

Bosch Rexroth AG Service Hydraulics Glockeraustrasse 4 89275 Elchingen

Material number: R902128404 Drawing: R902010264

Germany +49 (0)7308/82-2126

Designation: AXIAL-PISTON PUMP

AA4VG250EP3DMT1/32R-NSD60F001DH-S

Status of version: 03/2020 Date: 04.03.2020

Page: 1

Pos.	Material number	Designation	Quantity	
1	R902103740	ROTARY GROUP	1 UNIT	L
2	R902074178	CONTROL	1 UNIT	L
3	R902029546	CONNECTION PLATE	1 UNIT	L
4	R902029548	INTERNAL GEAR PUMP	1 UNIT	L
5	R902115080	CONTROL MODULE	1 UNIT	L
10	R902010605	HOUSING	1 UNIT	
13	R902132714	PIVOT PIN	4 UNIT	
14	R902007362	POITIONING PIN	1 UNIT	
20	R909153418	SCREW PLUG	1 UNIT	D
21	R909153338	SCREW PLUG	1 UNIT	D
22	R909153371	SCREW PLUG	3 UNIT	D
24	R909083229	SCREW PLUG	1 UNIT	
25	R909085545	O-RING	1 UNIT	

L = Assembly group D = Sealing element

Security notice:

Assembly, commissioning and operation, disassembly, service (including maintenance and repair) require basic mechanical/electrical/hydraulic/pneumatic knowledge, as well as knowledge of the appropriate technical terms. In order to ensure operating safety, these activities may therefore only be carried out by qualified technical personnel or an instructed person under the direction and supervision of qualified personnel. Qualified personnel are those who can recognize possible hazards and institute the appropriate safety measures due to their professional training, knowledge, and experience, as well as their understanding of the relevant conditions pertaining to the work to be done. Qualified personnel must observe the rules relevant to the subject area. Also observe the generally applicable, legal or otherwise binding regulations of the European or national legislation and the rules for the prevention of accidents and for environmental protection applicable in your country. The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The given information does not release the user from the obligation of own judgement and verification. It must be remembered that our products are subject to a natural process of wear and aging.



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Pos.	Material number	Designation	Quantity	
26	R909831349	PLUG	1 UNIT	
28	R909426708	NOZZLE	2 UNIT	
31	R913016375	SLOTTED SPRING PIN	2 UNIT	
32	R909153371	SCREW PLUG	4 UNIT	D
35	R909153364	SCREW PLUG	2 UNIT	D
37	R902600285	SETSCREW	1 UNIT	
46	R909157393	SETSCREW	1 UNIT	
47	R909152975	SEALING NUT	1 UNIT	D
49	R909426708	NOZZLE	1 UNIT	
63	R909151692	SCREW PLUG	4 UNIT	
98	R902095544	SEAL KIT	1 UNIT	

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Germany

Material number:

R902128404 R902010264

Designation:

Drawing:

AXIAL-PISTON PUMP

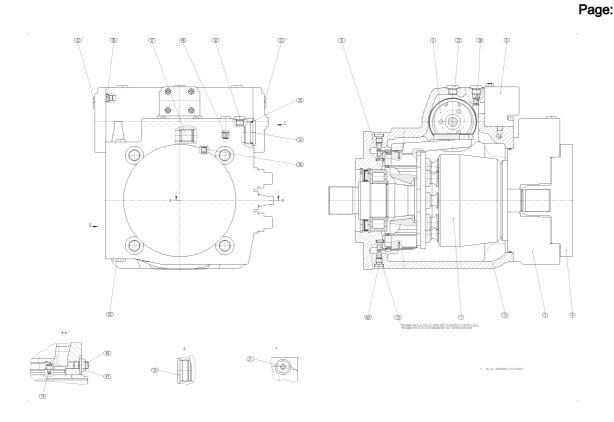
AA4VG250EP3DMT1/32R-NSD60F001DH-S

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Material number: R902103740 Drawing: R902061020

