

PARTS MANUAL
PMG80NCCCENG.A03

HYDRAULIC HAMMER
RAMMER G 80 N CITY
RAMMER G 80 N CITY HD
RAMMER G 80 N CITY-JET
RAMMER G 80 N CITY PRO

Serial No.

80BDB4373-UP

80BDB5373-UP

80BHB4373-UP

80BHB5373-UP

80BEB5005-UP

80BPB6373-UP

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GENUINE RAMMER SPARE PARTS

Rammer genuine spare parts are designed and manufactured by using the latest technological knowledge and engineering skills. Rammer spare parts are made of the best available materials with the most advanced manufacturing techniques.

It is important that you use only genuine Rammer spare parts, to ensure easy operation, maintenance and repair of the product. Please note that eventual warranty claims will be handled only if you have used genuine Rammer parts in your Rammer.

LOCATION OF THE SERIAL NUMBER

It's important to make correct reference to the serial number of the product when ordering spare parts. Identification of serial number is the only proper means of maintaining and identifying parts for a specific product. The location of equipment serial number is pointed in "Operation and maintenance" manual.

SPARE PART ORDERS

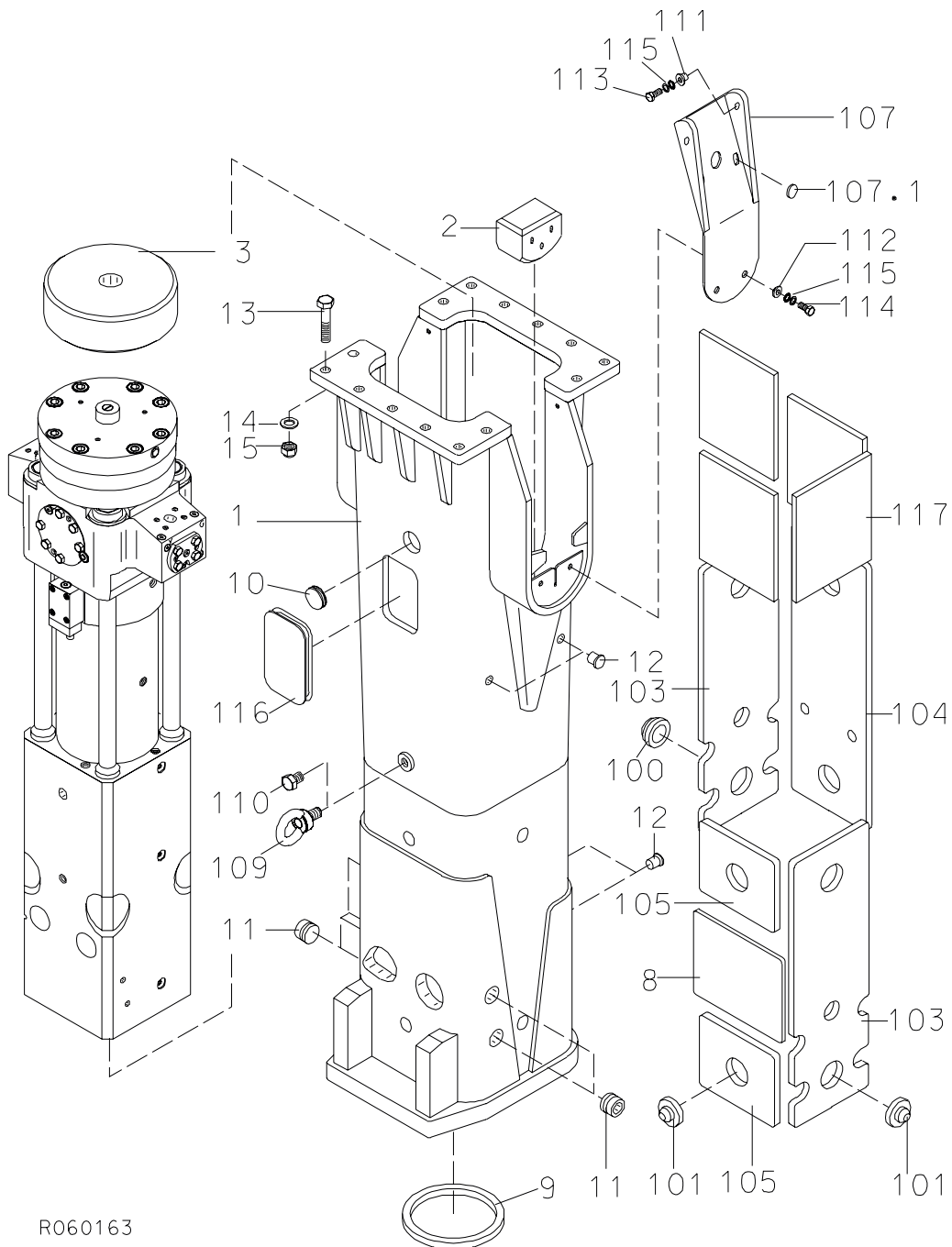
Quick spare part deliveries are secured by exact orders.

Required information:

- Name of customer and contact person
 - Order number (when available)
 - Delivery address
 - Mode of delivery (air mail etc.)
 - Required delivery date
 - Invoicing address
 - Model and serial number of the product
 - Name, number and required amount of spare parts
-

