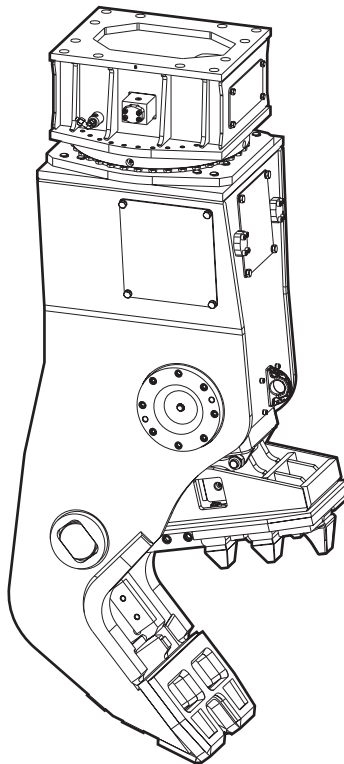


BP 1650, 1650 R

Spare parts list

Bulk pulverizer

BP 1650 s/n	DGR240001 -
	DEQ219329 -
BP 1650 R s/n	DGR240001 -
	DEQ219329 -



General information

This spare parts list applies to the following:

Part number	Description
3363125430	Bulk pulverizer BP 1650 non rotating
3363126335	Bulk pulverizer BP 1650 HATCON (3G) non rotating
3363126962	Bulk pulverizer BP 1650 HATCON (LTE) non rotating
3363125710	Bulk pulverizer BP 1650 rotating
3363126336	Bulk pulverizer BP 1650 HATCON (3G) rotating
3363126963	Bulk pulverizer BP 1650 HATCON (LTE) rotating

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability. Any unauthorized use or copying of the contents or any part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers, and drawings.

Instructions for use

This spare parts list contains no safety regulations and is merely intended to assist in the ordering of spare parts.

For information about operating, servicing, or repairing, the relevant Safety and operating instructions must be consulted at all costs.

Please observe the safety instructions listed in the relevant Safety and operating instructions!

Instructions for ordering

It is essential to indicate the serial number of the hydraulic attachment when ordering spare parts!

Please note the full identification number of your hydraulic attachment.

Determine the quantity of individual parts which are required and need to be ordered. The order must indicate the following details:

- full identification code of the hydraulic attachment
- required quantity
- part number
- description

