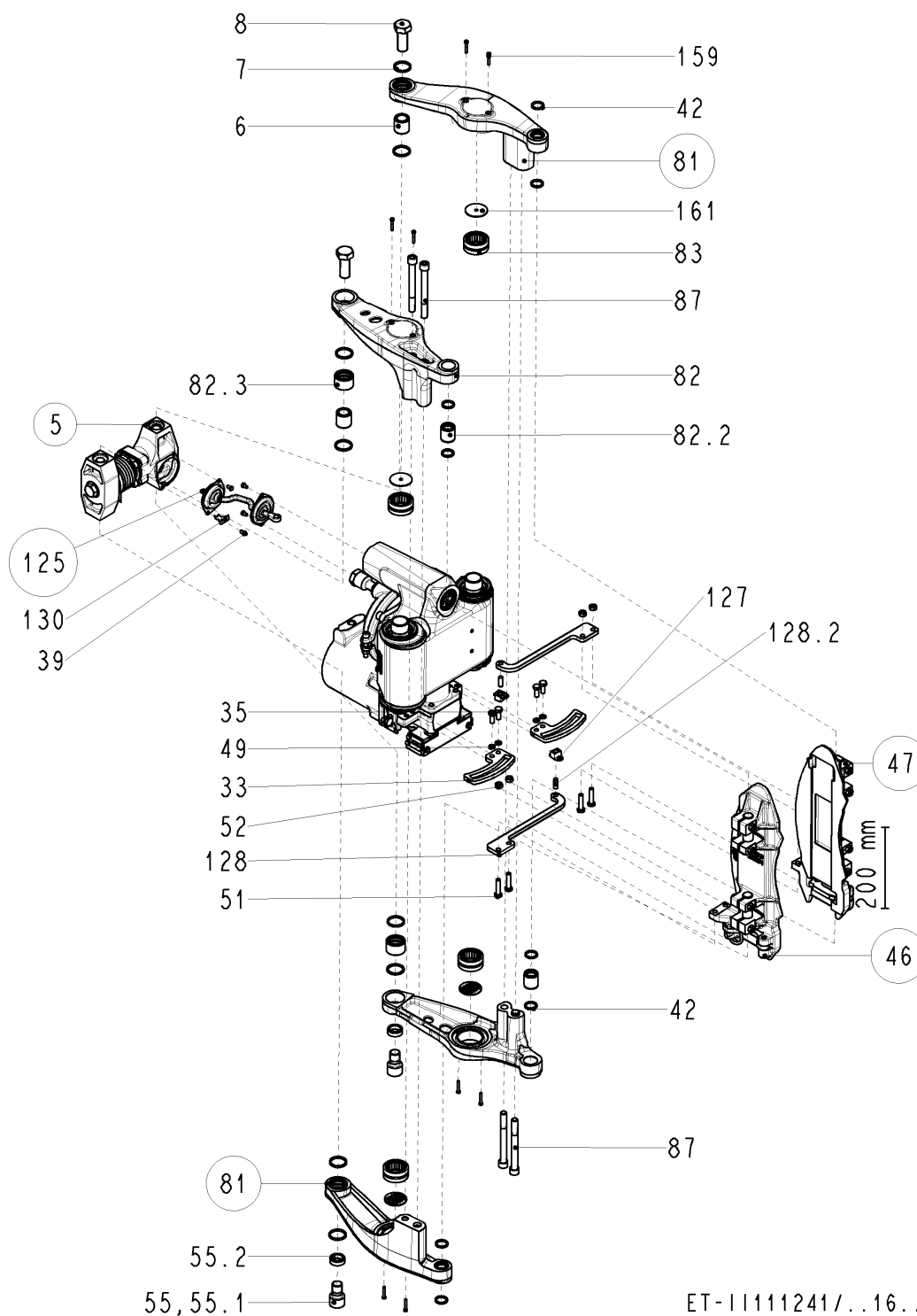
ET-II111240/...16...

**T0 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II111240/6016WU			BRAKE CALIPER UNIT			
1	II111241/6016WU	1	Pce	BRAKE CALIPER UNIT WZKT37M16FK110			6
2	C196699/2WU	1	Pce	BRACKET BEARING		C	
3	II102646/WU	1	Pce	BRACKET PIN WZKT		C	
4	463768	2	Pce	SPRING WASHER	16	A	
5	C160698/8	1	Pce	HEXAGON HEAD SCREW		A	



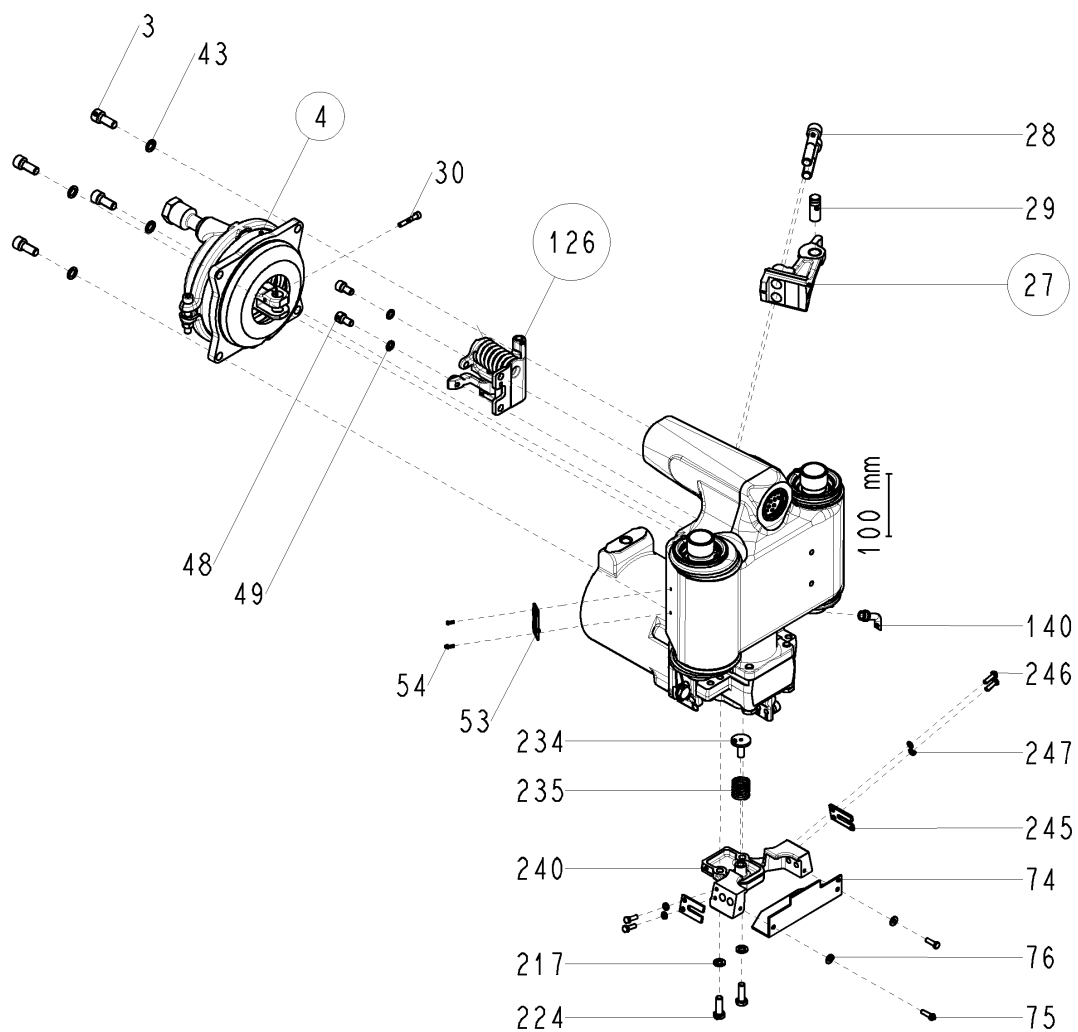
T1: BRAKE CALIPER UNIT



ET-11111241/...16...



