

E-1190848/110

Rev. 00 (11/2015) - en

Spare parts catalog

**MAGNET VALVE
WMV-2ZES**

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In the case of changes to products, this spare parts catalogue is no longer valid.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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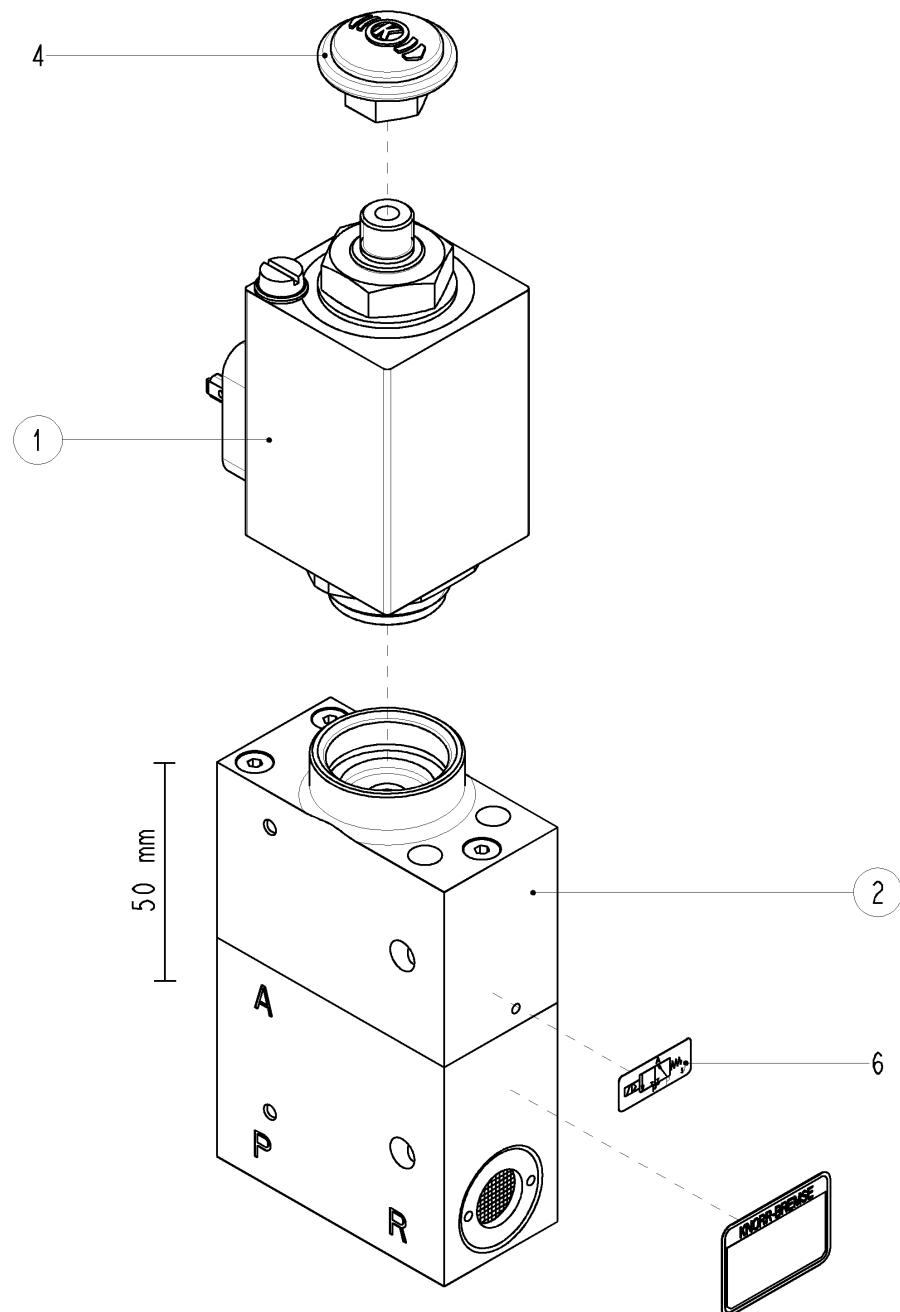
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**Original parts kits (OPK) belonging to the unit**

KIT-No.	Type	Additional text	Item number	Name
OPK02846	Overhaul kit	G1/4 110V	II90848/110	MAGNET VALVE