Service, repair and wear part kits

Cutter blades kit	1
Seal kit (Hydraulic cylinder)	3
Kit list	5

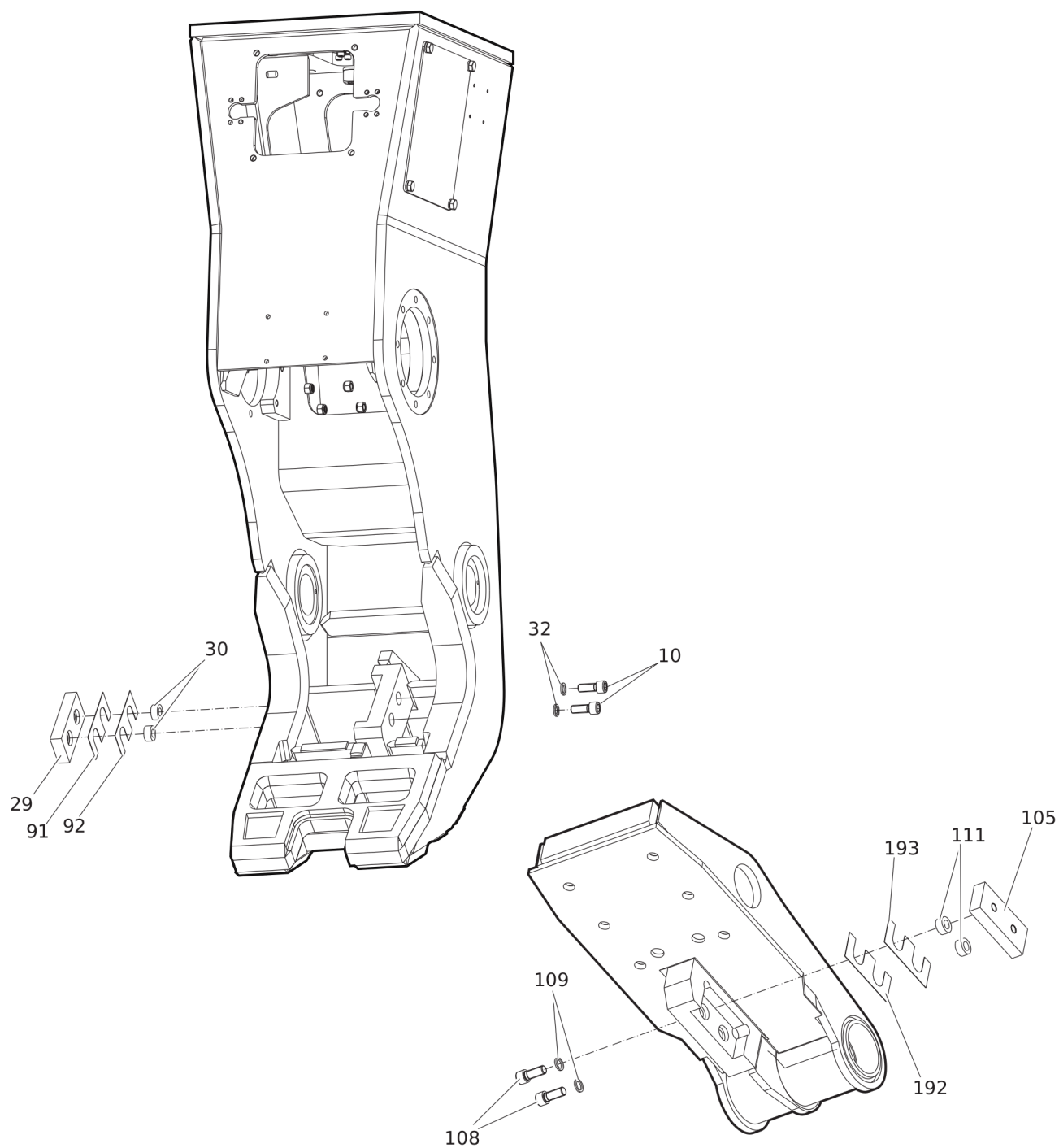
Mechanical

Bulk pulverizer BP 1650 non rotating	7
Bulk pulverizer BP 1650 rotating	10
Pulverizer jaw	14
Hydraulic cylinder	17
Upper part complete	19
Rotary transmission	22
Tightening torques	25
HATCON	28
Dimensions BP 1650 R non rotating	31
Dimensions BP 1650 R rotating	32