Designation: ROTARY GROUP

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Pos.	Material number	Designation	Quantity	
1	R902449210	ROTARY GROUP	1 UNIT	L
2	R902438307	CONTROL PLATE	1 UNIT	
12	R902005053	CRADLE	1 UNIT	
13	R902005054	SLIDER	1 UNIT	
14	R902009187	DRIVE SHAFT	1 UNIT	
16	R902005055	WASHER	1 UNIT	D
17	R909403549	WIRE	4 UNIT	
26	R902066596	BEARING SHELL PAIR	1 UNIT	
31	R909831574	CYL. ROLLER BEARING	1 UNIT	
32	R913027013	CAGE PAIR	1 UNIT	
36	R909084419	RETAINING RING	1 UNIT	
37	R909083419	RETAINING RING	2 UNIT	
38	R902601823	ROTARY SHAFT LIP SEAL	1 UNIT	D

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Service Hydraulics Glockeraustrasse 4

Bosch Rexroth AG

Material number: R902103740 Drawing: R902061020 89275 Elchingen Germany

Page:

Designation: ROTARY GROUP

+49 (0)7308/82-2126

Status of version: 03/2020

Date: 04.03.2020

Pos. Material number Designation Quantity
98 R902002393 SEAL KIT 1 UNIT

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Drawing: R902061020

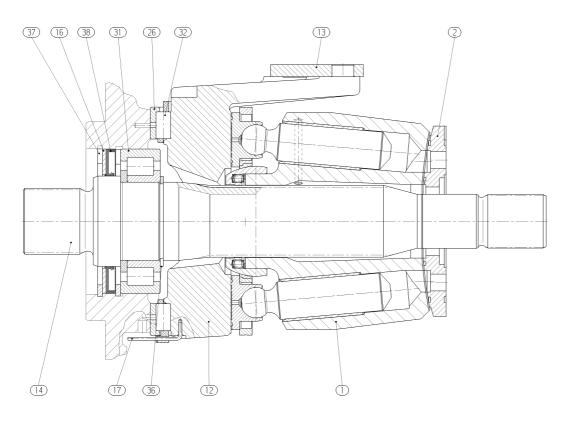
Designation: ROTARY GROUP

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Drawing:

Material number: R902449210

Designation: ROTARY GROUP

R902449215

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Pos.	Material number	Designation	Quantity
1	R902436846	PISTON PAD	9 UNIT
3	R902439439	CYLINDER	1 UNIT
5	R902439646	RETAINING PLATE	1 UNIT
6	R902439436	RETAINING BALL	1 UNIT
9	R902400656	SHIM RING	2 UNIT
10	R902400657	SHIM RING	2 UNIT
14	R902400658	COMPRESSION SPRING	20 UNIT

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Material number: R902449210
Drawing: R902449215

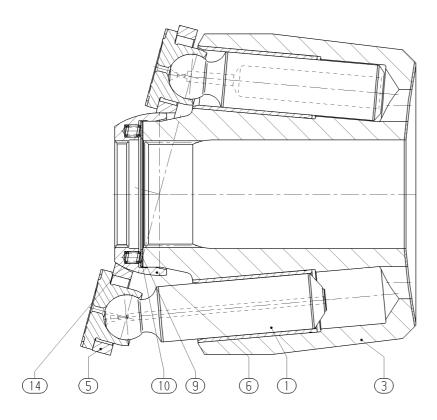
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Spare parts list

Material number:

Drawing:

R902074178

R90207361

Service Hydraulics
Glockeraustrasse 4
89275 Elchingen
Germany

Designation: CONTROL

Status of version: 03/2020 Date: 04.03.2020

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Pos.	Material number	Designation	Quantity	
1	R902025583	POSITIONING PISTON	1 UNIT	L
3	R902226696	COVER	1 UNIT	
4	R902226697	COVER	1 UNIT	
16	R902600203	HEXAGON NUT	1 UNIT	
17	R909083060	SOCKET HEAD CAP SCREW	8 UNIT	
20	R909086948	O-RING	2 UNIT	D
21	R902226695	SETSCREW	2 UNIT	
22	R909152975	SEALING NUT	2 UNIT	
30	R902600841	ROD GUIDANCE RING	2 UNIT	
31	R902600198	ROD SEAL	2 UNIT	
98	R902002376	SEAL KIT	1 UNIT	