T0: MAGNET VALVE



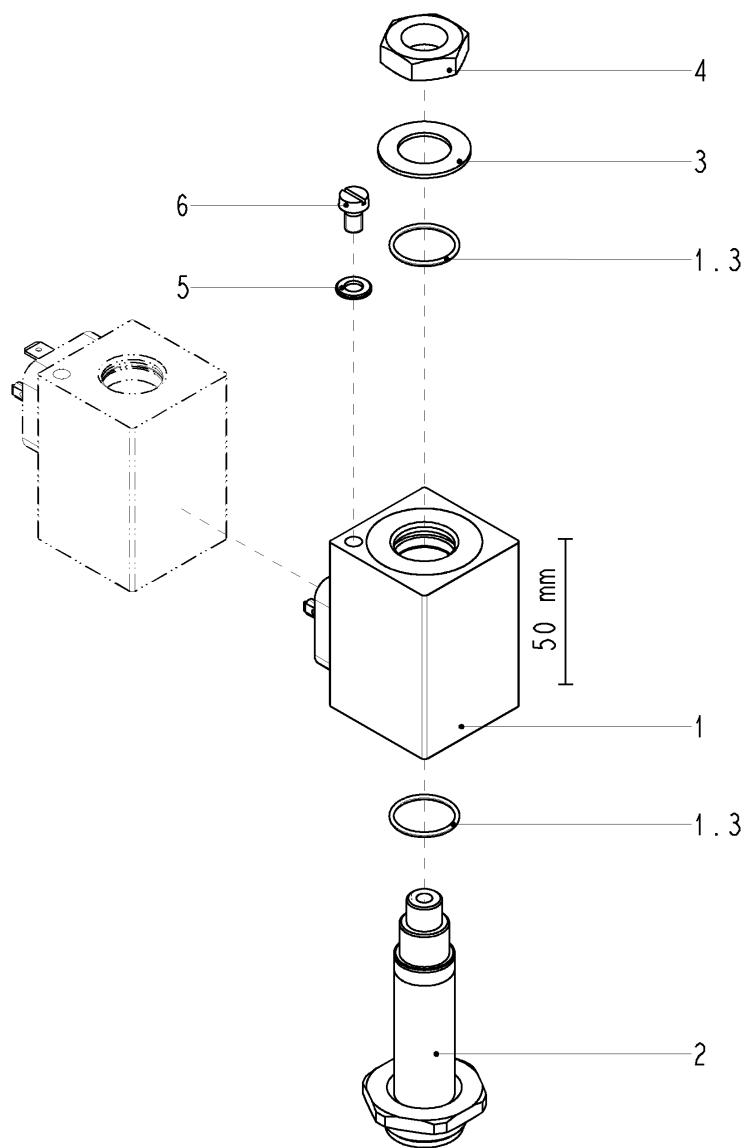
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**T0 – Ordering information:**

Pos. OEM/OPK	Part is contained in OPK	Item number	Quantity	Unit	Name	WEC	Page
		OEM/OPK					
1	-	II90848/110			MAGNET VALVE		
1	-	II15976/110	1	Pce	VALVE MAGNET ZES-01	C	7
2	-	I45423	1	Pce	BASIC MAGNET VALVE		9
4	004	OPK02846	1	1	Pce	EXHAUST FILTER d26x15	B
6	-	B36586	1	Pce	PLATE	A	



