

**E-II111101/1**

Rev. 00 (07/2020) - en

## Spare parts catalog

AUXIL.CONTROL UNIT  
ZGE-251

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In the case of changes to products, this spare parts catalogue is no longer valid.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

**Table of contents**

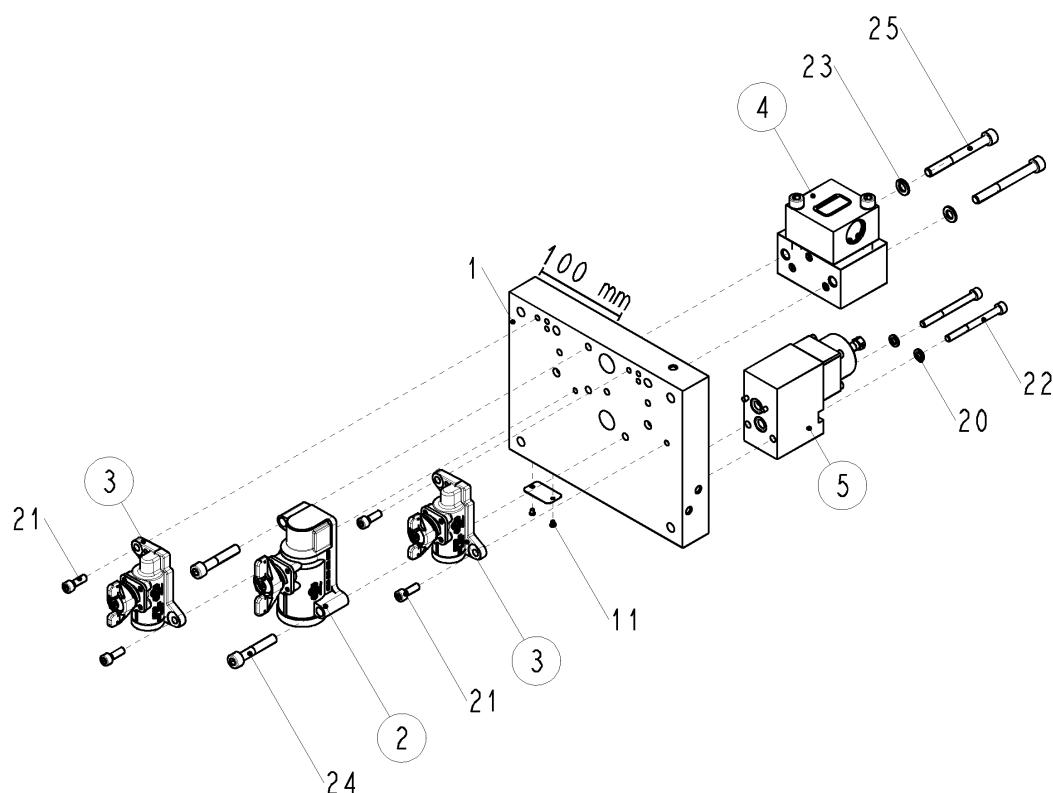
<b>T0 AUXIL.CONTROL UNIT</b>	<b>5</b>
T1 BALLCOCK	7
T2 BALLCOCK	9
T3 MEAN-PRESS. VALVE	11
T4 PRESS.REDUC.VALVE	14

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

KIT-No.	Type	Additional text	Item number	Name
OPK02422	Overhaul kit		II77479/050A	PRESS.REDUC.VALVE
OPK03180	Overhaul kit	I20871 U. I20871/X67	I20871	MEAN-PRESS. VALVE
OPK00242	Overhaul kit		II74581/2A1RE	BALLCOCK
OPK01074	Overhaul kit	ENTL.BOHRUNG DIA2	II74581/2A1RE	BALLCOCK
OPK00243	Overhaul kit		II74560/2A1RE	BALLCOCK
OPK01075	Overhaul kit	ENTL.BOHRUNG DIA4	II74560/2A1RE	BALLCOCK