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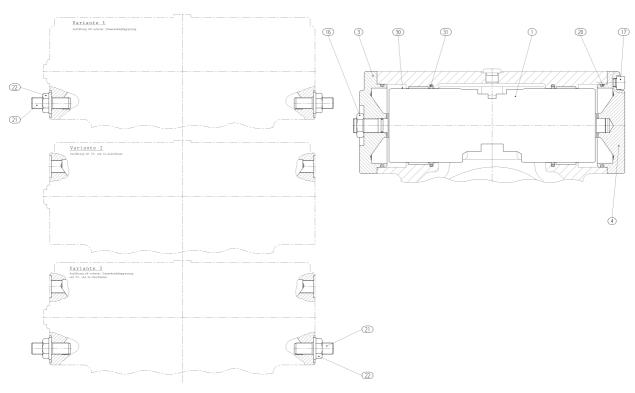
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Drawing: R902007361
Designation: CONTROL

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Material number: R902025583 Drawing: R902025582

Designation: POSITIONING PISTON

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Pos.	Material number	Designation	Quantity
1	R902004946	POSITIONING PISTON	1 UNIT
2	R902004753	ROD	1 UNIT
5	R902025576	RING	2 UNIT
5	R902025577	RING	2 UNIT
5	R902025578	RING	2 UNIT
5	R902025579	RING	2 UNIT
5	R902025580	RING	2 UNIT
5	R902025581	RING	2 UNIT
5	R902025847	RING	2 UNIT
5	R902039649	RING	2 UNIT
6	R902600772	LOCATING RING	2 UNIT
7	R902005340	SPRING DISK	2 UNIT
8	R902007203	SPACER BUSHING	2 UNIT

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Pos.	Material number	Designation	Quantity	
8	R902007204	SPACER BUSHING	2 UNIT	
8	R902007205	SPACER BUSHING	2 UNIT	
8	R902007206	SPACER BUSHING	2 UNIT	
8	R902007207	SPACER BUSHING	2 UNIT	
8	R902007208	SPACER BUSHING	2 UNIT	
10	R902006271	COMPRESSION SPRING	2 UNIT	
11	R902006270	COMPRESSION SPRING	2 UNIT	
15	R909083415	RETAINING RING	2 UNIT	
19	R909086523	O-RING	1 UNIT	D
23	R902007094	SPRING DISK	2 UNIT	

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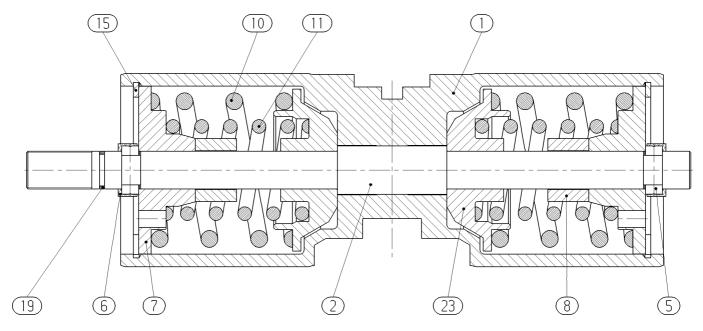
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Material number: R902029546 Drawing: RA61818958

Designation: CONNECTION PLATE

Bosch Rexroth AG Service Hydraulics Glockeraustrasse 4 89275 Elchingen

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Pos.	Material number	Designation	Quantity	
1	R902603817	DELIVERY-VALVE ASSEMBLY	2 UNIT	L
2	R902228944	PRESSURE RELIEF VALVE	1 UNIT	L
3	R902005468	PRESSURE CUT-OFF VALVE	1 UNIT	L
5	R902062293	CONNECTION PLATE	1 UNIT	
6	R902260556	BUSHING	1 UNIT	
7	R902600132	SOCKET HEAD CAP SCREW	4 UNIT	
9	R909083834	O-RING	1 UNIT	D
11	R909831320	DOUBLE BREAK-OFF PLUG	4 UNIT	
26	R909086333	O-RING	2 UNIT	D
35	R909153371	SCREW PLUG	3 UNIT	D
43	R902005795	BUSHING	1 UNIT	
44	R902260557	BUSHING	1 UNIT	
48	R909831319	DOUBLE BREAK-OFF PLUG	1 UNIT	