Options / accessories

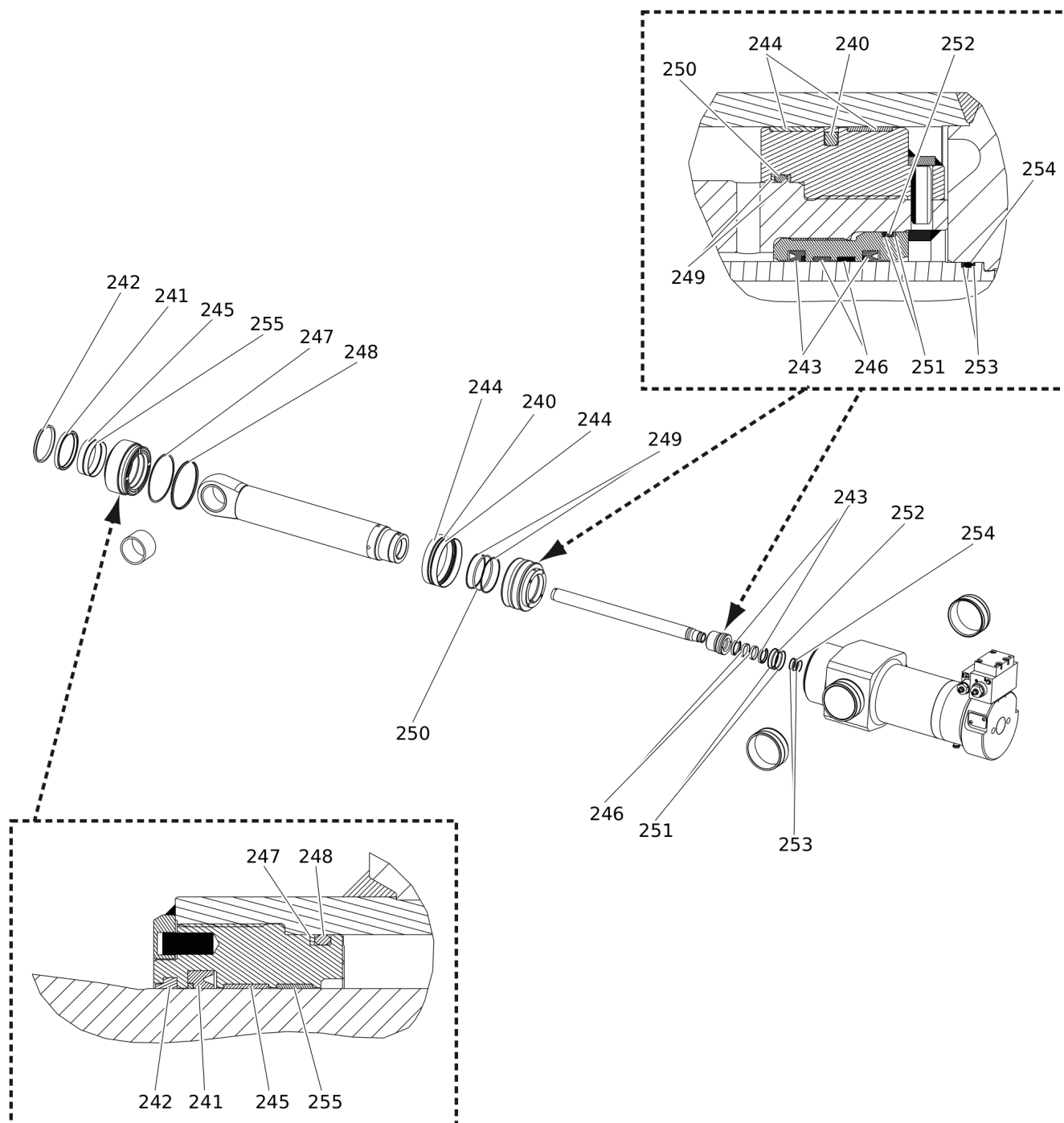
Hydraulic hoses - non rotating	34
Hydraulic hoses - rotating	37
Optional equipment 1	39
Optional equipment 2	41

Service, repair and wear part kits Cutter blades kit



Item	Part No.	Name	Qty	L
KIT	3363126321	CUTTER BLADES KIT	1	
10	3360106092	ALLEN SCREW	2	
29	3363086479	CUTTER BLADE	1	
30	3363035107	LOCK RING	2	
32	3361850748	PAIR OF LOCK WASHERS	2	
91	3363088149	SHIM	1	
92	3363087607	SHIM	1	
105	3363086479	CUTTER BLADE	1	
108	3360106092	ALLEN SCREW	2	
109	3361850748	PAIR OF LOCK WASHERS	2	
111	3363035107	LOCK RING	2	
191	3363088149	SHIM	1	
192	3363087607	SHIM	1	

Service, repair and wear part kits Seal kit (Hydraulic cylinder)