PARTS

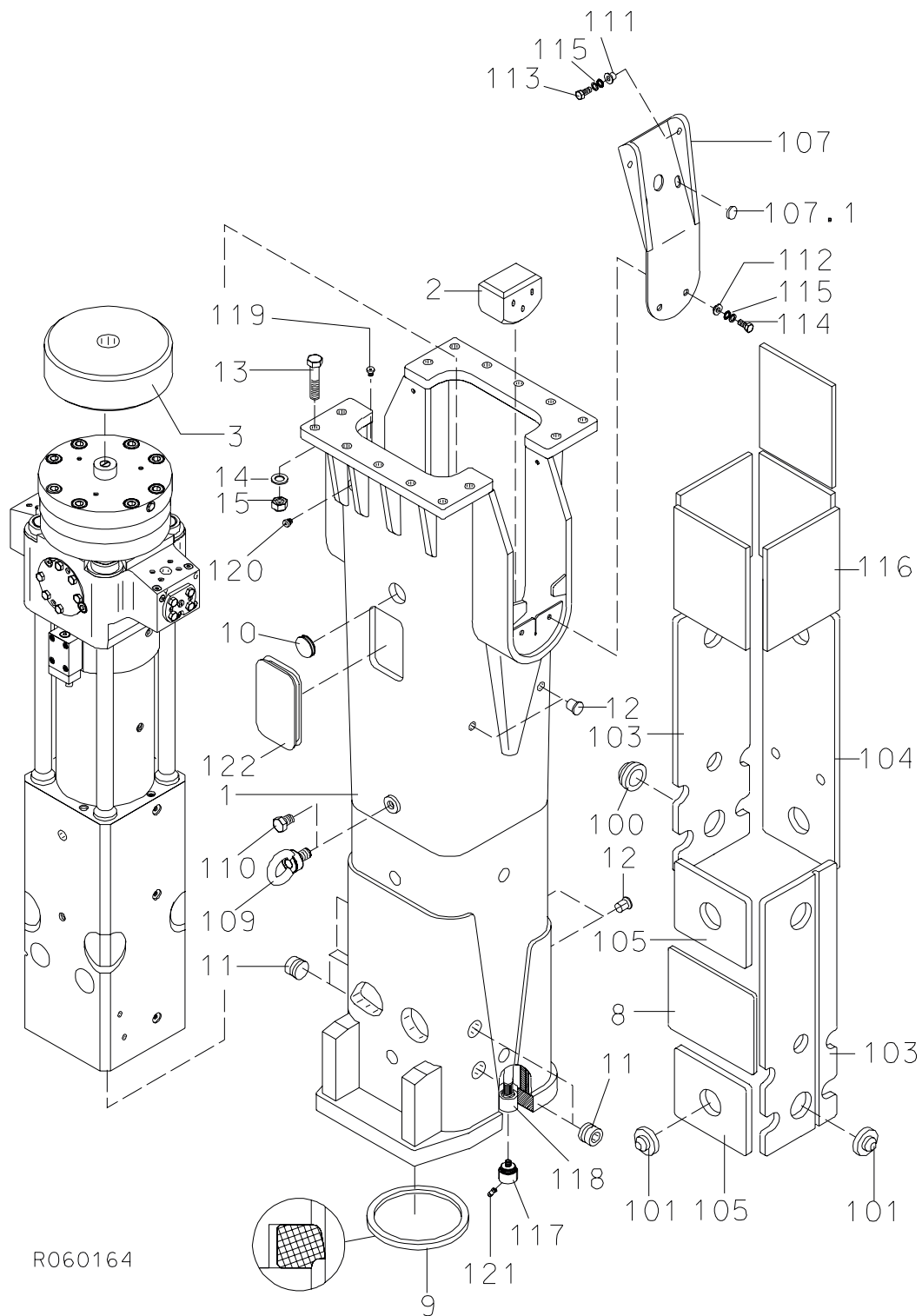
1. HOUSING UNIT G 80 N CITY



Item	Description	Part no.	Specification	Note	Qty
1	Housing (incl. parts 100-117)	104034			1
2	Pad	300978			2
3	Buffer	300979			1
8	Shield plate	102686			1
9	Seal	102329			1
10	Rubber plug	101723	D60		2
11	Rubber plug	400676	D50		6
12	Rubber plug	400566	D25		6
13	Hex. screw	90589	M24x110-12.9 DIN 931		14
14	Washer	90511	25 DIN 6916		14
15	Lock nut	90507	M24-12 DIN 985		14
100	Pin	102387			1
101	Pin	102389			7
103	Wear plate	104079			2
104	Wear plate	104080			1
105	Wear plate	104081			2
107	Shield plate (incl. part 107.1)	103623			2
107.1	Plug	103875			2
109	Lifting eye	90705	M30 DIN 580		1
110	Hex. screw	900026	M30x40-8.8 DIN 933		1
111	Middle bushing	102944			4
112	Middle bushing	102939			4
113	Hex. screw	91050	M12x40-8.8 DIN 933		4
114	Hex. screw	90513	M12x30-8.8 DIN 933		4
115	Lock washer	91012	M12 NORD-LOCK		8
116	Plug	104100			2
117	Damper	104138			5
Kit	Label set	105002			1

Item	Description	Part no.	Specification	Note	Qty
1	Housing (incl. parts 100-117)	152835			1
2	Pad	300978			2
3	Buffer	300979			1
8	Shield plate	102686			1
9	Seal	102329			1
10	Rubber plug	101723	D60		2
11	Rubber plug	400676	D50		6
12	Rubber plug	400566	D25		6
13	Hex. screw	90589	M24x110-12.9 DIN 931		14
14	Washer	90511	25 DIN 6916		14
15	Lock nut	90507	M24-12 DIN 985		14
100	Pin	102387			1
101	Pin	102389			7
103	Wear plate	104079			2
104	Wear plate	104080			1
105	Wear plate	104081			2
107	Shield plate (incl. part 107.1)	103623			2
107.1	Plug	103875			2
109	Lifting eye	90705	M30 DIN 580		1
110	Hex. screw	900026	M30x40-8.8 DIN 933		1
111	Middle bushing	102944			4
112	Middle bushing	102939			4
113	Hex. screw	91050	M12x40-8.8 DIN 933		4
114	Hex. screw	90513	M12x30-8.8 DIN 933		4
115	Lock washer	91012	M12 NORD-LOCK		8
116	Plug	104100			2
117	Damper	104138			5
Kit	Label set	105002			1