## T0: AUXIL.CONTROL UNIT



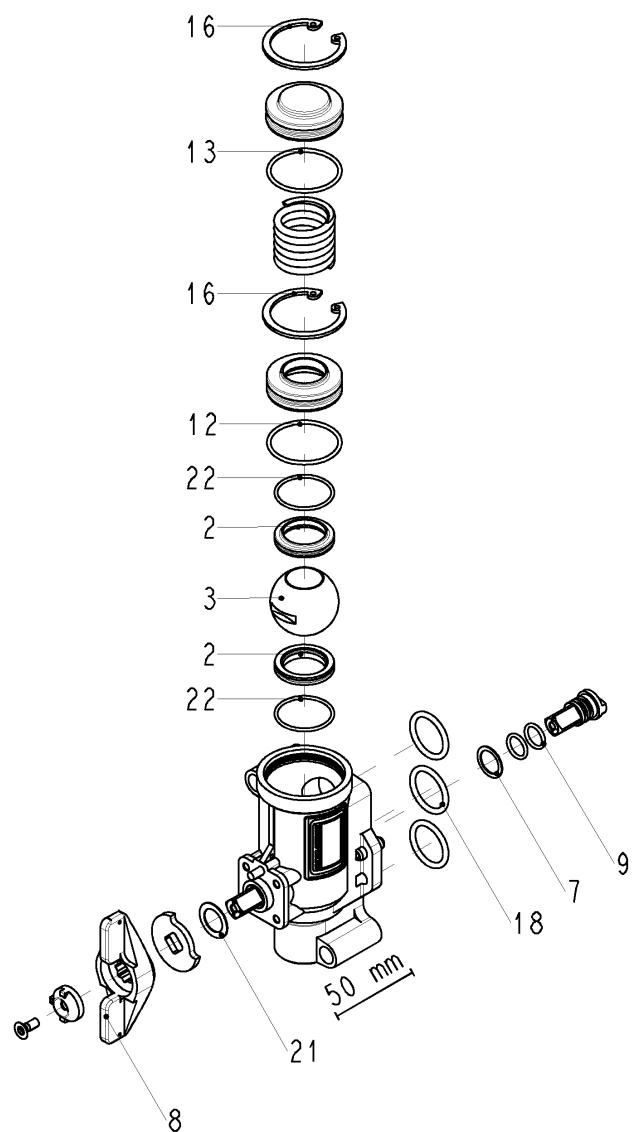
ET-I1111101/1

**T0 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	<b>II111101/1</b>			<b>AUXIL.CONTROL UNIT</b>			
1	KP0356464	1	Pce	BASE PLATE			
2	II74560/2A1RE	1	Pce	BALLCOCK SK-T-DN19E			7
3	II74581/2A1RE	2	Pce	BALLCOCK SK-T-DN7E			9
4	I20871	1	Pce	MEAN-PRESS. VALVE MDV1-T			11
5	II77479/050A	1	Pce	PRESS.REDUC.VALVE DMV7-T			14
11	453016	2	Pce	GROOVED DRIVE STUD	3X4	A	
20	462968	2	Pce	WASHER	6		
21	468954	4	Pce	MACHINE SCREW	M6X18		
22	467999	2	Pce	MACHINE SCREW	M6X65		
23	450862	2	Pce	WASHER	8		
24	466370	2	Pce	MACHINE SCREW	M8X45		
25	468446	2	Pce	MACHINE SCREW	M8X75		



