

**E-II96616/2A1R-1S**

Rev. 2 (06/2023) - en

## Spare parts catalog

**MANUAL VALVE  
MNV1-1-SM**

**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In the case of changes to products, this spare parts catalogue is no longer valid.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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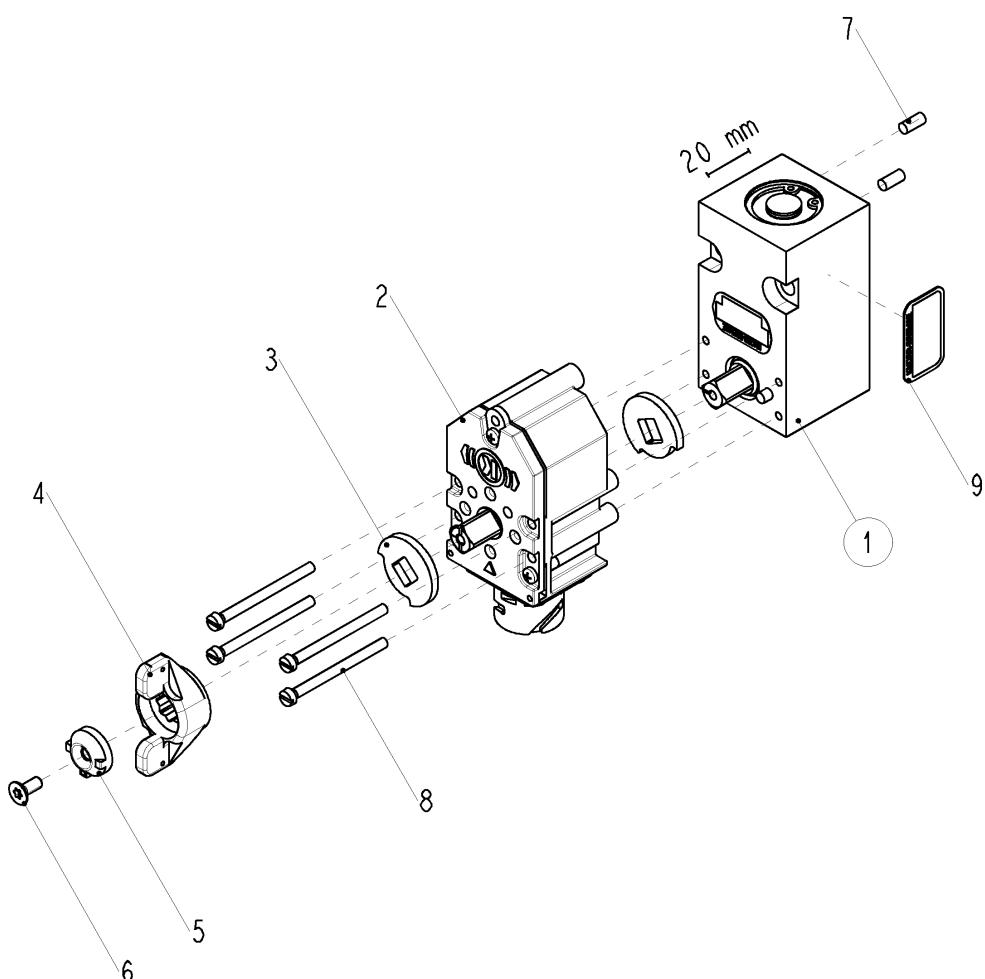
<b>T0</b>	<b>MANUAL VALVE</b>	<b>5</b>
<b>T1</b>	<b>MANUAL VALVE</b>	<b>7</b>

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

KIT-No.	Type	Additional text	Item number	Name
OPK03388	Overhaul kit		II96616/2A1R-1S	MANUAL VALVE



