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E-II90386/110

Rev. 03 (05/2022) - en
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Spare parts catalog

**AUXILIARY PANEL
ZGE-GSA21/A**



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In the case of changes to products, this spare parts catalogue is no longer valid.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

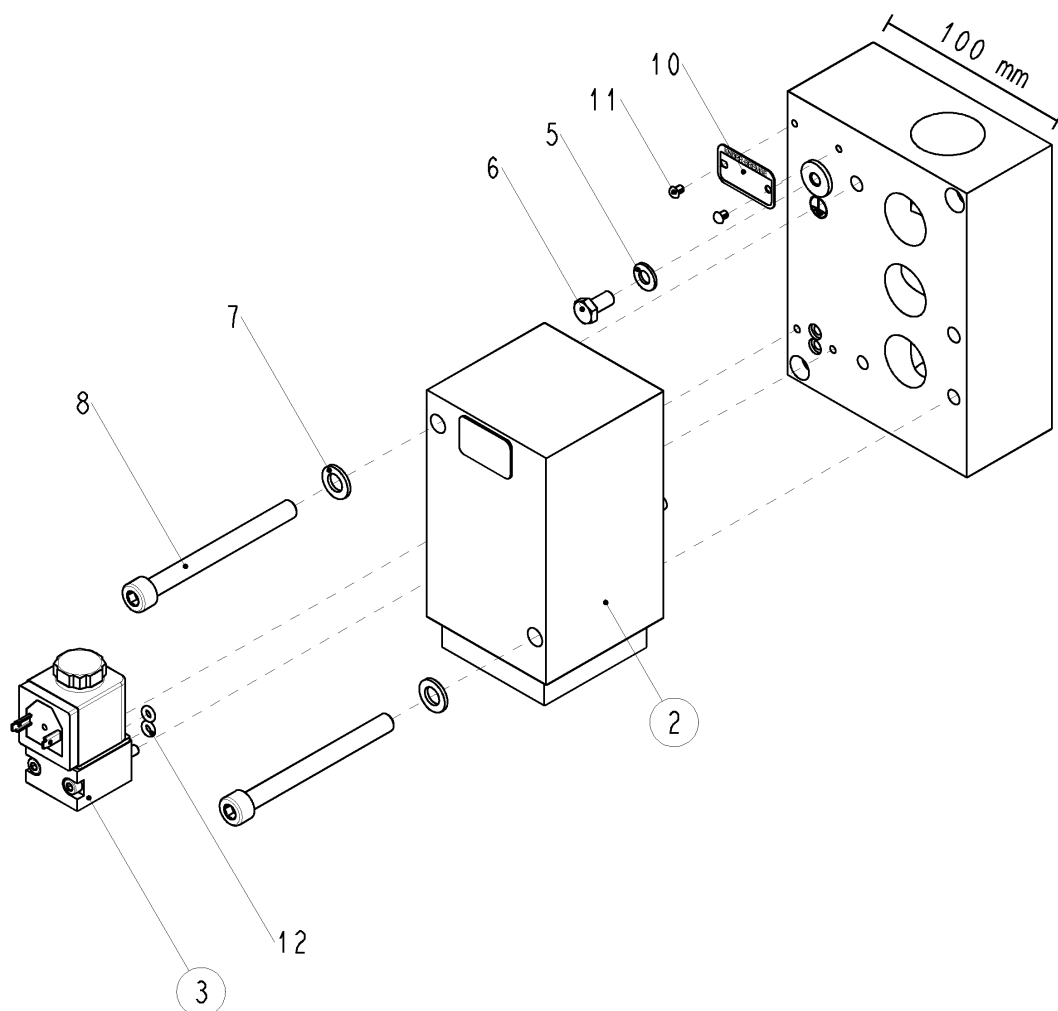
T0	AUXILIARY PANEL	5
T1	PISTON VALVE	7
T2	PRECONTROL VALVE	9

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

KIT-No.	Type	Additional text	Item number	Name
OPK0284055	Overhaul kit		II43342	PISTON VALVE