## T1: BALLCOCK



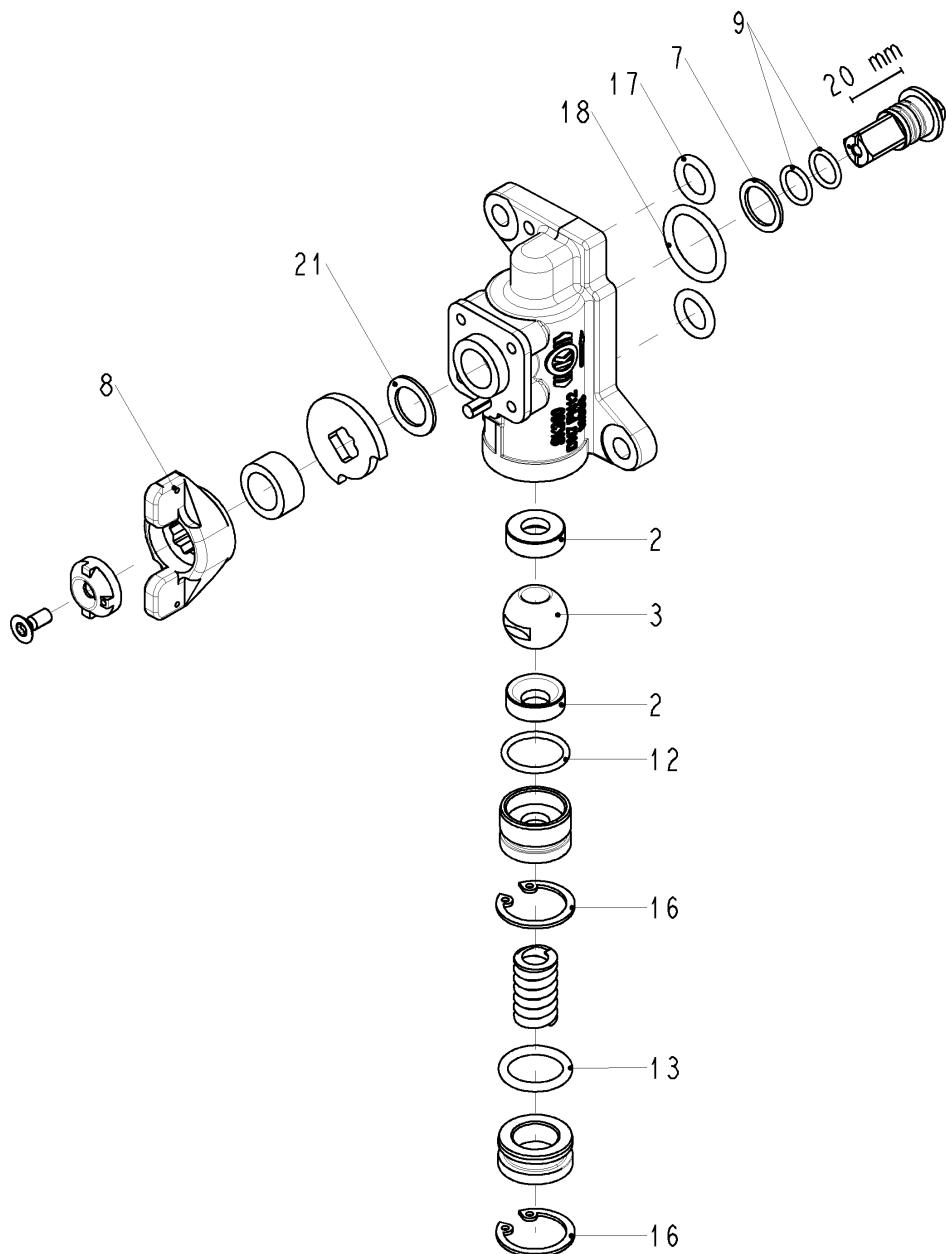
ET-1174560/2A1RE

**T1 – Ordering information:**

Pos. OEM/OPK	Part is contained in Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
2	002 OPK00243 002 OPK01075	II74560/2A1RE 2 2	Pce	BALLCOCK GASKET d28x4.5	B	
3	003 OPK01075	1 1	Pce	BALL d34	C	
7	007 OPK00243 007 OPK01075	1 1	Pce	THRUST RING 16x12x1	B	
8	-	C138629/A 1	Pce	T-HANDLE		
9	009 OPK00243 009 OPK01075	2 2	Pce	O-RING d9x1.5	B	
12	012 OPK00243 012 OPK01075	1 1	Pce	O-RING d31x1.8	A	
13	013 OPK00243 013 OPK01075	1 1	Pce	O-RING d30x2.6	B	
16	016 OPK00243 016 OPK01075	2 2	Pce	RETAINING RING d36x1.5	A	
18	018 OPK00243 018 OPK01075	3 3	Pce	O-RING d20x2.6	B	
21	021 OPK00243 021 OPK01075	1 1	Pce	SPACING DISC 18x12x1	B	
22	022 OPK00243 022 OPK01075	2 2	Pce	O-RING d25x1.5	B	