## TO: MANUAL VALVE



ET-I 196616/2A1R-1S

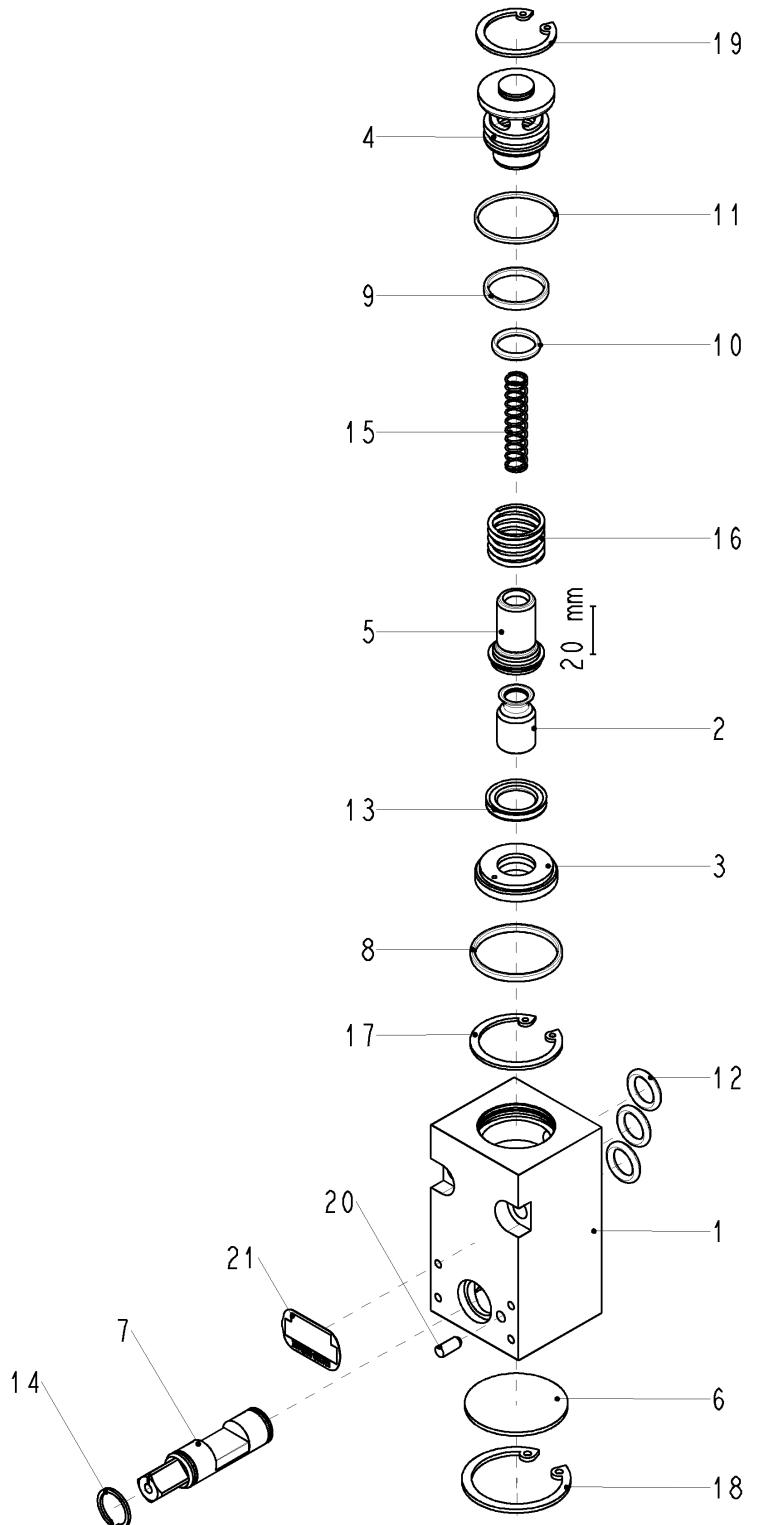


**T0 - Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/ OPK	Unit	Name Measure	WEC	Page
1	-	II96069	1	Pce	MANUAL VALVE MNV1-1		7
2	-	II51803/F	1	Pce	SWITCH MODULE SM-0		
3	-	C187320	2	Pce	STOP DISC		
4	-	C148561/A	1	Pce	T-HANDLE		
5	-	C161817	1	Pce	STEM PLATE		
6	006	OPK03388	1	1	Pce	COUNTERSUNK SCREW M4X10	B
7	007	OPK03388	2	2	Pce	GROOVED DOWEL PIN 4X10	A
8	008	OPK03388	4	4	Pce	MACHINE SCREW M3,5X45	B
9	-	B72511/1	1	Pce	NAME PLATE		



## T1: MANUAL VALVE



ET-1196069



**T1 - Ordering information:**

Pos. OEM/OPK	Part is contained in	Item number	Quantity OEM/ OPK	Unit	Name Measure	WEC	Page
		<b>II96069</b>			<b>MANUAL VALVE</b>		
1	-	C191882	1	Pce	HOUSING		
2	-	C191814	1	Pce	VALVE TAPPET	C	
3	-	C197074	1	Pce	WASHER		
4	-	C175344	1	Pce	COVER	C	
5	001.005	OPK03388		1   1	Pce	VALVE HEAD d19x25	B
6	-	K1609/3	1	Pce	WASHER		
7	-	C186527	1	Pce	CAM SHAFT		
8	001.008	OPK03388		1   1	Pce	O-RING d28x2	B
9	001.009	OPK03388		1   1	Pce	O-RING d18x2	B
10	001.010	OPK03388		1   1	Pce	O-RING d13x2	B
11	001.011	OPK03388		1   1	Pce	O-RING d25x1.5	B
12	001.012	OPK03388	K4140	3   3	Pce	O-RING d10x2.6	B
13	001.013	OPK03388		1   1	Pce	KNORR-K-RING 13.8	B
14	001.014	OPK03388	C101319	1   1	Pce	SNAP RING SW13-ZN6GC d12x1	A
15	001.015	OPK03388		1   1	Pce	COMPRESSION SPRING d8x44	B
16	001.016	OPK03388		1   1	Pce	COMPRESSION SPRING d19x35	B
17	001.017	OPK03388	468487	1   1	Pce	RETAINING RING 30X1,2	A
18	001.018	OPK03388	468488	1   1	Pce	RETAINING RING 35X1,5	A
19	001.019	OPK03388	467100	1   1	Pce	RETAINING RING 26X1,2	A
20	001.020	OPK03388	478731	1   1	Pce	GROOVED PIN 4X10	A
21	-	A73130	1	Pce	NAME PLATE		