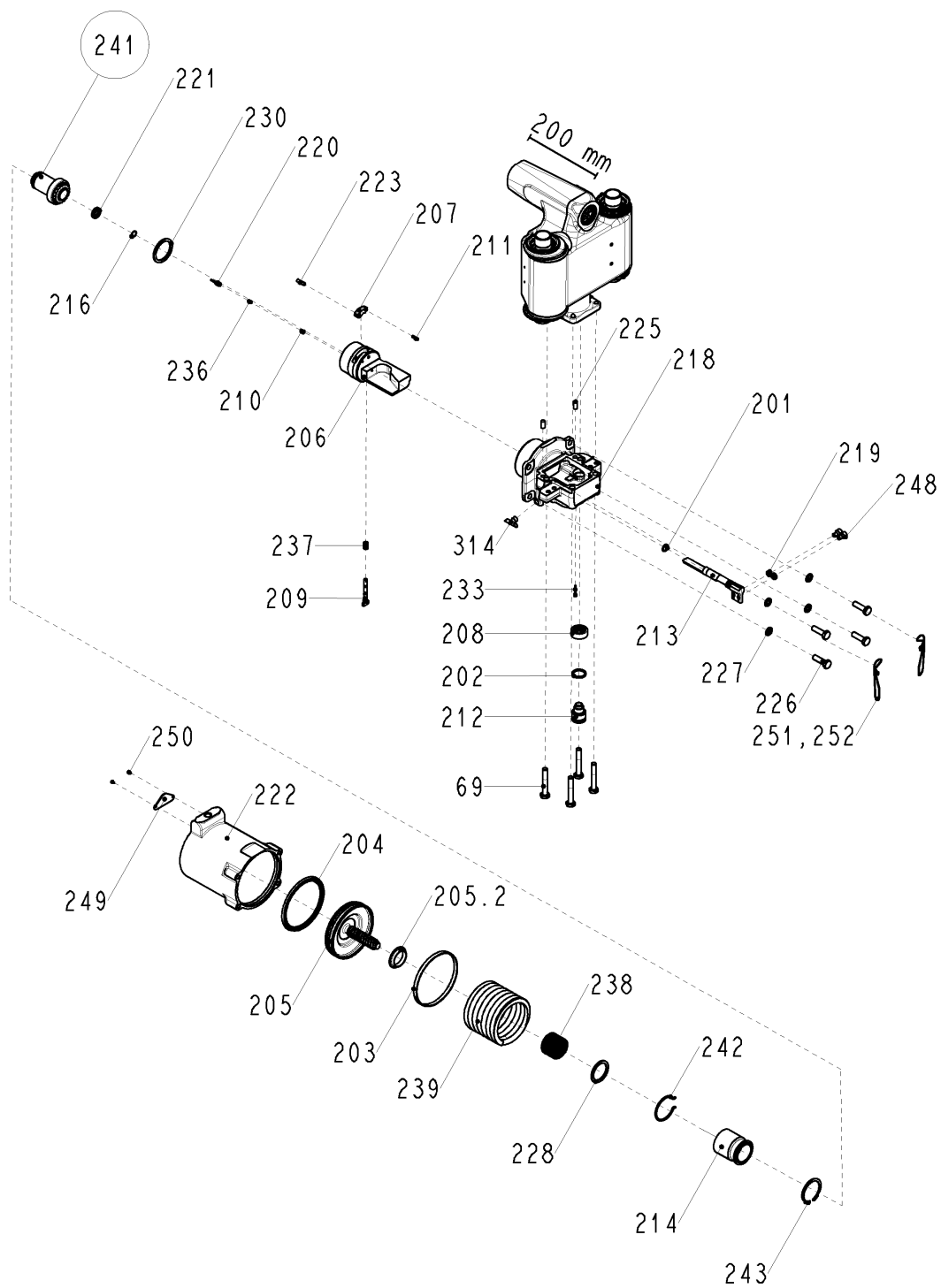
T1: BRAKE CALIPER UNIT



ET-II111241/..16..



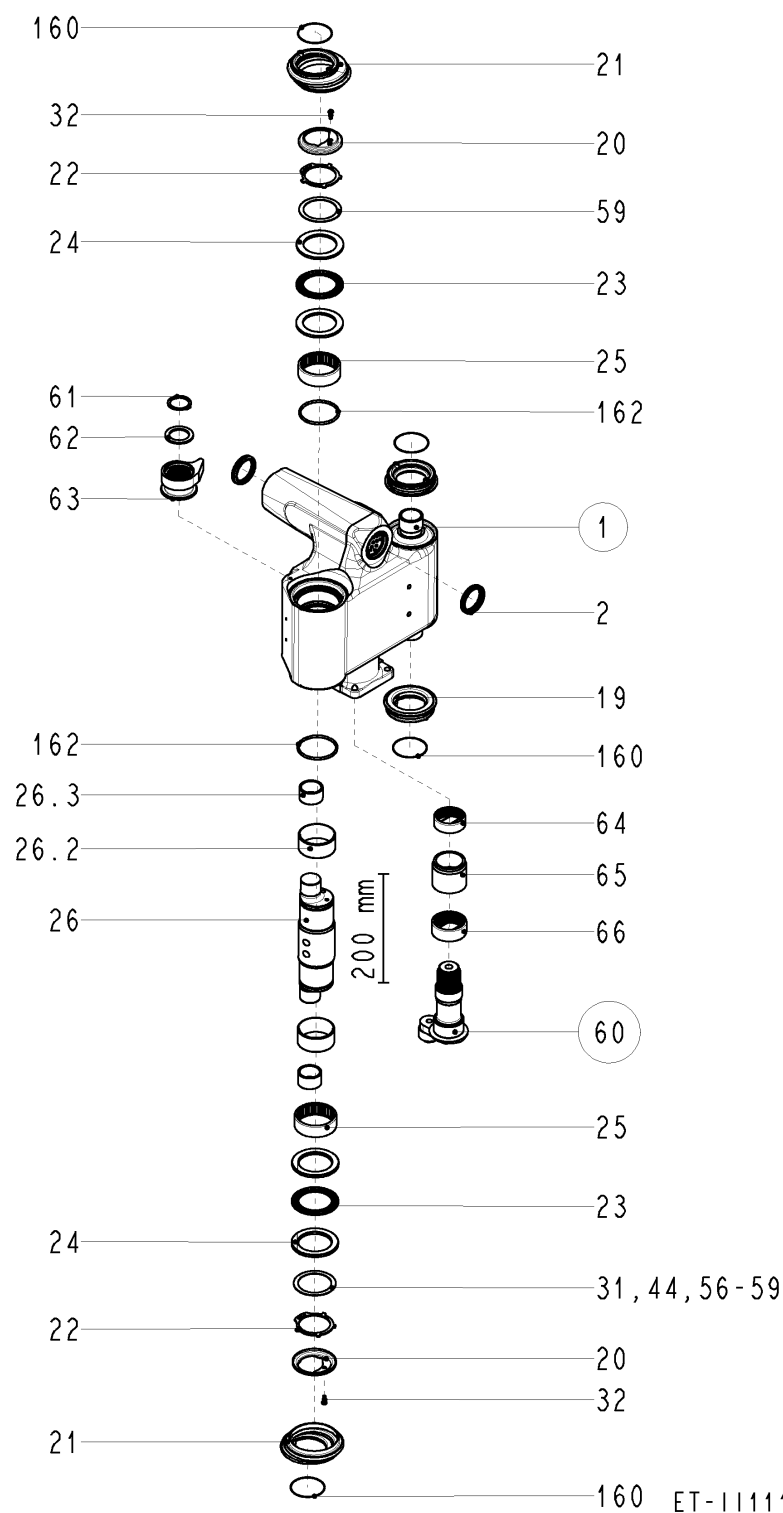
T1: BRAKE CALIPER UNIT



ET-11111241/...16..