## T2: BALLCOCK



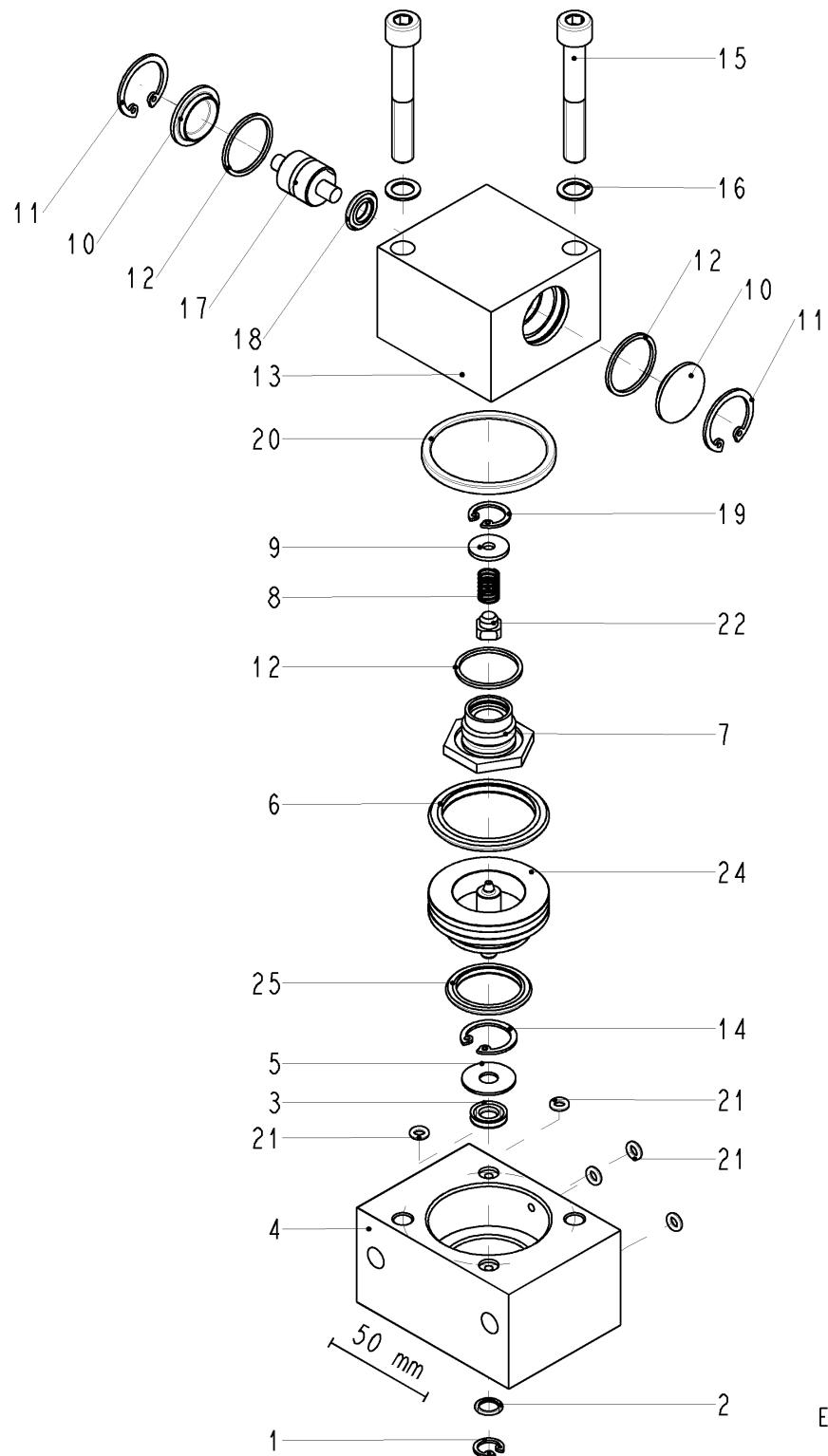
ET-1174581/2.1RE

**T2 – Ordering information:**

Pos. OEM/OPK	Part is contained in Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
2	002 OPK00242 002 OPK01074	II74581/2A1RE 2 2	Pce	BALLCOCK GASKET d17x5.3	B	
3	003 OPK01074	1 1	Pce	BALL d18	C	
7	007 OPK00242 007 OPK01074	1 1	Pce	THRUST RING 16x12x1	B	
8	-	C148561/A 1	Pce	T-HANDLE		
9	009 OPK00242 009 OPK01074	2 2	Pce	O-RING d9x1.5	B	
12	012 OPK00242 012 OPK01074	1 1	Pce	O-RING d16x1.8	A	
13	013 OPK00242 013 OPK01074	1 1	Pce	O-RING d16x2.6	B	
16	016 OPK00242 016 OPK01074	2 2	Pce	RETAINING RING d21x1	A	
17	017 OPK00242 017 OPK01074	2 2	Pce	O-RING d15x3	B	
18	018 OPK00242 018 OPK01074	1 1	Pce	O-RING d24x3	B	
21	021 OPK00242 021 OPK01074	1 1	Pce	SPACING DISC 18x12x1	B	



## T3: MEAN-PRESS. VALVE



ET-120871

**T3 – Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
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		I20871			<b>MEAN-PRESS. VALVE</b>		
1	001	OPK03180	477242	1	1	Pce	RETAINING RING d12x1
2	002	OPK03180		1	1	Pce	STRAINER d11x0.7
3	003	OPK03180		1	1	Pce	KNORR-K-RING d6x2