T0: AUXILIARY PANEL



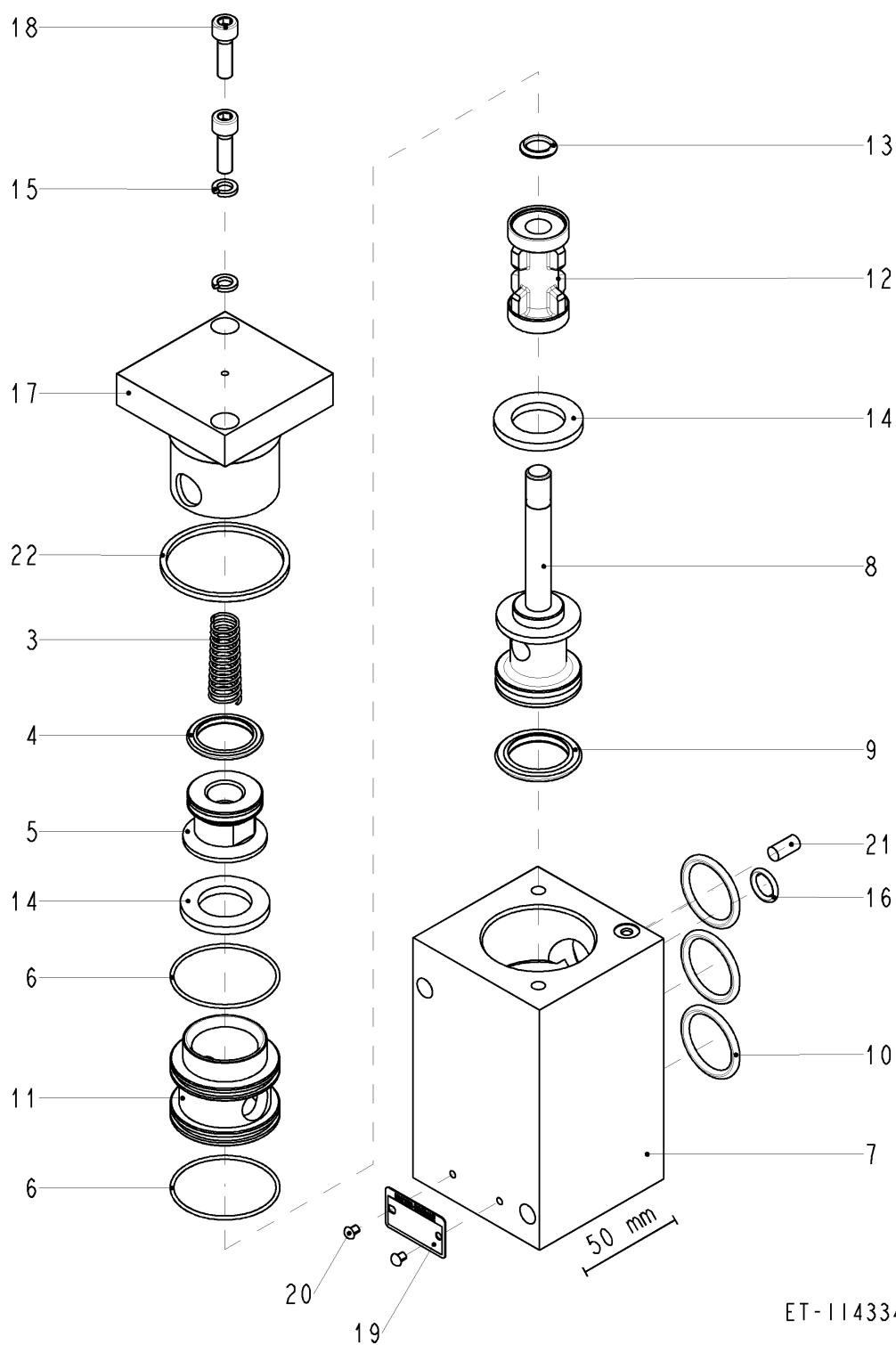
ET-II90386/110

**T0 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II90386/110			AUXILIARY PANEL			
2	II43342	1	Pce	PISTON VALVE WKV200/4-T			7
3	II65694/110	1	Pce	PRECONTROL VALVE N-S1			9
5	470090	1	Pce	SPRING WASHER	S06		
6	465628	1	Pce	HEXAGON HEAD SCREW	M6X12		
7	450862	2	Pce	WASHER	8		
8	463437	2	Pce	MACHINE SCREW	M8X85		
10	B72511	1	Pce	NAME PLATE			
11	453016	2	Pce	GROOVED DRIVE STUD	3X4		
12	8970701464	2	Pce	O-RING	3,4X1,9	B	



T1: PISTON VALVE



ET-1143342

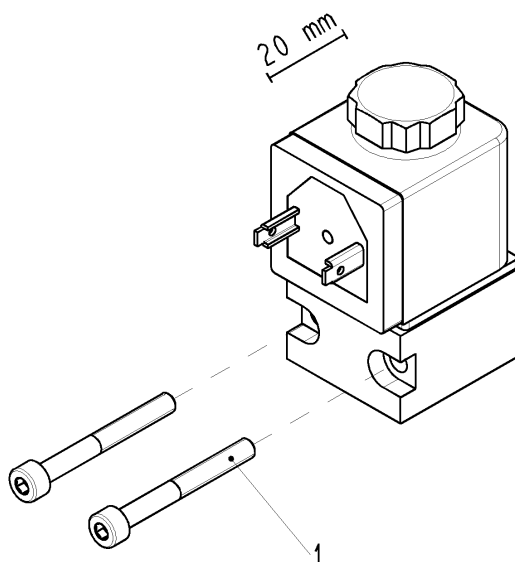


T1 – Ordering information:

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
		II43342			PISTON VALVE		
3	003	OPK0284055	1	1	Pce	COMPRESSION SPRING d13x38	C
4	004	OPK0284055	1	1	Pce	KNORR-K-RING d30x2	B
5	-	C85511	1		Pce	PISTON	
6	006	OPK0284055	2	2	Pce	O-RING d38x2	B
7	-	II44228	1		Pce	HOUSING	
8	-	C85512	1		Pce	PISTON	
9	009	OPK0284055	1	1	Pce	KNORR-K-RING d34x2.5	B
10	010	OPK0284055	3	3	Pce	O-RING d25x3.5	A
11	-	C66359	1		Pce	BUSH	
12	-	C66360	1		Pce	SLEEVE	
13	013	OPK0284055	1	1	Pce	O-RING d10x2.2	B
14	014	OPK0284055	2	2	Pce	VALVE SEAL.RING d35x3.5	B
15	015	OPK0284055	2	2	Pce	LOCKING RING d6x1.6	
16	016	OPK0284055	1	1	Pce	O-RING d11x2.6	A
17	-	C85513	1		Pce	COVER	
18	-	468539	2		Pce	MACHINE SCREW M6X20	
19	-	B72511	1		Pce	NAME PLATE	
20	-	453016	2		Pce	GROOVED DRIVE STUD 3X4	
21	-	465873	1		Pce	GROOVED DOWEL PIN 6X12	
22	022	OPK0284055	1	1	Pce	O-RING d45x3	B



T2: PRECONTROL VALVE



ET-1165694/...

**T2 – Ordering information:**

Pos.	Item number	Quantity	Unit	Name	Measure	WEC	Page
	II65694/110			PRECONTROL VALVE			
1	476027	2	Pce	MACHINE SCREW	M4X35		