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Material number:

R902029546 RA61818958

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Designation:

Drawing:

CONNECTION PLATE

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Pos.	Material number	Designation	Quantity	
53	R909831318	DOUBLE BREAK-OFF PLUG	1 UNIT	
54	R909831349	PLUG	1 UNIT	
56	R909151979	SCREW PLUG	1 UNIT	D
98	R902002403	SEAL KIT	1 UNIT	

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Drawing: RA61818958

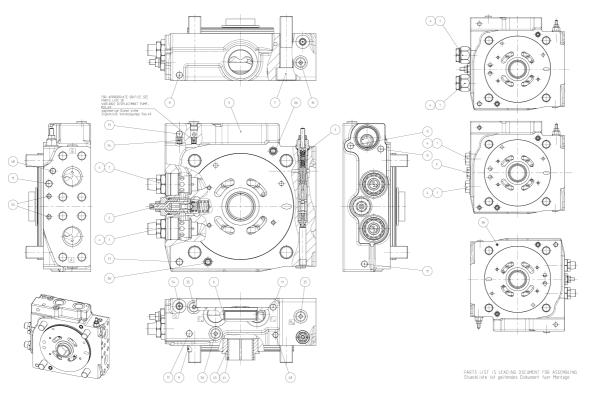
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Material number:

Status of version:

R902603817

Drawing:

Designation: DELIVERY-VALVE ASSEMBLY

03/2020

Date: 04.03.2020

Pos. Material number Designation Quantity

 1
 R901162844
 PRESSURE RELIEF VALVE
 1 UNIT

 98
 R961000764
 SEAL KIT
 1 UNIT
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Security notice:

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Bosch Rexroth AG
Service Hydraulics

Bgm.-Dr.-Nebel-Str. 8

97816 Lohr Germany

Material number: R961000764
Drawing: R961003655

Designation: SEAL KIT

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Pos. Material number Designation Quantity

O-RING 5 UNIT

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Bosch Rexroth AG

Service Hydraulics
Bam.-Dr.-Nebel-Str. 8

97816 Lohr

Germany

Spare parts list

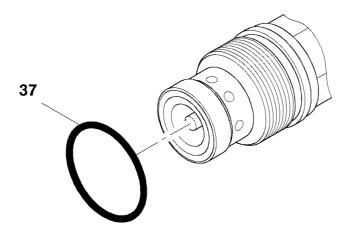
Material number: R961000764
Drawing: R961003655

Designation: SEAL KIT

Status of version: 03/2020 Date: 04.03.2020

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Zeichnungs-Nr.: R961003655-A Typenschlüssel: MH-R/HN



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Material number: R902228944
Drawing: R902228958

Designation: PRESSURE RELIEF VALVE

Bosch Rexroth AG Service Hydraulics Glockeraustrasse 4 89275 Elchingen Germany

+49 (0)7308/82-2126

Status of version: 03/2020 Date: 04.03.2020

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Pos.	Material number	Designation	Quantity
1	R902215626	SCREW PLUG	1 UNIT
2	R902215627	ADJUSTING SCREW	1 UNIT
3	R909436363	VALVE SPOOL	1 UNIT
4	R902010344	SPRING DISK	1 UNIT
5	R909436365	COMPRESSION SPRING	1 UNIT
8	R909083763	O-RING	1 UNIT D
9	R909153271	SEALING NUT	1 UNIT D

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Material number: R902228944
Drawing: R902228958

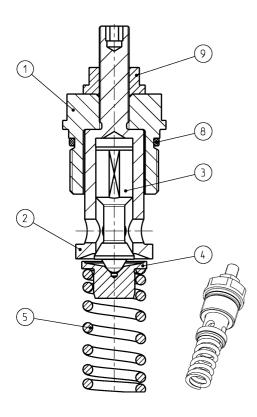
Designation: PRESSURE RELIEF VALVE

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Material number: R902005468
Drawing: R902005469