4		-	A59195	1		Pce	HOUSING LOWER PART
5		-	A63998	1		Pce	WASHER
6	006	OPK03180		1	1	Pce	KNORR-K-RING d45x2.5
7		-	A47617	1		Pce	VALVE SCREW
8	008	OPK03180		1	1	Pce	COMPRESSION SPRING d8x11
9		-	B47797	1		Pce	SPRING RETAINER
10		-	C160467	2		Pce	WASHER
11	011	OPK03180	462587	2	2	Pce	RETAINING RING d24x1.2
12	012	OPK03180		3	3	Pce	O-RING d20x2
13		-	I22809	1		Pce	HOUS.UPPER PART
14	014	OPK03180	463786	1	1	Pce	RETAINING RING d20x1
15		-	451621	2		Pce	MACHINE SCREW M8X55
16	016	OPK03180	455590	2	2	Pce	LOCK WASHER d13x0.8
17		-	A55294	1		Pce	PISTON
18	018	OPK03180		1	1	Pce	KNORR-K-RING d16x2
19	019	OPK03180	465857	1	1	Pce	RETAINING RING

**T3 – Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
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20	020	OPK03180		1	1	Pce	d15x1 O-RING d44x3	B	
21	021	OPK03180	8970708304	5	5	Pce	O-RING d4x1.8	B	
22	022	OPK03180		1	1	Pce	DOUBLE VALVE SEAT 9x9x8	B	
24		-	A55297	1		Pce	DIFFERNTIAL PISTON	C	
25	025	OPK03180		1	1	Pce	KNORR-K-RING d32x2	B	



**KNORR-BREMSE**

Spare parts catalog

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Doc.-No.