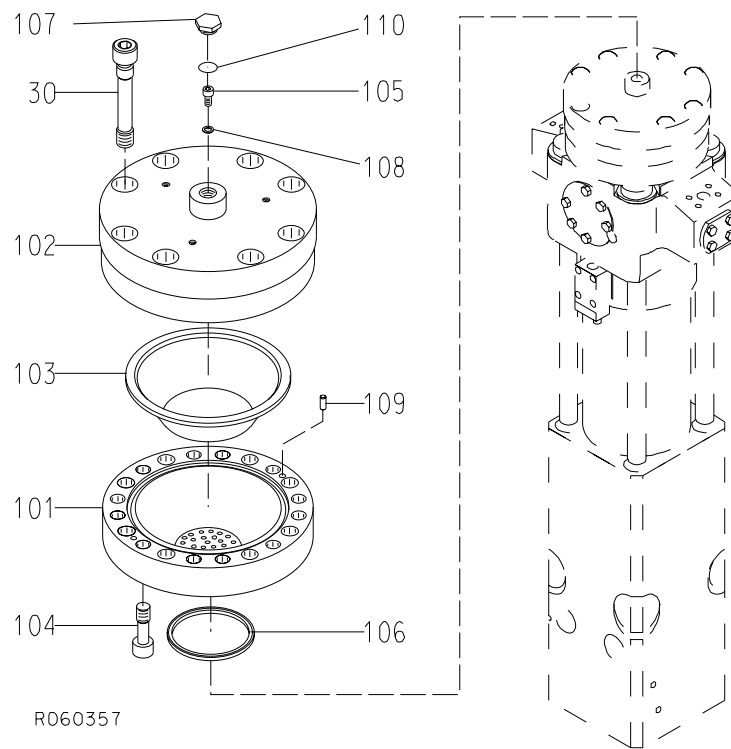
3. HOUSING UNIT G 80 N CITY-JET, CITY PRO



HOUSING UNIT G 80 N CITY-JET, CITY PRO

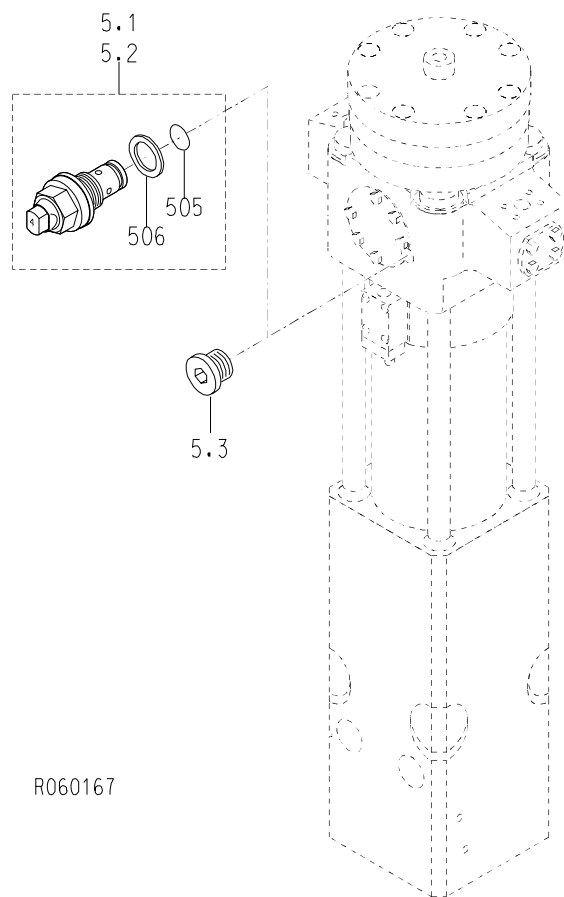
Item	Description	Part no.	Specification	Note	Qty
1	Housing (incl. parts 100-122)	104136			1
2	Pad	300978			2
3	Buffer	300979			1
8	Shield plate	102686			1
9	Seal	102329			1
10	Rubber plug	101723	D60		2
11	Rubber plug	400676	D50		6
12	Rubber plug	400566	D25		6
13	Hex. screw	90589	M24x110-12.9 DIN 931		14
14	Washer	90511	25 DIN 6916		14
15	Lock nut	90507	M24-12 DIN 985		14
100	Pin	102387			1
101	Pin	102389			7
103	Wear plate	104079			2
104	Wear plate	104080			1
105	Wear plate	104081			2
107	Shield plate (incl. part 107.1)	103623			2
107.1	Plug	103875			2
109	Lifting eye	90705	M30 DIN 580		1
110	Hex. screw	900026	M30x40-8.8 DIN 933		1
111	Middle bushing	102944			4
112	Middle bushing	102939			4
113	Hex. screw	91050	M12x40-8.8 DIN 933		4
114	Hex. screw	90513	M12x30-8.8 DIN 933		4
115	Lock washer	91012	M12 NORD-LOCK		8
116	Damper	104138			5
117	Guide	103047			2
118	Hose assembly	104139			1
119	Flange plug	90403	R1/4		1
120	Flange plug	90424	R1/2		1
121	Nozzle	102783	SSCO B1/8-GG-SS5		2
122	Plug	104100			2
Kit	Label set	105003	For G 80 N CITY PRO		1
Kit	Label set	154961	For G 80 N CITY JET		1

4. ACCUMULATOR G 80 N



Item	Description	Part no.	Specification	Note	Qty
1	Accumulator (incl. parts 101-110)	101393			1
101	Accumulator bottom	101386			1
102	Accumulator cover	101376			1
103	Membrane	102942			1
104	Accumulator screw	40416			12
105	Filling plug	40368			1
106	Seal	41357	D124	*	1
107	Shield plug	154015			1
108	Usit-ring	90056	D9	*	1
109	Parallel pin	90304	10m6x24 DIN 6325		2
110	O-ring	910006	D23	*	1
30	Accumulator screw	41335			8
	*) Are included in seal set				