T1: VALVE MAGNET



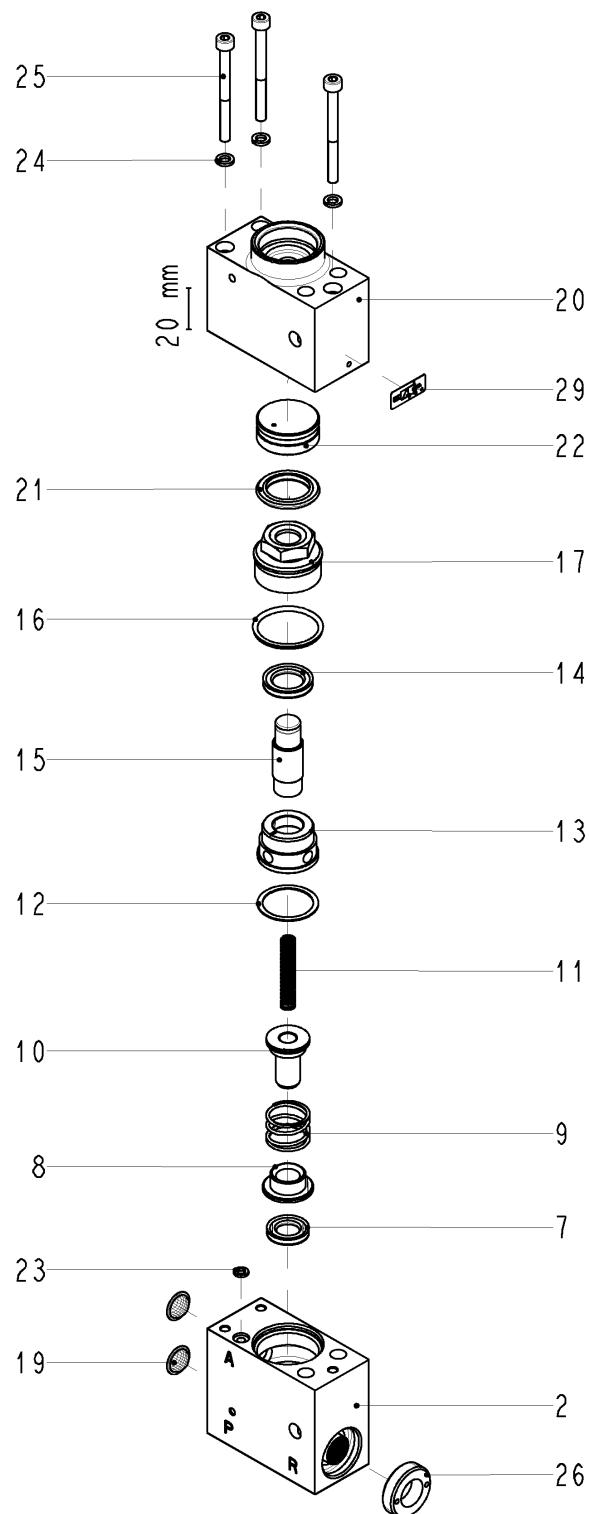
ET-1115976/...

**T1 – Ordering information:**

Pos. OEM/OPK	Part is contained in Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
				VALVE MAGNET		
1	-	II15976/110		MAGNET COIL		
1.3	001.003	OPK02846	2	O-RING d17x1.5	B	
2	001.002	OPK02846	1	ARMATURE ASSEMBLY SW32x88	B	
3	-	B78412	1	SPRING WASHER PART NO.		
4	-	B78411	1	HEXAGON NUT		
5	-	470089	1	SPRING WASHER S05	C	
6	-	478418	1	MACHINE SCREW M5X6		



T2: BASIC MAGNET VALVE



ET-145423



T2 – Ordering information:

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
		I45423			BASIC MAGNET VALVE		
2	-	I37425	1	Pce	HOUSING	C	
7	003.007	OPK02846		1	Pce	KNORR-K-RING d9x2	B
8	-	A48823	1	Pce	GUIDE BUSHING	C	
9	003.009	OPK02846		1	Pce	COMPRESSION SPRING d18x24	C
10	003.010	OPK02846		1	Pce	VALVE HEAD d17x22	B
11	003.011	OPK02846		1	Pce	COMPRESSION SPRING d6x46	C
12	003.012	OPK02846	A70424	1	Pce	FLAT SEALING RING d24x0.5	A
13	-	A70209/1	1	Pce	VALVE BUSHING	C	
14	003.014	OPK02846		1	Pce	KNORR-K-RING d12x2	B
15	-	A48821	1	Pce	VALVE TAPPET	C	
16	003.016	OPK02846		1	Pce	O-RING d23x2	B
17	-	A70210	1	Pce	SCREW FITTING	C	
19	003.019	OPK02846	A54760	2	Pce	WIRE STRAINER d12x4	B
20	-	I37466	1	Pce	HOUSING UPPER PART	C	
21	003.021	OPK02846		1	Pce	KNORR-K-RING d25x2	B
22	003.022	OPK02846		1	Pce	PISTON d25x10	C
23	003.023	OPK02846		1	Pce	O-RING d4x1.5	B
24	003.024	OPK02846	454121	3	Pce	LOCK WASHER d7x1.2	A

**T2 – Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/OPK	Unit	Name	WEC	Page
25	-	469669	3	Pce	MACHINE SCREW M4X45		
26	003.026	OPK02846	A70275	1	1	Pce	SILENCER d22x6.5
29	003.029	OPK02846	B36586	1	1	Pce	PLATE