E-II111101/1

AUXIL.CONTROL UNIT

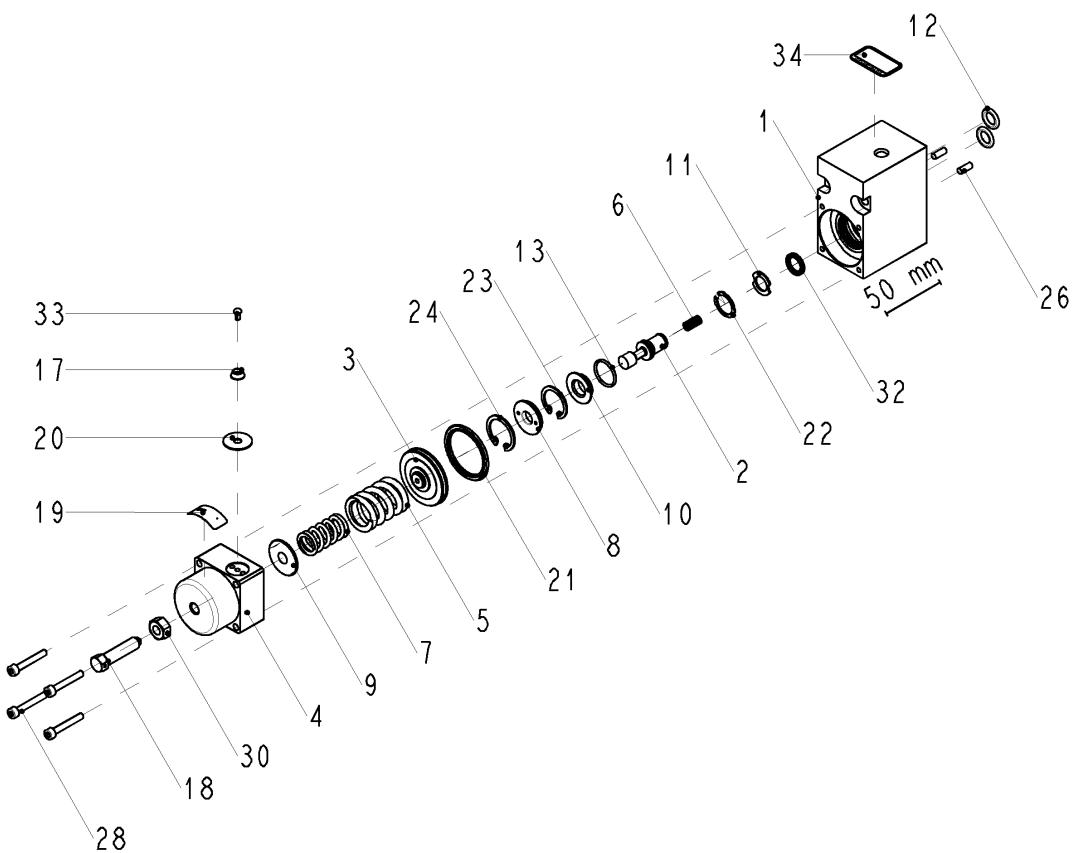
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Revision: 00 - en

## **T4: PRESS.REDUC.VALVE**



ET-1177479/.A

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Page 14 / 16

**T4 – Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
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		II77479/050A			<b>PRESS.REDUC.VALVE</b>		
1	-	STK5309	1	Pce	HOUSING	C	
2	002	OPK02422	1	Pce	VALVE ROD d13x38	B	
3	003	OPK02422	1	Pce	PISTON d40x8.5	B	
4	-	C93151	1	Pce	SPRING HOUSING		
5	005	OPK02422	1	Pce	COMPRESSION SPRING d26x35	B	
6	006	OPK02422	1	Pce	COMPRESSION SPRING d6x21	B	
7	007	OPK02422	1	Pce	COMPRESSION SPRING d17x32	B	
8	-	C109817	1	Pce	GUIDE	C	
9	-	K5094	1	Pce	SPRING RETAINER		
10	-	K5060	1	Pce	VALVE SEAT	C	
11	-	C79806	1	Pce	WASHER		
12	012	OPK02422	2	Pce	O-RING d10x2.6	A	
13	013	OPK02422	1	Pce	O-RING d17x1.5	B	
17	-	K5483	1	Pce	SPACER		
18	-	K5440/A	1	Pce	HEXAGON HEAD SCREW		
19	-	A99906/17	1	Pce	PLATE		
20	020	OPK02422	1	Pce	DIAPHRAGM d19x0.8	B	
21	021	OPK02422	1	Pce	KNORR-K-RING d40x1.9	B	
22	022	OPK02422	1	Pce	V-RING d18x1	A	
23	023	OPK02422	1	Pce	RETAINING RING d24x1	A	
24	024	OPK02422	1	Pce	RETAINING RING d26x1.2	A	
26	-	462384	2	Pce	GROOVED DOWEL PIN 4X10		

**T4 – Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
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28	-	468895	4	Pce	MACHINE SCREW M4X30		
30	-	465687	1	Pce	HEXAGON NUT M8		
32	032	OPK02422	1	Pce	KNORR-K-RING d10x1.5	B	
33	033	OPK02422	1	Pce	GROOVED DRIVE STUD d3x6	A	
34	034	OPK02422	1	Pce	NAME PLATE 33x19		