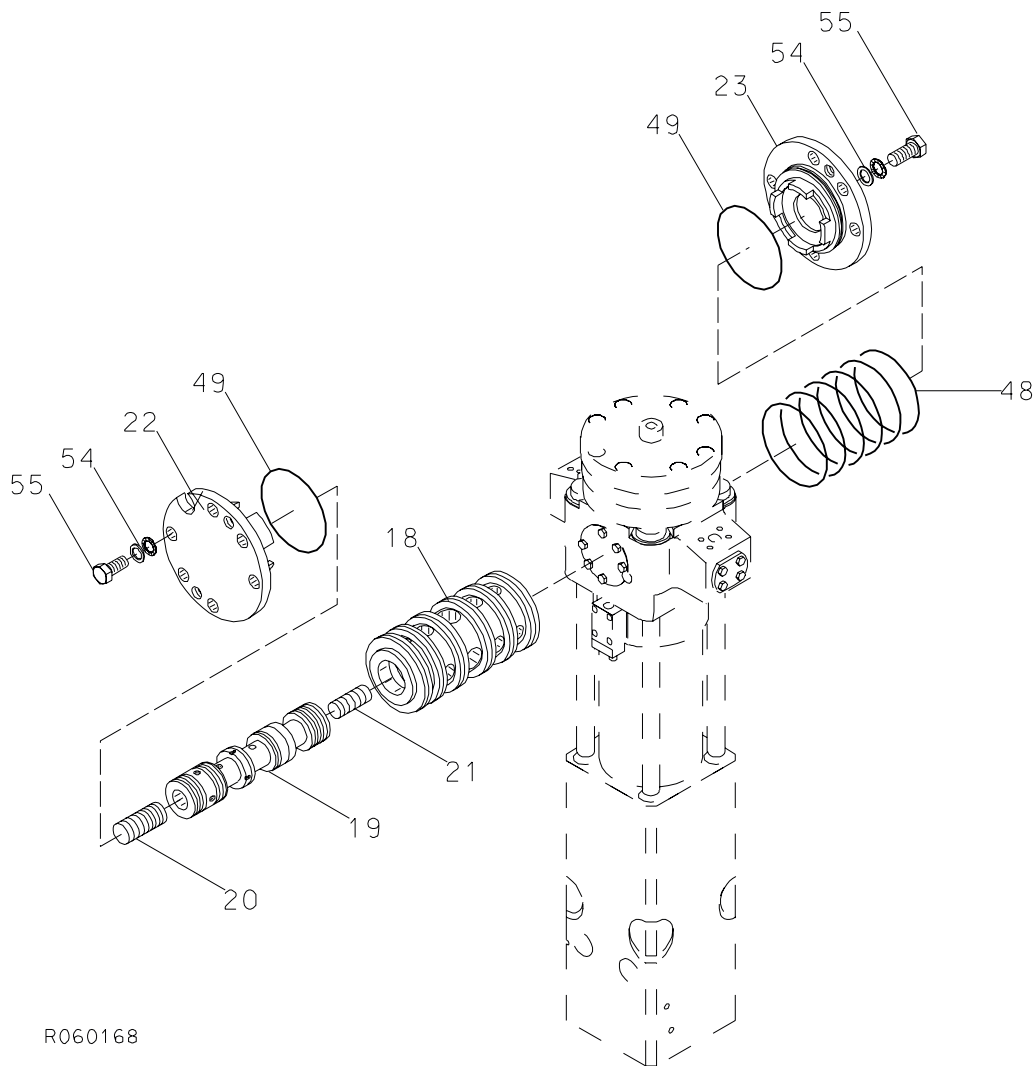
5. PILOT VALVE G 80 N



R060167

Item	Description	Part no.	Specification	Note	Qty
5.1	Pilot valve (incl. parts 505-506)	101598	Pressure level 6 (G 80 N CITY PRO, S/N 80BPB6)		1
5.2	Pilot valve (incl. parts 505-506)	102670	Pressure level 5 (G 80 N CITY, S/N 80BDB5)		1
5.3	Flange plug	93092	M18x1.5 (G 80 N CITY, S/N 80BDB4)		1
505	O-ring	901186	D10	*	1
506	Usit-ring	901187	D18	*	1
	*) Are included in seal set				

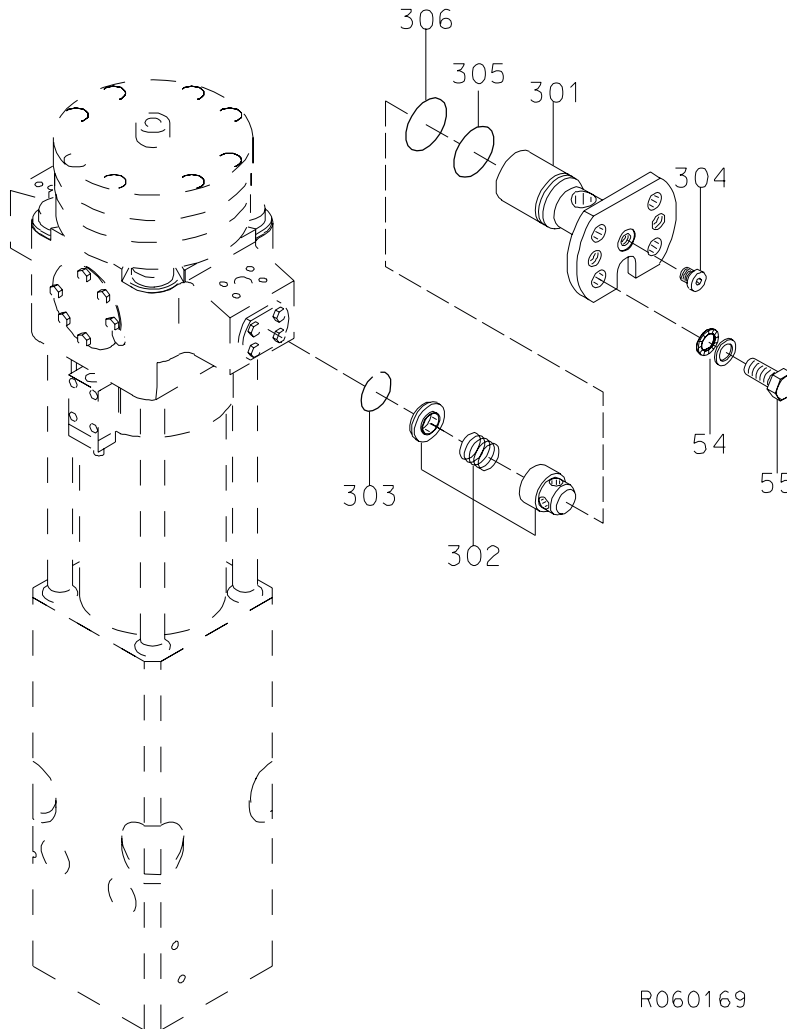
6. MAIN VALVE G 80 N



R060168

Item	Description	Part no.	Specification	Note	Qty
18	Main valve bushing	103802			1
19	Main spool	101713			1
20	Spool	101853			1
21	Spool	40112			1
22	Cover	101472			1
23	Cover	101830			1
48	Seal	902668	D110	*	6
49	O-ring	90005	D105	*	2
54	Lock washer	90597	M16 NORD-LOCK		12
55	Hex. screw	90517	M16x35-8.8 DIN 933		12
	*) Are included in seal set				