T1: BRAKE CALIPER UNIT





T1 – Ordering information:

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II11241/6016WU			BRAKE CALIPER UNIT			
1	II97965/1WU	1	Pce	HOUSING WZTK..M..FK		C	14
2	C199619	2	Pce	SEALING RING		B	
3	470449	4	Pce	MACHINE SCREW	M10X25		
4	II103491/16	1	Pce	CYLINDER MODULE WZT/WZKT/RZKT			16
5	II32237/5WU	1	Pce	SLACK ADJ. MODULE MODUL WZ./RZ.			18
6	C64790	2	Pce	BEARING SLEEVE		C	
7	A40125/12	8	Pce	O-RING		B	
8	470450	2	Pce	HEXAGON HEAD SCREW	M20X50		
19	B65580/995	2	Pce	BELLOWS WZT/WZKK/RZKT		B	
20	C193793	2	Pce	LOCK WASHER			
21	B65580/951	2	Pce	BELLOWS WZT/WZKT/RZKT		B	
22	467807	2	Pce	RETAINING RING	50X2	A	
23	C64793	2	Pce	THRUST NEEDLE RING		C	
24	C64792	4	Pce	THRUST BEAR. DISC		C	
25	C54985/9	2	Pce	NEEDLE SLEEVE		C	
26	II100592	1	Pce	ECCENTRIC SHAFT FUER WZT		C	
26.2	C64773/11	2	Pce	INNER RING		C	
26.3	C64773/5	2	Pce	INNER RING		C	
27	II32242/1	1	Pce	LEVER		C	20
28	467225	2	Pce	MACHINE SCREW	M12X65		
29	C64795	1	Pce	PIN		C	
30	466669	1	Pce	MACHINE SCREW	M5X30		
31	467876	1	Pce	SHIM	50X63X1,4	C	
32	478952	2	Pce	BUTTON HEAD SCREW	M4X12		
33	C196861	2	Pce	PARALLEL GUIDE		C	
35	471023	4	Pce	HEXAGON HEAD SCREW	M8X20		
39	468848	4	Pce	HEXAGON HEAD SCREW	M5X8	B	
42	B47667	8	Pce	O-RING		B	
43	469659	4	Pce	SPRING WASHER	Z10	A	
44	474373	1	Pce	SHIM	50X63X1,5	C	
46	II103764/35	1	Pce	BRAKE PAD HOLDER			22



T1 – Ordering information:

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
				HUIC400OKR35			
47	II103763/35	1	Pce	BRAKE PAD HOLDER HUIC400OKL35			26
48	470580	2	Pce	MACHINE SCREW	M8X16		
49	469658	6	Pce	SPRING WASHER	Z08	A	
51	KP0050592-B-01	4	Pce	HEXAGON HEAD SCREW		A	
52	470582	4	Pce	HEXAGON NUT	M8		
53	B57772/1	1	Pce	NAME PLATE			
54	476110	2	Pce	GROOVED DRIVE STUD	3X8	A	
55	II32266/1	2	Pce	MACHINE SCREW		C	
55.1	C64860/1	1	Pce	MACHINE SCREW		C	
55.2	C64861/1	1	Pce	SPACING RING			
56	478958	1	Pce	SHIM	50X63X1,2	C	
57	478957	1	Pce	SHIM	50X63X1,1	C	
58	478959	1	Pce	SHIM	50X63X1,3	C	
59	470014	1	Pce	SHIM	50X63X1	C	
60	II32267/1	1	Pce	DRIVE SHAFT		C	30
61	450962	1	Pce	RETAINING RING	30X1,5	A	
62	467961	1	Pce	SUPPORTING DISC	S30X42		
63	C64850	1	Pce	BRAKE CAM		C	
64	C54985/7	1	Pce	NEEDLE SLEEVE		C	
65	C64852/2	1	Pce	SPACING SLEEVE			
66	C54985/3	1	Pce	NEEDLE SLEEVE		C	
69	470456	4	Pce	HEXAGON HEAD SCREW	M10X65		
74	C83067	1	Pce	METAL GUARD			
75	468101	2	Pce	HEXAGON HEAD SCREW	M5X16		
76	469644	2	Pce	SPRING WASHER	M05	A	
81	II100382/1WU	2	Pce	CALIPER LEVER WZT/WZKT		C	32
82	II100383/1WU	2	Pce	CALIPER LEVER WZT/WZKT		C	
82.2	C64753	1	Pce	BUSH		C	
82.3	C64752	1	Pce	BUSH		C	
83	C95955/1	4	Pce	NEEDLE BEARING		C	
87	KP0050592-B	4	kg	MACHINE SCREW		A	
125	II45564	1	Pce	PUSH ROD		C	34
126	II45362	1	Pce	BEARING BRACKET			36
127	C196857	2	Pce	SLIDE KEY		C	



T1 – Ordering information:

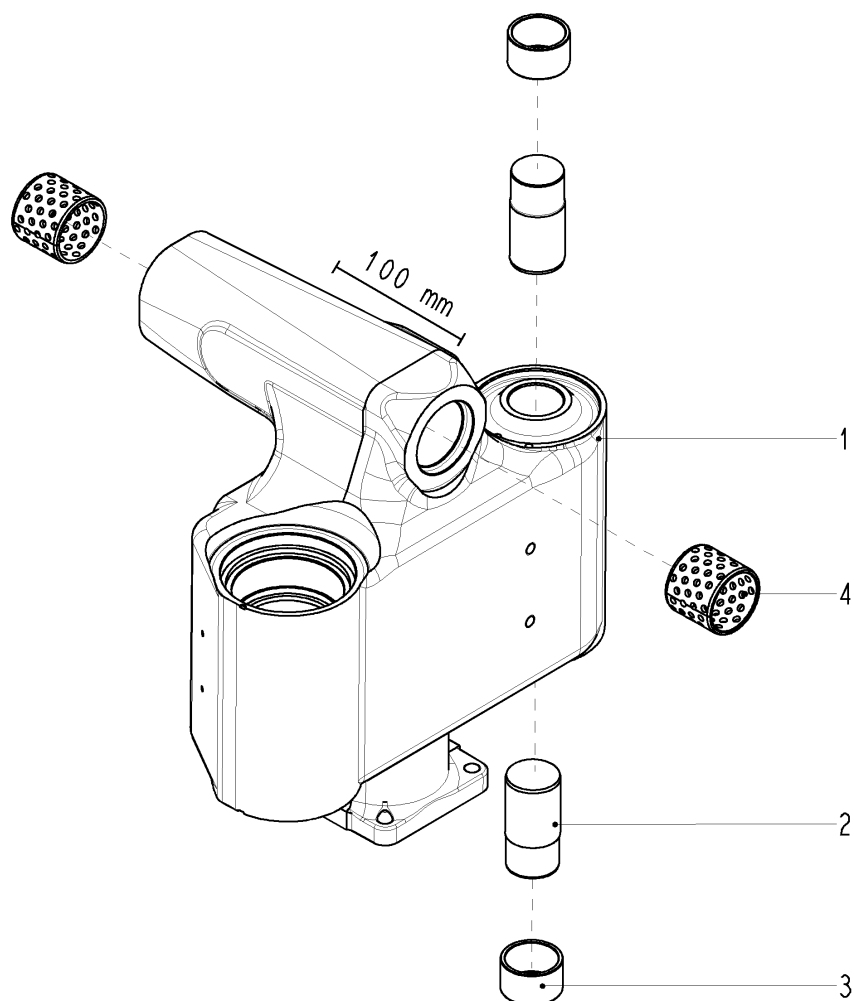
Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
128	II98317/01	2	Pce	PARALLEL ARM WZT/WZKT			
128.2	477469	1	Pce	STRAIGHT PIN	8m6X24	C	
130	C96449/1	1	Pce	METAL GUARD			
140	C145508/1	1	Pce	EXHAUST PIPE		B	
159	469782	8	Pce	MACHINE SCREW	M4X25	B	
160	C64919	4	Pce	SNAP RING		A	
161	C199751	4	Pce	DISC		C	
162	A40125/33	2	Pce	O-RING		B	
201	ORA0125000	1	Pce	O-RING	12,5X1,8	B	
202	B73359	1	Pce	O-RING		B	
203	B67636/4	1	Pce	SLIDE BAND		B	
204	B74139/1253	1	Pce	SEALING RING		B	
205	II52503	1	Pce	PISTON		C	
205.2	C103491	1	Pce	SPRING RETAINER			
206	C83043/600	1	Pce	WEDGE		C	
207	C83046	1	Pce	PAWL			
208	C57231/3	1	Pce	SUPPORTING ROLLER		C	
209	C83050	1	Pce	TAPPET			
210	C83051	1	Pce	CENTRING			
211	C83052	1	Pce	PIN			
212	C83054	1	Pce	SLEEVE			
213	C83055	1	Pce	EMERG.REL.LOCK		C	
214	C83059	1	Pce	SLEEVE			
216	476322	1	Pce	SNAP RING	A14	A	
217	469658	2	Pce	SPRING WASHER	Z08	A	
218	C206144/1WU	1	Pce	COVER			
219	C91858	2	Pce	SPACING SLEEVE			
220	C83073	1	Pce	PISTON			
221	C83075	1	Pce	SUPPORTING RING			
222	C83077/18WU	1	Pce	CYLINDER		C	
223	C83358	1	Pce	PIN			
224	470452	2	Pce	HEXAGON HEAD SCREW	M8X25		
225	477821	2	Pce	GROOVED DOWEL PIN	8X18		
226	470455	4	Pce	HEXAGON HEAD SCREW	M10X35-SK		
227	466174	4	Pce	SPRING WASHER	10	A	
228	468776	1	Pce	SUPPORTING DISC	S40X50		
230	468777	1	Pce	SUPPORTING DISC	S45X55		