Designation: PRESSURE CUT-OFF VALVE

Bosch Rexroth AG Service Hydraulics Glockeraustrasse 4 89275 Elchingen

Germany

+49 (0)7308/82-2126

Status of version: 03/2020 Date: 04.03.2020

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Pos.	Material number	Designation	Quantity	
1	R902005470	SCREW PLUG	1 UNIT	
2	R909426552	VALVE BUSHING	1 UNIT	
3	R909432301	CONTROL PISTON	1 UNIT	
4	R909432163	PISTON	1 UNIT	
5	R909432164	VALVE SPOOL	1 UNIT	
6	R909432775	VALVE SEAT	1 UNIT	
7	R902168277	COMPRESSION SPRING	1 UNIT	
8	R902049851	SPRING DISK	2 UNIT	
9	R902007148	ADJUSTING SCREW	1 UNIT	
10	R909083757	O-RING	1 UNIT	D
14	R909152707	SEALING NUT	1 UNIT	D
15	R909086380	O-RING	1 UNIT	

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Drawing: R902005469

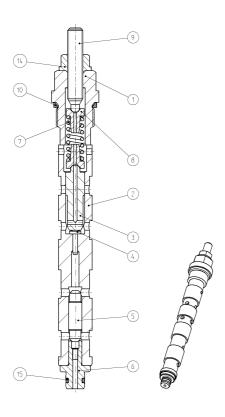
Designation: PRESSURE CUT-OFF VALVE

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Material number: R902029548
Drawing: R902013149

Designation: INTERNAL GEAR PUMP

Bosch Rexroth AG Service Hydraulics Glockeraustrasse 4 89275 Elchingen

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Pos.	Material number	Designation	Quantity	
1	R902062446	HOUSING	1 UNIT	
2	R902004761	WEAR PLATE	1 UNIT	
3	R902260556	BUSHING	1 UNIT	
5	R902249003	PLUG-IN SHAFT	1 UNIT	
6	R902249005	COVER	1 UNIT	
7	R902029541	WHEEL SET	1 UNIT	
8	R902252299	PARALLEL KEY	1 UNIT	
10	R909083087	SOCKET HEAD CAP SCREW	6 UNIT	
11	R909083001	SOCKET HEAD CAP SCREW	2 UNIT	
12	R909083833	O-RING	1 UNIT	D
13	R909087850	O-RING	1 UNIT	D
98	R902002415	SEAL KIT	1 UNIT	

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Drawing: R902013149

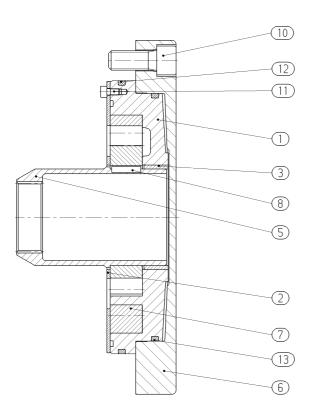
Designation: INTERNAL GEAR PUMP

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Spare parts list

Material number:

R902115080

Service Hydraulics
Glockeraustrasse 4
89275 Elchingen
Germany

Drawing: R902115081

Designation: CONTROL MODULE

Status of version: 03/2020 Date: 04.03.2020

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Pos.	Material number	Designation	Quantity	
1	R902115181	BASIC UNIT	1 UNIT	L
2	R902603439	PROPORTIONAL SOLENOID	2 UNIT	
3	R913022795	PLUG-IN CONNECTOR	1 UNIT	
4	R913022796	PLUG-IN CONNECTOR	1 UNIT	
98	R902002418	SEAL KIT	1 UNIT	

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Material number: R902115080 Drawing: R902115081