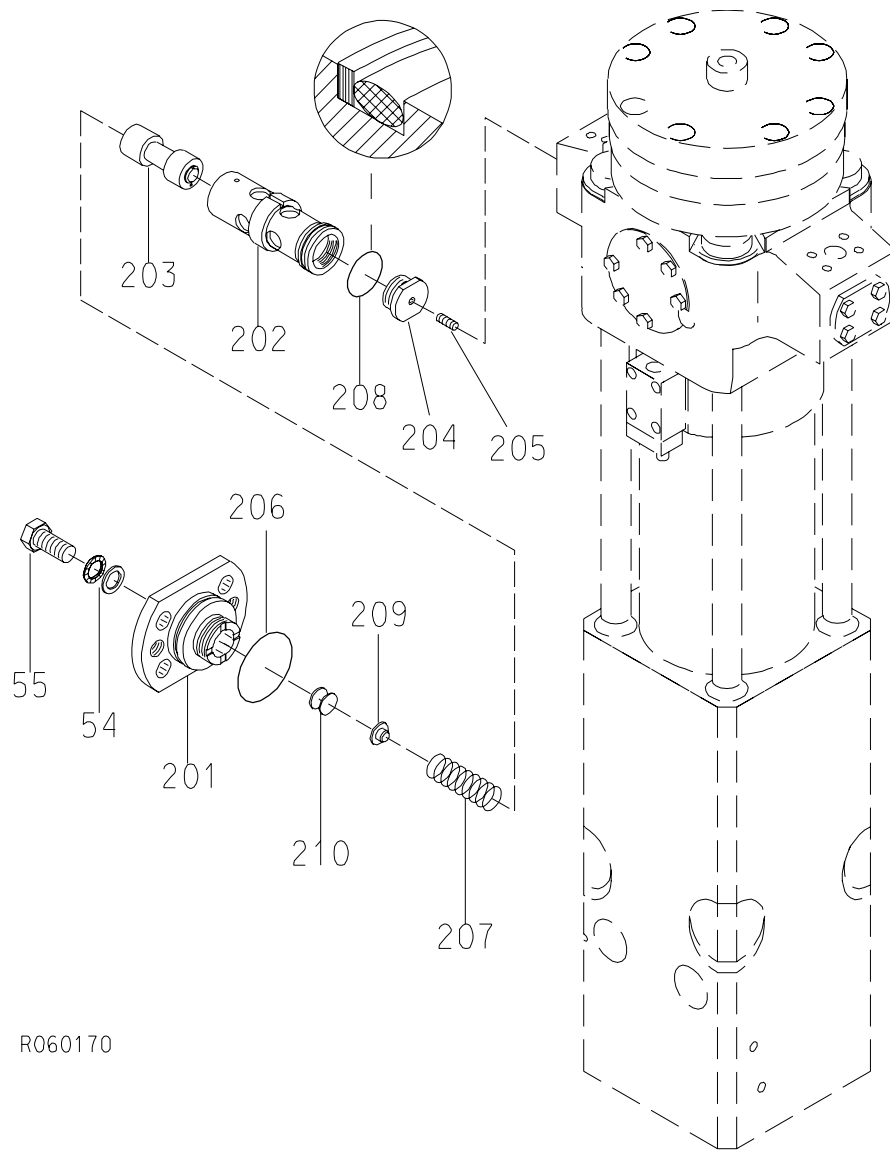
7. CHECK VALVE G 80 N



R060169

Item	Description	Part no.	Specification	Note	Qty
3	Check valve (incl. parts 301-306, 54 and 55)	300943			1
301	Check valve housing	300933			1
302	Check valve	90432			1
303	Spring ring	90310	B38 DIN 7993		1
304	Flange plug	90403	R1/4		1
305	O-ring	90031	D46	*	1
306	O-ring	90007	D44	*	1
54	Lock washer	90597	M16 NORD-LOCK		4
55	Hex. screw	90517	M16x35-8.8 DIN 933		4
	*) Are included in seal set				