T1 – Ordering information:

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
233	C91456	1	Pce	PIN			
234	C83068	1	Pce	TAPPET			
235	B65582/87	1	Pce	COMPRESSION SPRING		C	
236	B65582/86	1	Pce	COMPRESSION SPRING		C	
237	B65582/85	1	Pce	COMPRESSION SPRING		C	
238	B65582/88	1	Pce	COMPRESSION SPRING		C	
239	B65581/36	1	Pce	COMPRESSION SPRING		C	
240	C83045	1	Pce	BRACKET			
241	II46617	1	Pce	THREADED NUT		C	38
242	C90968	1	Pce	SNAP RING		A	
243	C85668/1	1	Pce	RETAINING RING		A	
245	C83049/1	2	Pce	LOCKING PLATE			
246	468101	4	Pce	HEXAGON HEAD SCREW	M5X16		
247	469644	4	Pce	SPRING WASHER	M05	A	
248	470454	2	Pce	MACHINE SCREW	M8X12		
249	B61376/028	1	Pce	PLATE			
250	476111	2	Pce	SELF-TAPPING SCREW	BE M3X6	A	
251	502627	2	Pce	TWO-HOLE LEAD SEAL	8,5 X 8,5	A	
252	501349	0.3	m	WIRE	DR 0,5	A	
314	C145508/2	1	Pce	EXHAUST PIPE		B	



T2: HOUSING



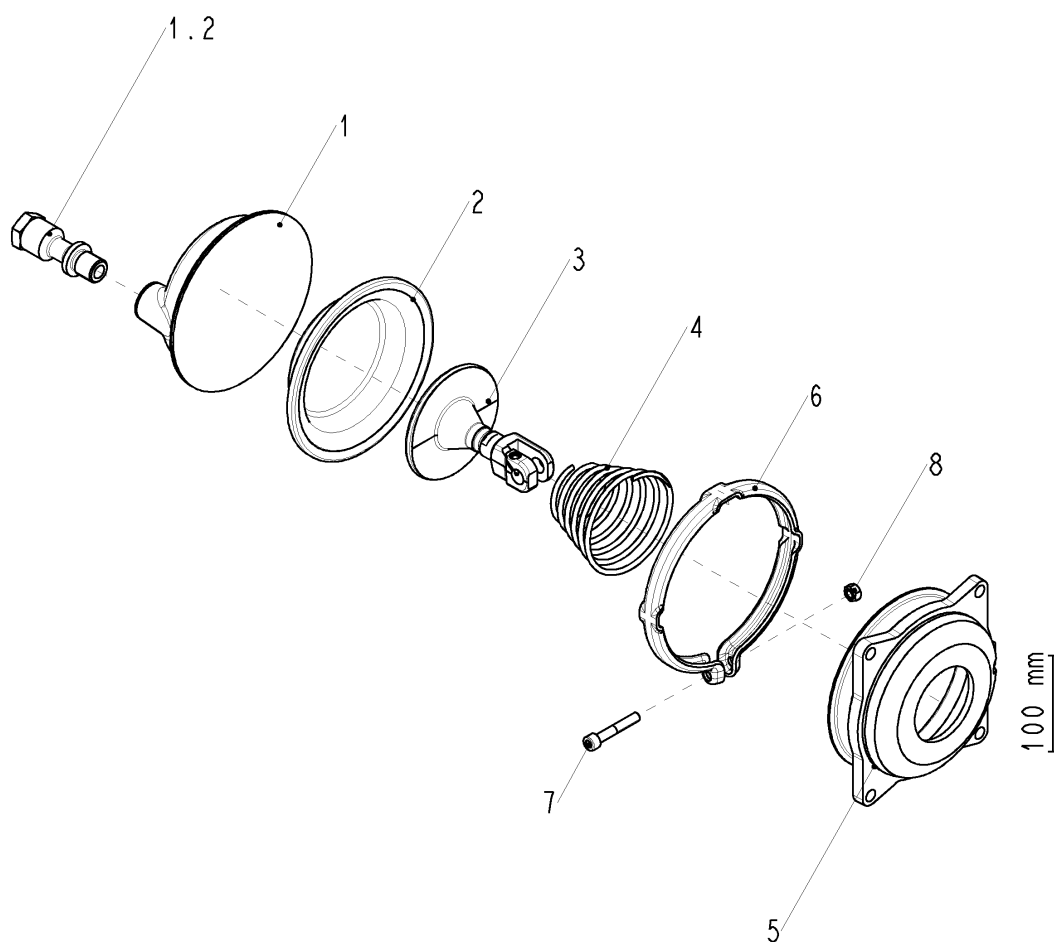
ET-1197965/1..