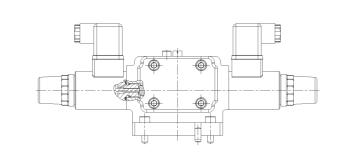
Designation: CONTROL MODULE

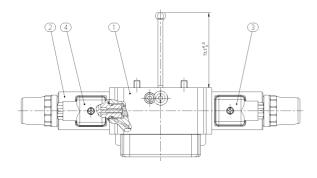
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Material number:

R902115181

Drawing: R902115182

Designation: BASIC UNIT

+49 (0)7308/82-2126

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Service Hydraulics Glockeraustrasse 4

89275 Elchingen Germany

Status of version: 03/2020 Date: 04.03.2020

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Pos.	Material number	Designation	Quantity	
1	R902115385	HOUSING	1 UNIT	
3	R902106775	CONTROL PISTON	1 UNIT	
4	R902206238	LEVER PAIR	1 UNIT	
6	R902067212	ECCENTRIC PIN	1 UNIT	
7	R902107488	RING	1 UNIT	
8	R902044854	WASHER	1 UNIT	
9	R902113681	FEEDBACK LEVER	1 UNIT	
10	R909651478	SEAL	1 UNIT	D
11	R909443201	COVER	1 UNIT	
12	R902063327	EXTENSION SPRING	1 UNIT	
18	R902603311	FILTER DISC	1 UNIT	
20	R902067213	WASHER	1 UNIT	
20	R902067214	WASHER	1 UNIT	

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Material number:

Status of version:

Drawing:

R902115181

R902115182

03/2020

D = Sealing element

Designation: BASIC UNIT

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+49 (0)7308/82-2126

Date:

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04.03.2020

Pos.	Material number	Designation	Quantity
20	R902067215	WASHER	1 UNIT
20	R902067216	WASHER	1 UNIT
20	R902067217	WASHER	1 UNIT
20	R902067218	WASHER	1 UNIT
20	R902067219	WASHER	1 UNIT
20	R902067220	WASHER	1 UNIT
20	R902070232	WASHER	1 UNIT
21	R909083021	SOCKET HEAD CAP SCREW	2 UNIT
22	R909085831	SOCKET HEAD CAP SCREW	4 UNIT
23	R902601243	SOCKET HEAD CAP SCREW	1 UNIT
24	R902602838	SEALING PLUG	2 UNIT
25	R902603136	SEALING PLUG	1 UNIT
26	R913009677	STRAIGHT PIN	1 UNIT

Security notice:

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D

Bosch Rexroth AG

Page:

2 UNIT

Spare parts list

Material number:

R902115181 Service Hydraulics
Glockeraustrasse 4
89275 Elchingen
Germany

Drawing: R902115182 +49 (0)7308/82-2126

Designation: BASIC UNIT

Status of version: 03/2020 **Date: 04.03.2020**

Material number	Designation	Quantity	
R909086380	O-RING	1 UNIT	D
R902600641	O-RING	1 UNIT	D
R909086523	O-RING	2 UNIT	D
R909153668	O-RING	1 UNIT	D
	R909086380 R902600641 R909086523	R909086380 O-RING R902600641 O-RING R909086523 O-RING	R909086380 O-RING 1 UNIT R902600641 O-RING 1 UNIT R909086523 O-RING 2 UNIT

L = Assembly group D = Sealing element

Security notice:

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R909086333

O-RING

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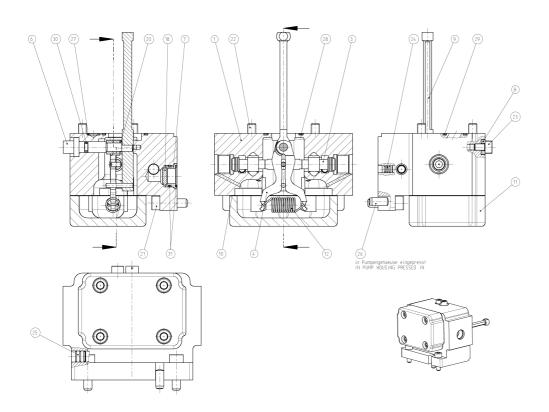
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Drawing: R902115182
Designation: BASIC UNIT

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