8. PRESSURE CONTROL VALVE G 80 N

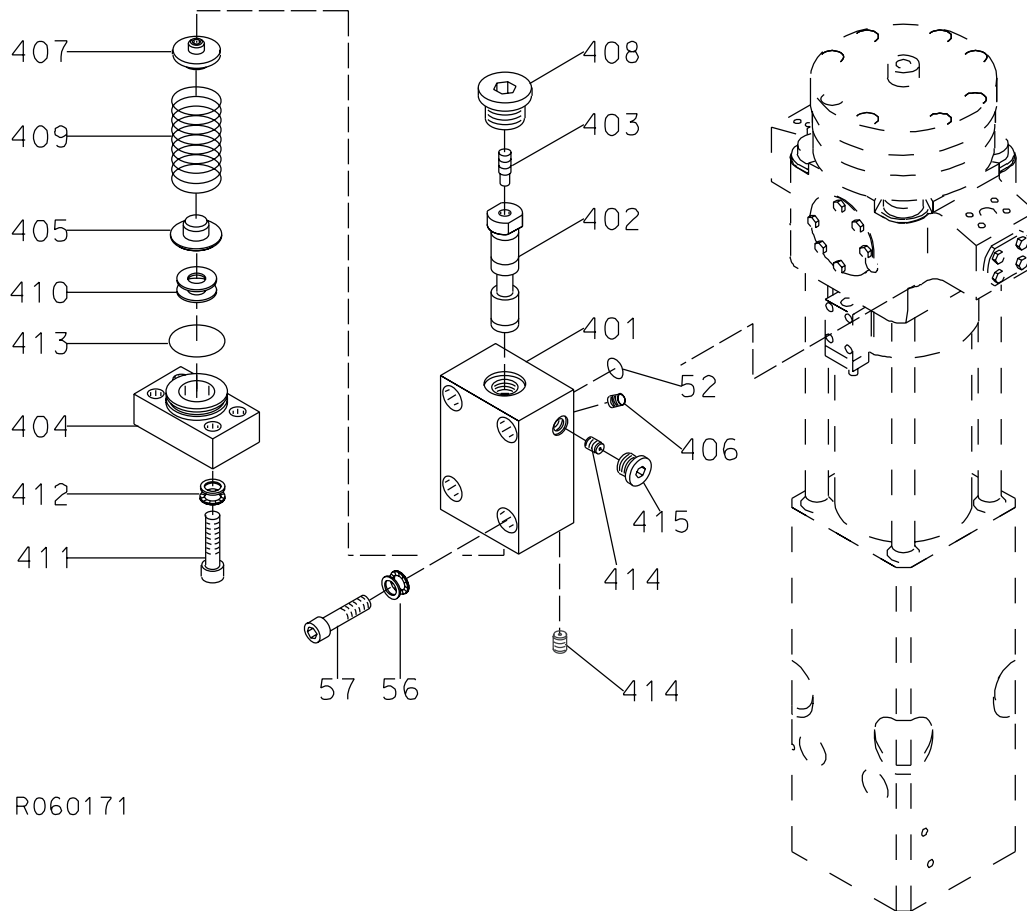


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PRESSURE CONTROL VALVE G 80 N

Item	Description	Part no.	Specification	Note	Qty
2	Pressure control valve (incl. parts 201-210, 54 and 55)	101909			1
201	Cover	300998			1
202	Valve housing	101916			1
203	Spool	102536			1
204	Guide	400688			1
205	Spool	400690			1
206	O-ring	90083	D60	*	1
207	Spring	90104			1
208	Seal	41375	D50	*	1
209	Spring guide	40275			1
210	Shim plate	42364	S=1.5		X
210	Shim plate	42365	S=1.25		X
210	Shim plate	42366	S=0.9		X
54	Lock washer	90597	M16 NORD-LOCK		4
55	Hex. screw	90517	M16x35-8.8 DIN 933		4
	*) Are included in seal set				

9. PRESSURE SEQUENCE VALVE G 80 N

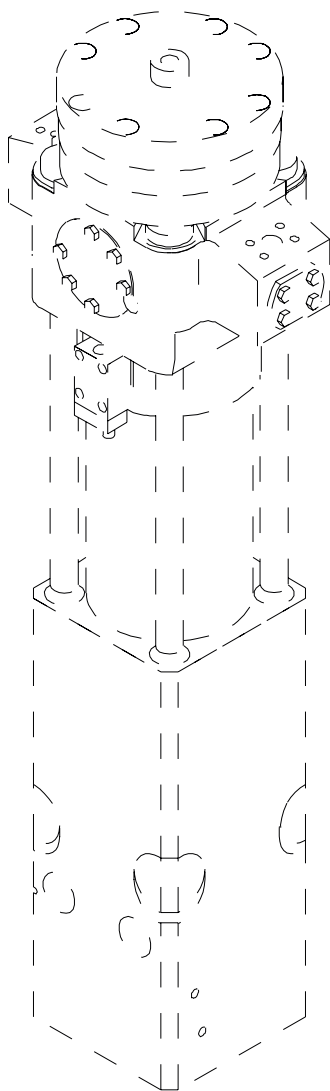


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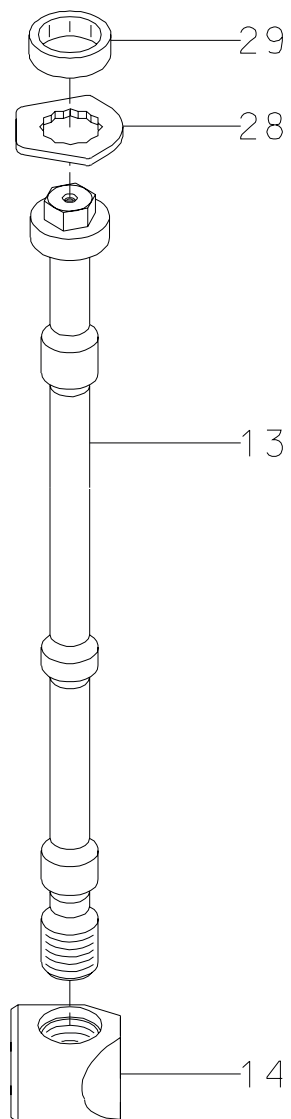
PRESSURE SEQUENCE VALVE G 80 N

Item	Description	Part no.	Specification	Note	Qty
4	Pressure sequence valve (incl. parts 401-415, 56 and 57)	104416			1
401	Valve housing	104397			1
402	Spool	101621			1
403	Spool	101579			1
404	Spring housing	101465			1
405	Spring guide	040275			1
406	Ball plug	915028	D6		1
407	Spring guide	101580			1
408	Flange plug	90424	R1/2		1
409	Spring	90110	D25x64		1
410	Shim plate	42364	S=1.5		X
410	Shim plate	42365	S=1.25		X
410	Shim plate	42366	S=0.9		X
411	Hex. socket screw	90522	M12x40-12.9 DIN 912		4
412	Lock washer	91012	M12 NORD-LOCK		4
413	O-ring	94091	D39	*	1
414	Nozzle	101466			2
415	Flange plug	93203	R1/8		1
52	O-ring	94035	D13	*	4
56	Lock washer	91012	M12 NORD-LOCK		4
57	Hex. socket screw	902954	M12x50-12.9 DIN 912		4
	*) Are included in seal set				