**T2 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II97965/1WU			HOUSING			
1	C193735/1WU	1	Pce	HOUSING		C	
2	C201396	2	Pce	JOURNAL			
3	C64773/5	2	Pce	INNER RING		C	
4	C65658/10	2	Pce	BUSH		C	



T3: CYLINDER MODULE



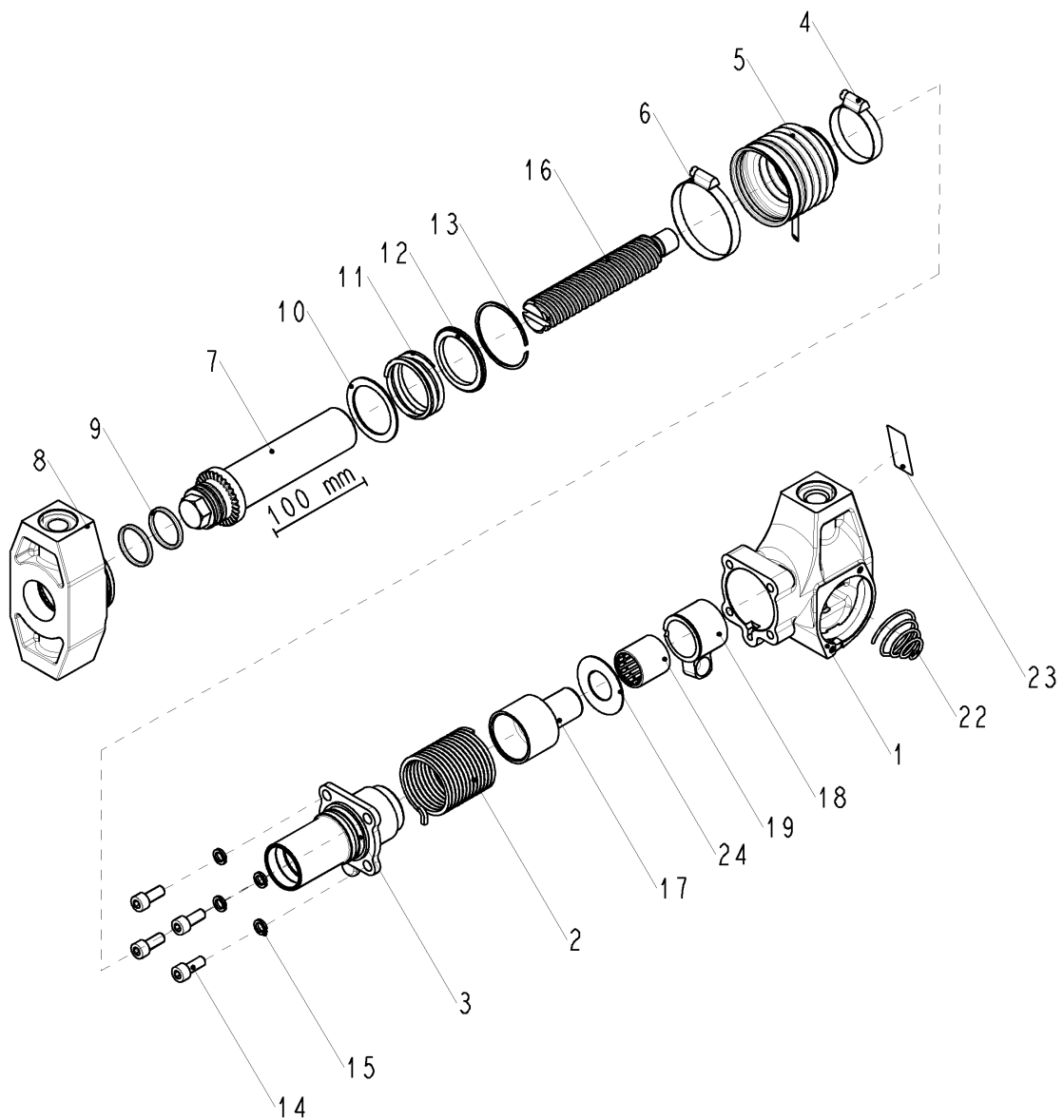
ET-III103491/18

**T3 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II103491/16			CYLINDER MODULE			
1	II52513/1	1	Pce	CYLINDER			
1.2	C67838/10	1	Pce	SOCKET			
2	C64802/16	1	Pce	DIAPHRAGM		B	
3	C133665/16	1	Pce	PISTON			
4	C64789/1	1	Pce	CON.SPIRAL SPRING		C	
5	C130462/052	1	Pce	CYLINDER HOUSING			
6	C64803/2	1	Pce	CLAMP RING			
7	451619	1	Pce	MACHINE SCREW	M8X50		
8	C20308/35	1	Pce	HEXAGON NUT		B	



T4: SLACK ADJ. MODULE



ET-II32237/5..

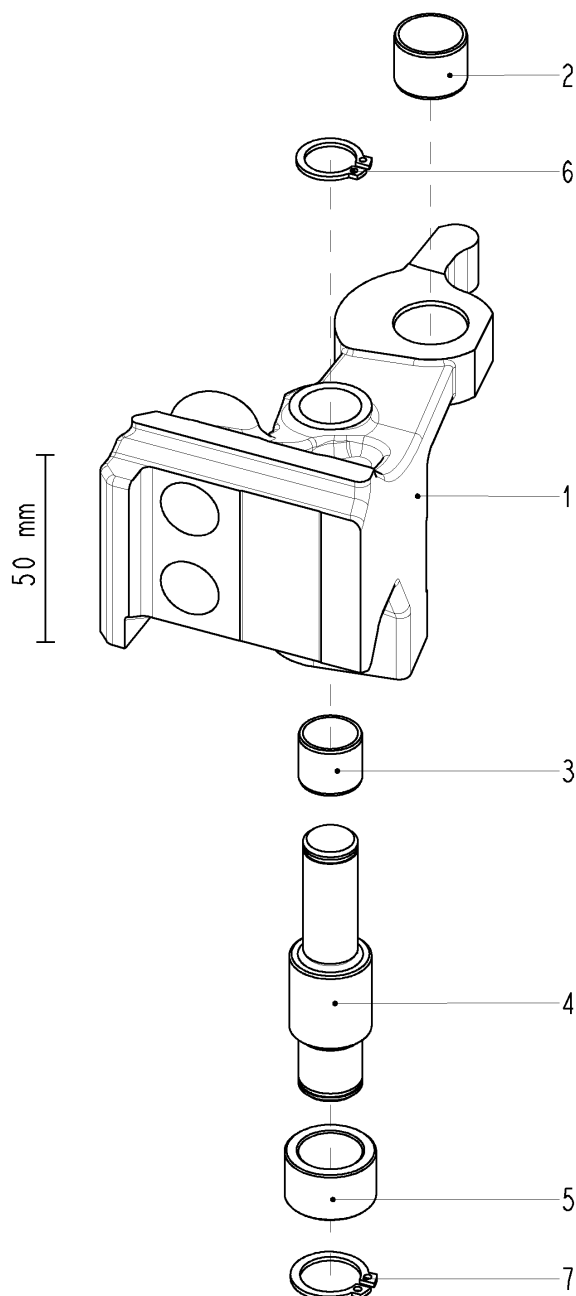


T4 – Ordering information:

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II32237/5WU			SLACK ADJ. MODULE			
1	C64760/1WU	1	Pce	ADJUSTER HOUSING		C	
2	B68771/11	1	Pce	TORSION SPRING		C	
3	C64761/6WU	1	Pce	GUIDE TUBE		C	
4	B33793/10	1	Pce	HOSE CLAMP		B	
5	B65580/35	1	Pce	BELLOWS		B	
6	B33793/4	1	Pce	HOSE CLAMP		B	
7	C64765/5	1	Pce	PIPE NUT		C	
8	C87524/WU	1	Pce	YOKE		C	
9	A40125/12	2	Pce	O-RING		B	
10	C64785	1	Pce	WASHER			
11	B65582/50	1	Pce	COMPRESSION SPRING		C	
12	C64784	1	Pce	RING			
13	A82902/30	1	Pce	SNAP RING		A	
14	470451	4	Pce	MACHINE SCREW	M8X20		
15	469658	4	Pce	SPRING WASHER	Z08	A	
16	C64782	1	Pce	SPINDLE		C	
17	C64783	1	Pce	COUPLING SLEEVE		C	
18	C64779/3	1	Pce	ADJUSTER LEVER		C	
19	C64778	1	Pce	SLEEVE FREEWHEEL		B	
22	C64786/1	1	Pce	CON.SPIRAL SPRING		C	
23	C176043/1	1	Pce	NAME PLATE			
24	C122228/3	1	Pce	WASHER		C	