10. TIE RODS G 80 N



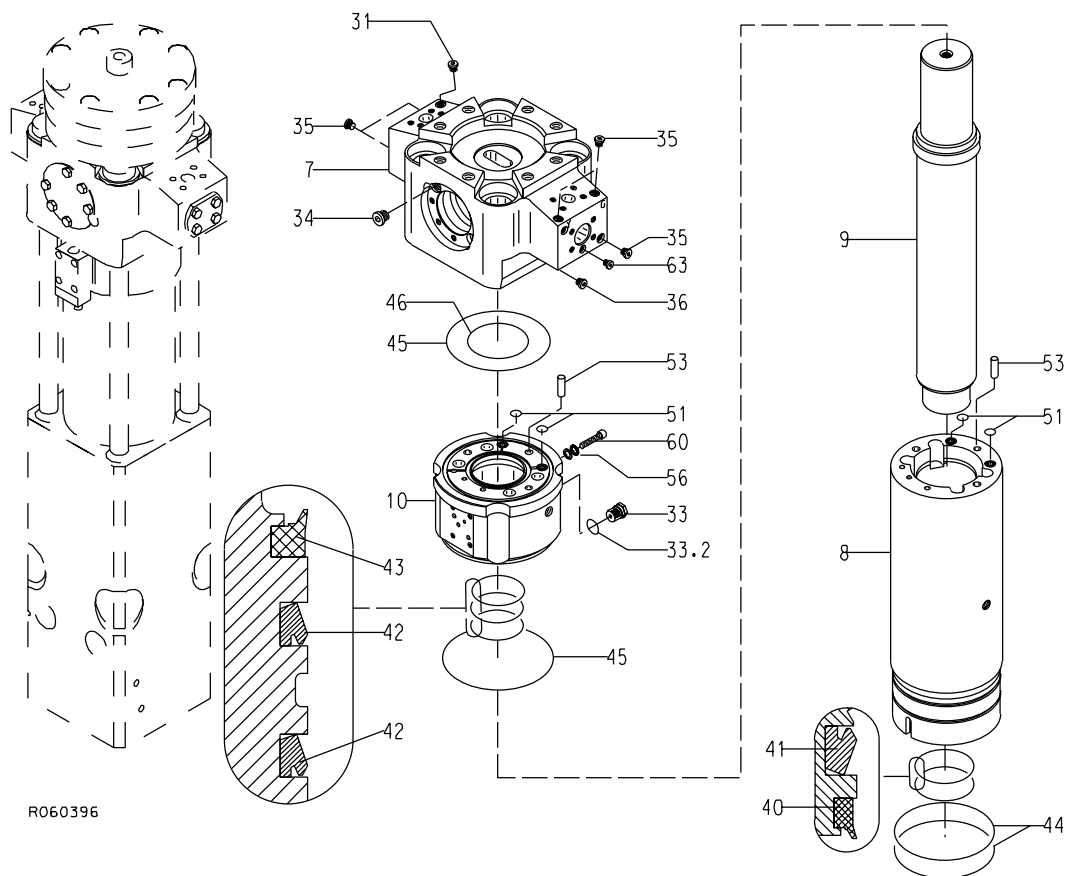
R060172



TIE RODS G 80 N

Item	Description	Part no.	Specification	Note	Qty
13	Tie rod	103760			4
14	Tie rod nut	103789			4
28	Lock plate	101449			4
29	Rubber ring	40586			4

11. BODY PARTS G 80 N

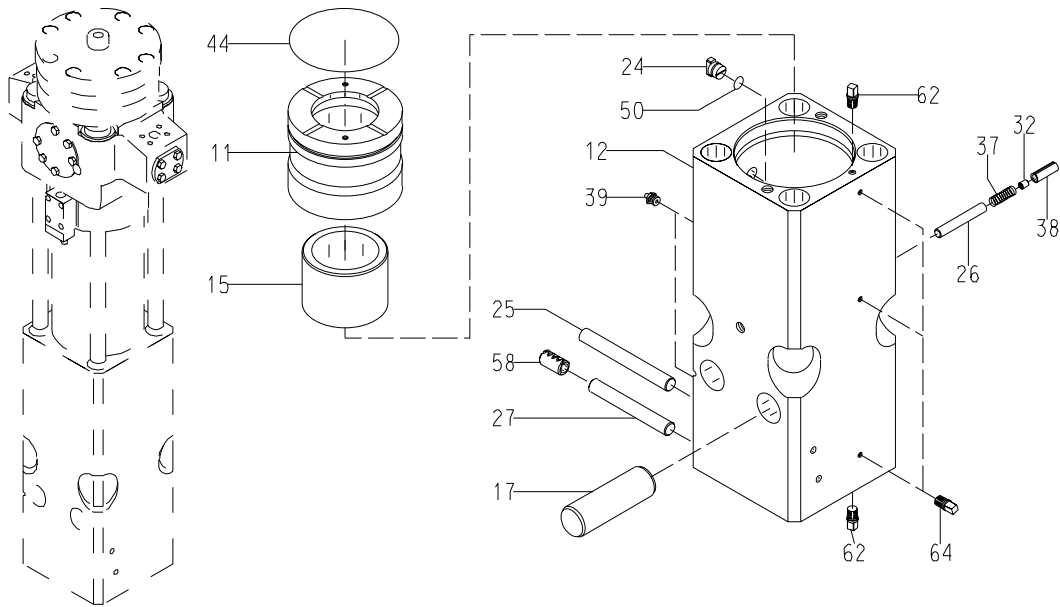


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BODY PARTS G 80 N

Item	Description	Part no.	Specification	Note	Qty
7	Valve body (incl. parts 31, 34, 35, 36 and 63)	101287			1
8	Cylinder	104390			1
9	Piston	101443			1
10	Seal carrier (incl. parts 33, 50 and 60)	101626			1
31	Breather	400662			1
33	Breather (incl. part 33.2)	101700			1
33.2	O-ring	901173		*	1
34	Flange plug	90401	R3/4		1
35	Flange plug	90444	R3/8		5
36	Flange plug	90403	R1/4		1
40	Wiper	913001	D135	*	1
41	Seal	903325	D135	*	1
42	Seal	903324	D119	*	2
43	Wiper	901160	D119	*	1
44	O-ring	90076	D229	*	2
45	Seal	41140	D239	*	2
46	Seal	41350	D130	*	1
51	O-ring	901124	D17	*	4
53	Parallel pin	90317	16m6x50 DIN 6325		2
56	Lock washer	91012	M12 NORD-LOCK		1
60	Hex. socket screw	91041	M12x60-8.8 DIN 912		1
63	Plug	41658			1
	*) Are included in seal set				