T5: LEVER



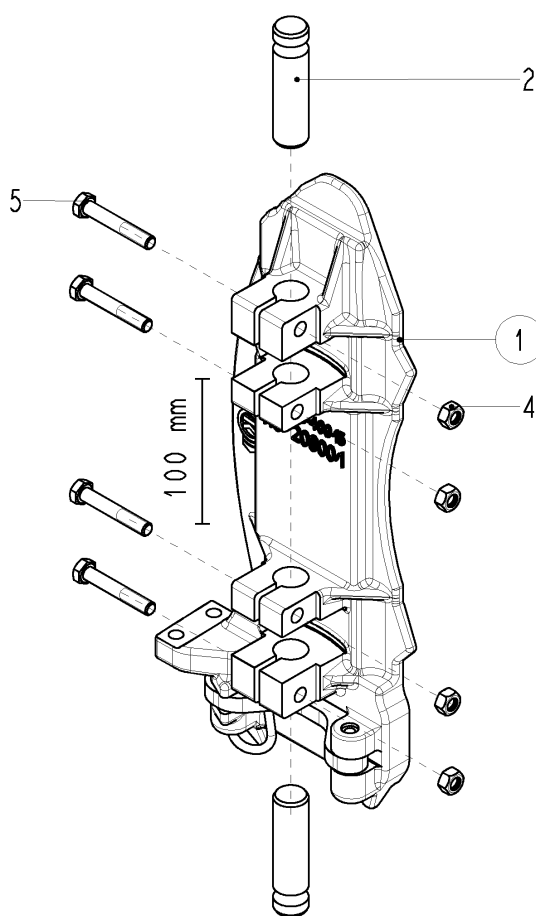
ET-1132242/1

**T5 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II32242/1			LEVER			
1	C64796/1	1	Pce	LEVER			
2	A52014/42	1	Pce	DRY BUSHING		C	
3	A52014/24	1	Pce	DRY BUSHING		C	
4	C64851	1	Pce	ROLLER		C	
5	C64853	1	Pce	BUSH		C	
6	457802	1	Pce	RETAINING RING	12X1	A	
7	458071	1	Pce	RETAINING RING	14X1	A	



T6: BRAKE PAD HOLDER



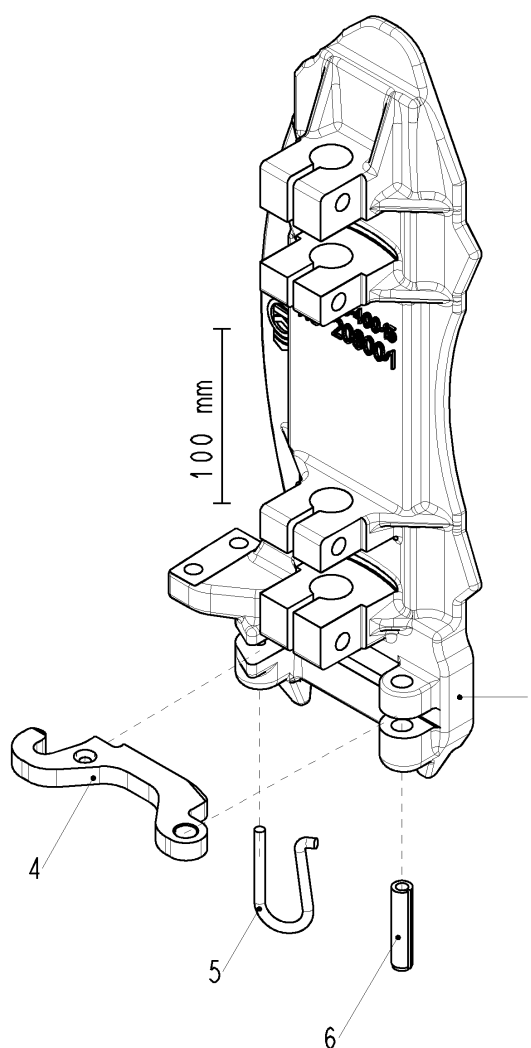
ET-11103764/35

**T6 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II103764/35			BRAKE PAD HOLDER			
1	II103766/35	1	Pce	BRAKE PAD HOLDER HUIC400OVR35			24
2	C20882	2	Pce	PIN		C	
4	C20308/35	4	Pce	HEXAGON NUT		B	
5	465344	4	Pce	HEXAGON HEAD SCREW	M8X50		



T7: BRAKE PAD HOLDER



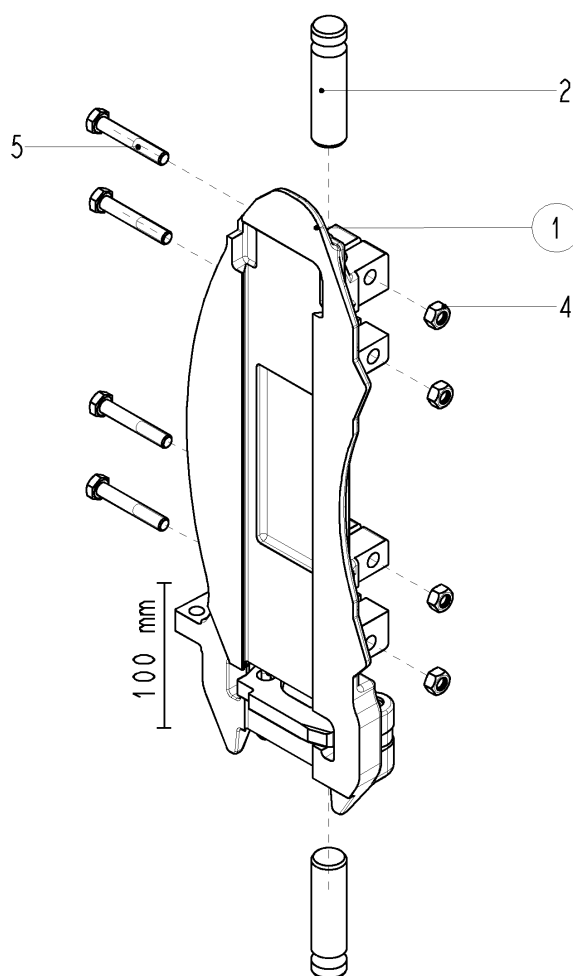
ET-11103766/35

**T7 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II103766/35			BRAKE PAD HOLDER			
1	C20800/10	1	Pce	BRAKE PAD HOLDER		C	
4	C77932/4	1	Pce	LOCKING GATE		C	
5	C56859	1	Pce	LOCKING SPRING		B	
6	462523	1	Pce	CLAMPING PIN	10X45	A	



T8: BRAKE PAD HOLDER



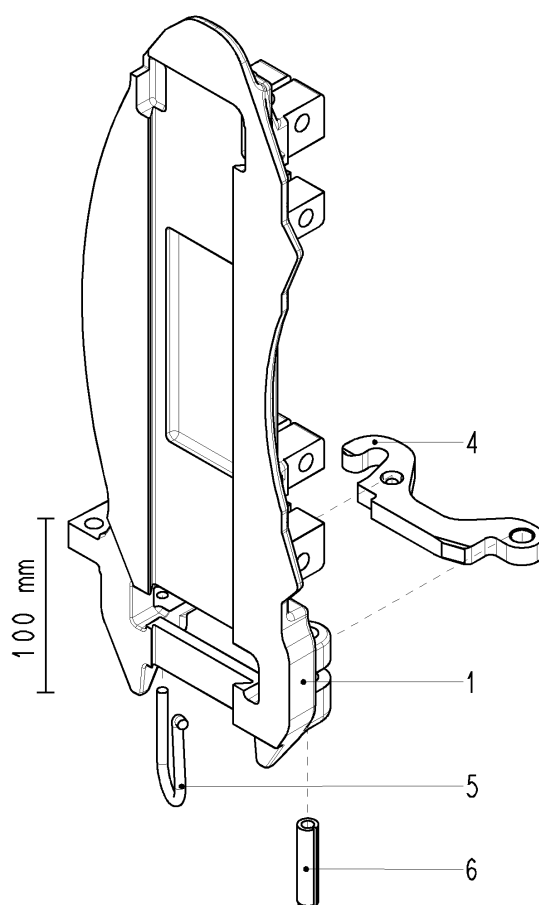
ET-III103763/35

**T8 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II103763/35			BRAKE PAD HOLDER			
1	II103765/35	1	Pce	BRAKE PAD HOLDER HUIC400OVL35			28
2	C20882	2	Pce	PIN		C	
4	C20308/35	4	Pce	HEXAGON NUT		B	
5	465344	4	Pce	HEXAGON HEAD SCREW	M8X50		



T9: BRAKE PAD HOLDER



ET-11103765/35

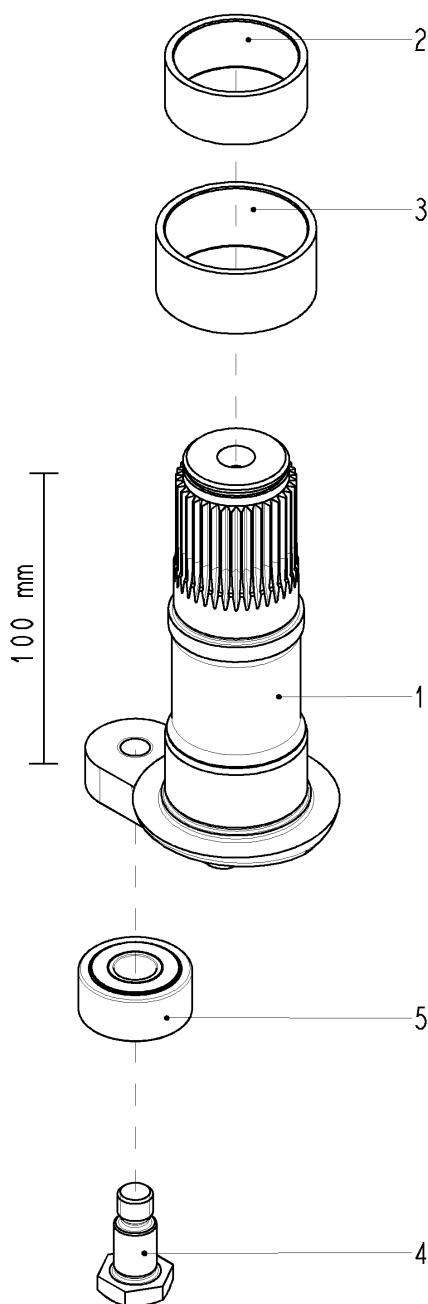
**T9 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
------	-------------	----------	------	------	---------	-----	------

	II103765/35			BRAKE PAD HOLDER			
1	C20799/10	1	Pce	BRAKE PAD HOLDER		C	
4	C77932/4	1	Pce	LOCKING GATE		C	
5	C56859	1	Pce	LOCKING SPRING		B	
6	462523	1	Pce	CLAMPING PIN	10X45	A	



T10: DRIVE SHAFT



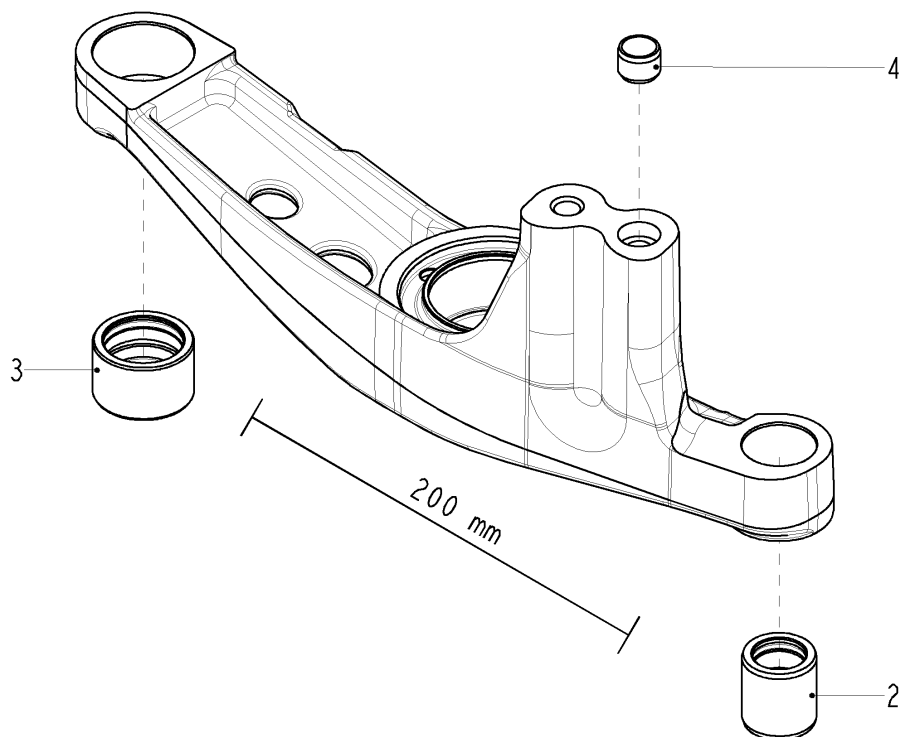
ET-II32267/1

**T10 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II32267/1			DRIVE SHAFT			
1	C64863/1	1	Pce	DRIVE SHAFT			
2	C64773/3	1	Pce	INNER RING		C	
3	C64773/4	1	Pce	INNER RING		C	
4	C83058	1	Pce	BEARING SCREW			
5	C57231/2	1	Pce	SUPPORTING ROLLER		C	



T11: CALIPER LEVER



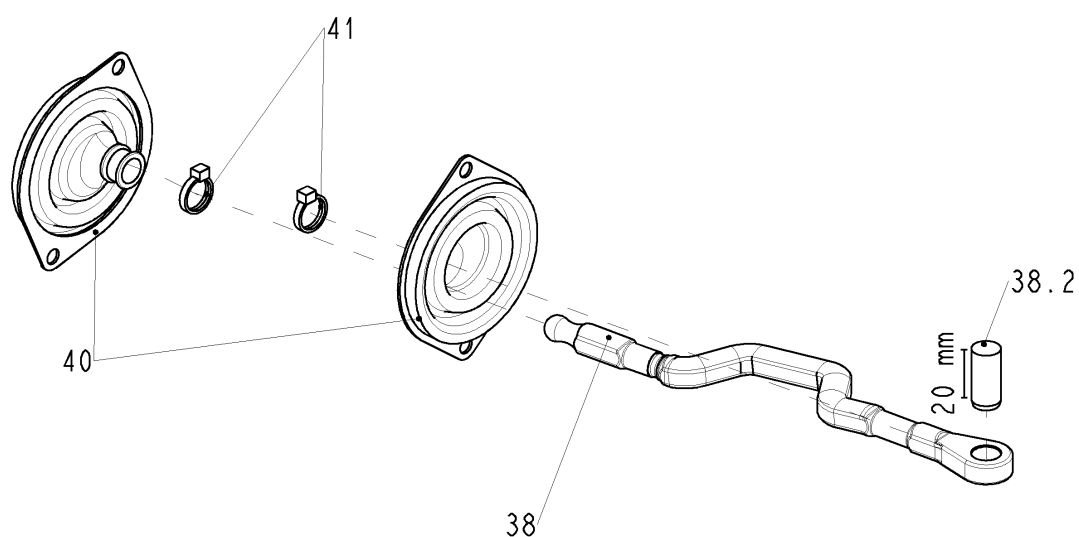
ET-II1100382/1..