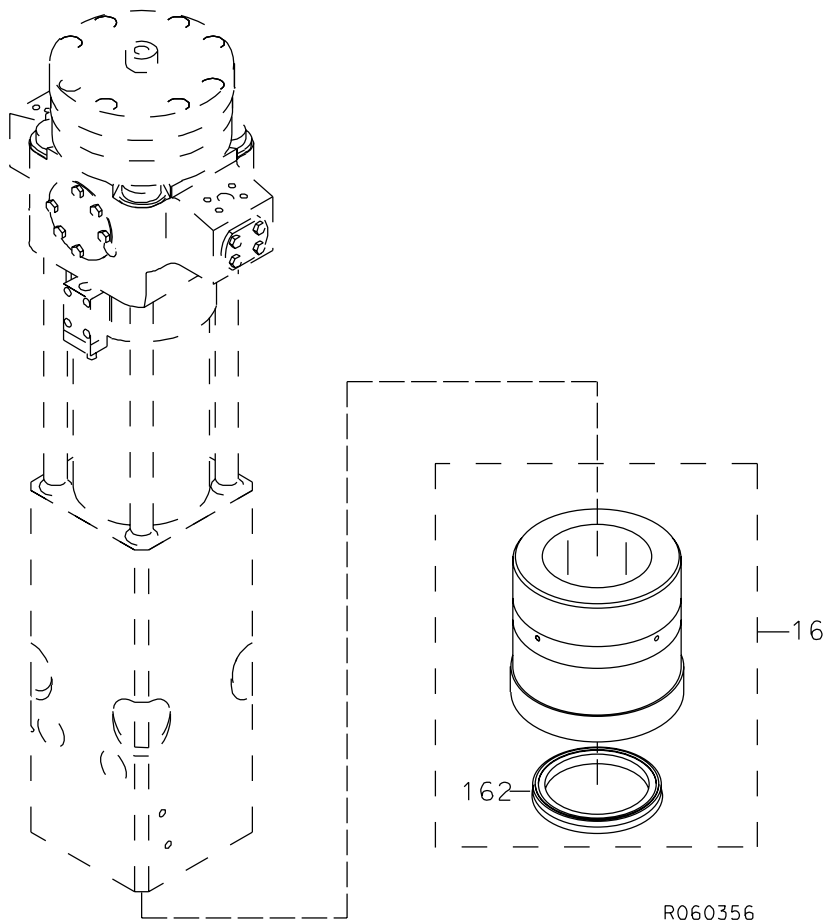
12. FRONT HEAD G 80 N



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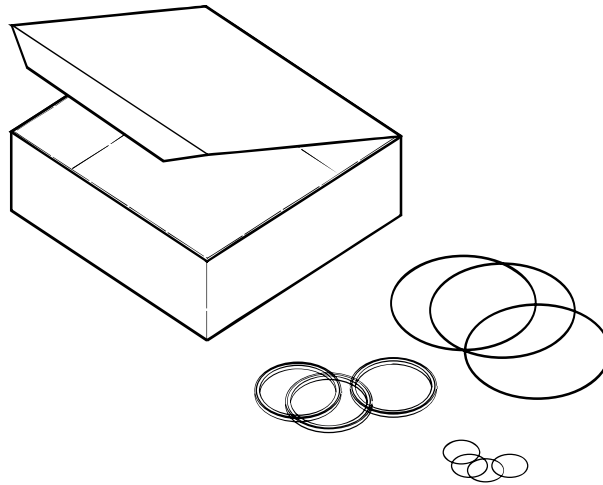
Item	Description	Part no.	Specification	Note	Qty
11	Thrust ring	101375			1
12	Front head (incl. parts 39, 62 and 64)	101302			1
15	Upper tool bushing	101414			1
17	Tool retaining pin	101446			2
24	Wedge	40110			1
25	Retaining pin	101447	D30		1
26	Retaining pin	101448	D20		1
27	Retaining pin	400360	D30		1
32	Spring guide	101094			1
37	Spring	920007			1
38	Split pin	904022	21x60 DIN 1481		1
39	Grease nipple	90200	R1/4		2
44	O-ring	90076	D229	*	1
50	O-ring	90000	D24	*	1
58	Split pin	901132	D30x60		1
62	Plug	111402			2
64	Plug	111399			3
	*) Are included in seal set				

13. LOWER TOOL BUSHING G 80 N



Item	Description	Part no.	Specification	Note	Qty
16	Lower tool bushing (incl. parts 162)	102668			1
162	Seal	102013	D140		1

14. SEAL SET G 80 N



R060012

Item	Description	Part no.	Specification	Note	Qty
Kit	Seal set (incl. parts 1-27)	102255			1
1	O-ring	901173	D27		1
2	Wiper	913001	D135		1
3	Seal	903325	D135		1
4	Seal	903324	D119		2
5	Wiper	901160	D119		1
6	O-ring	90076	D229		3
7	Seal	41140	D239		2
8	Seal	41350	D130		1
9	Seal	90020	D105		6
10	Seal	902668	D110		6
11	O-ring	90005	D105		2
12	O-ring	90000	D24		1
13	O-ring	901124	D17		4
14	O-ring	94035	D13		4
15	Seal	41357	D124		1
16	Usit-ring	90056	U8.7-14-1		1
17	O-ring	901026	D14		1
19	O-ring	90083	D60		1
20	Seal	41374	D55		1
21	Seal	41375	D50		1
22	O-ring	90031	D46		1
23	O-ring	90007	D44		1
24	O-ring	94091	D39		1
25	O-ring	901186	D10		1
26	Usit-ring	901187	D18		1
27	O-ring	910006	D23		1

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Sandvik Tamrock Corp., Breakers Lahti
Taivalkatu 8, P.O. Box 165, FIN-15101 Lahti, Finland
Phone Int. +358 205 44 161, Telefax Int. +358 205 44 160
www.rammer.com