**T11 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II100382/1WU			CALIPER LEVER			
2	C64753	1	Pce	BUSH		C	
3	C64752	1	Pce	BUSH		C	
4	469329	1	Pce	CLAMPING PIN	16X12	A	



T12: PUSH ROD



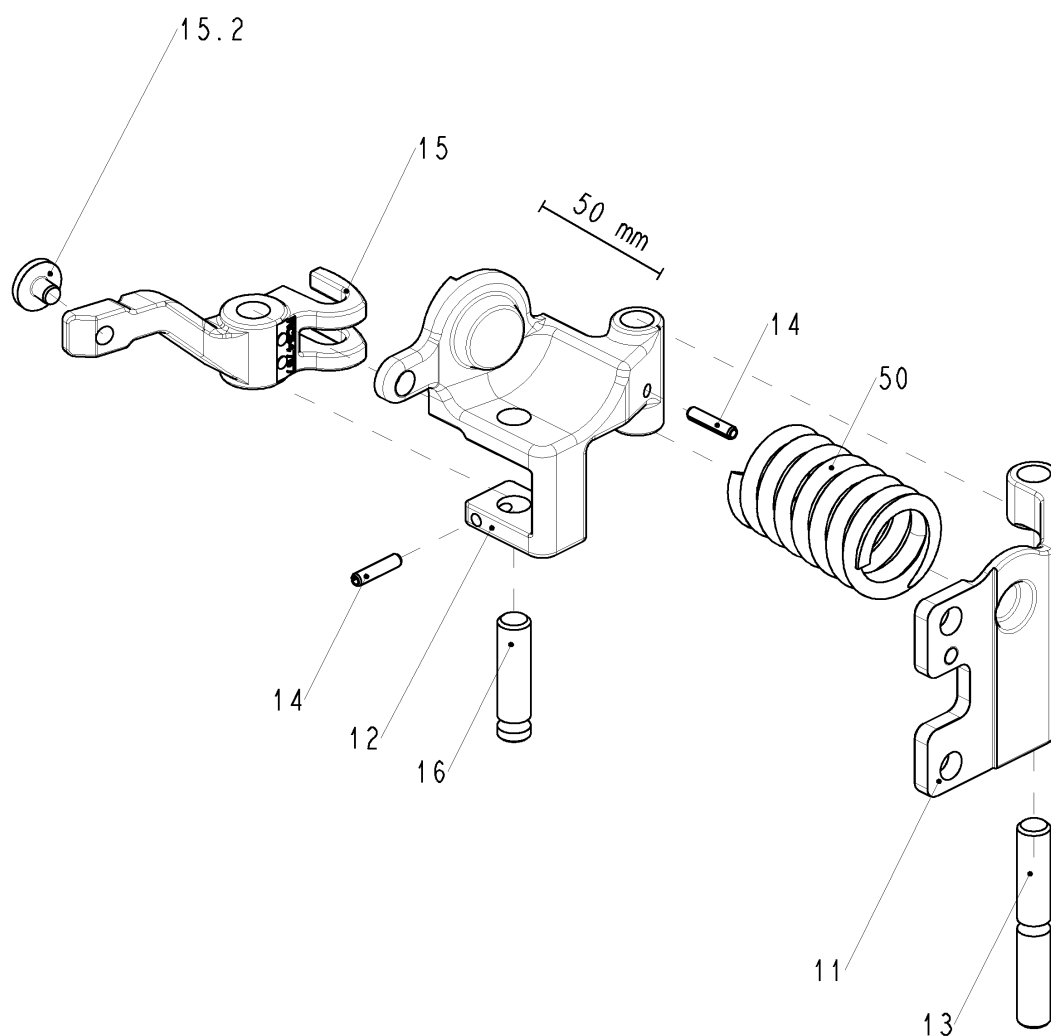
ET-1145564

**T12 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II45564			PUSH ROD			
38	II32243	1	Pce	PUSH ROD		C	
38.2	467806	1	Pce	STRAIGHT PIN	10m6X24		
40	B65580/36	2	Pce	BELLOWS		B	
41	C146738/2	2	Pce	CLAMP RING		A	



T13: BEARING BRACKET



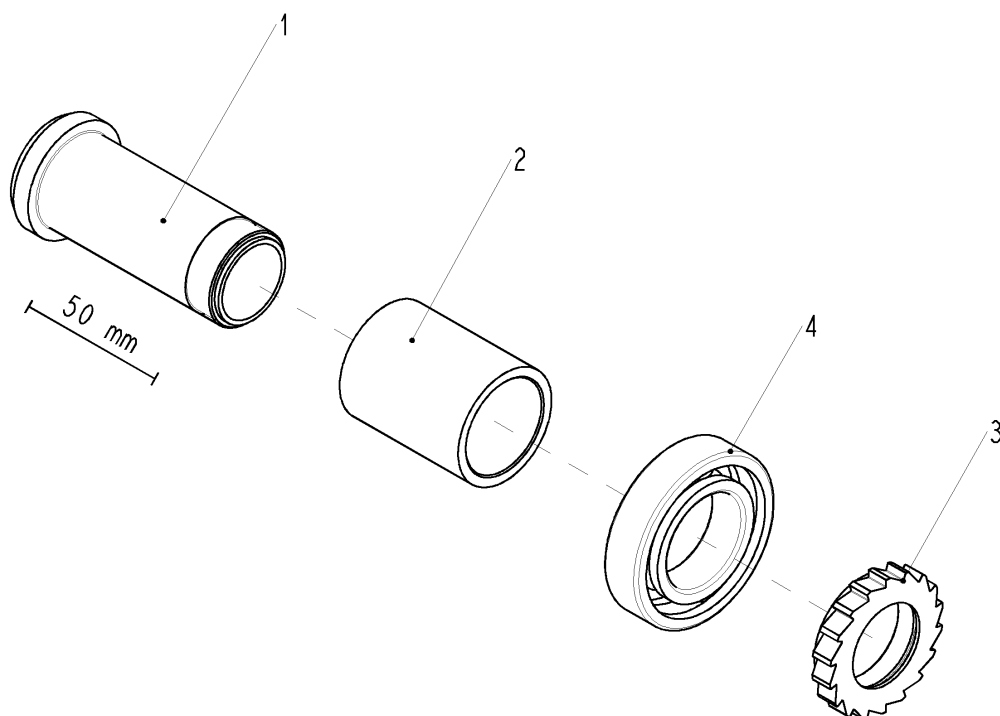
ET-1145362

**T13 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II45362			BEARING BRACKET			
11	C64754	1	Pce	BEARING BRACKET		C	
12	C64756	1	Pce	LEVER BEARING		C	
13	C64758	1	Pce	PIN		C	
14	453047	2	Pce	CLAMPING PIN	4X18	A	
15	II34080	1	Pce	ROCKER ARM		C	
15.2	C64739	1	Pce	THRUST WASHER		C	
16	C64759	1	Pce	PIN		C	
50	B65582/62	1	Pce	COMPRESSION SPRING		C	



T14: THREADED NUT



ET-1146617

**T14 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II46617			THREADED NUT			
1	C83063/1	1	Pce	THREADED NUT			
2	C83060	1	Pce	SLEEVE			
3	C83072	1	Pce	GEAR WHEEL		C	
4	451227	1	Pce	DEEP-GROOVE BEAR.	6006	C	