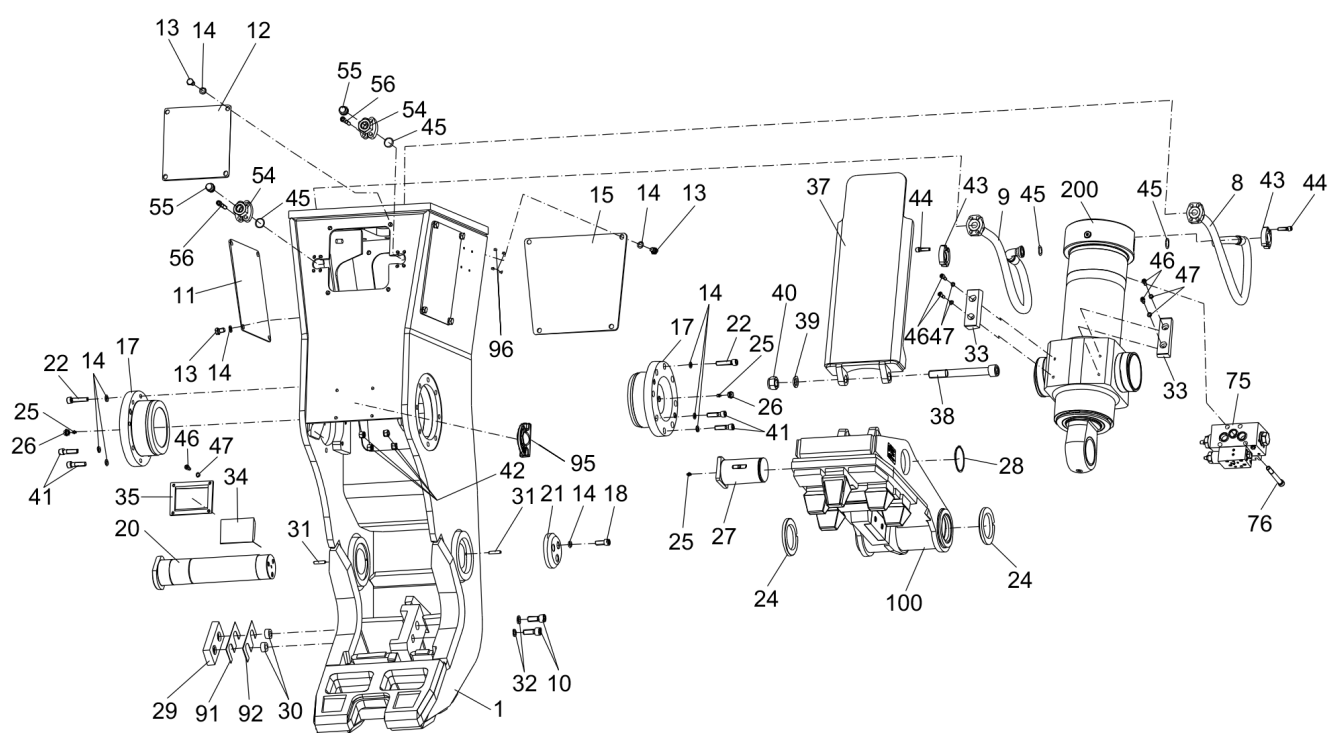
Item	Part No.	Name	Qty	L
KIT	3363125864	SEAL KIT (Hydraulic cylinder)	1	
240		SEAL	1	
241		SEAL	1	
242		WIPER	1	
243		SEAL	2	
244		GUIDE RING	2	
245		GUIDE RING	1	
246		GUIDE RING	2	
247		BACK-UP RING	1	
248		O-RING	1	
249		BACK-UP RING	2	
250		O-RING	1	
251		BACK-UP RING	2	
252		O-RING	1	
253		BACK-UP RING	2	
254		O-RING	1	
255		GUIDE RING	1	

Service, repair and wear part kits Kit list

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

Item	Part No.	Name	Qty	L
KIT	3363125690	LABEL KIT	1	
KIT	3363126309	SEAL KIT (Hydraulic motor and housing)	1	
KIT	3363127334	SEAL KIT (Rapid movement valve)	1	

BP 1650, BP 1650 R s/n DEQ219329 -



Item	Part No.	Name	Qty	L
1	3363125689	HOUSING	1	A
8	3363125694	HYDRAULIC HOSE	1	
9	3363125695	HYDRAULIC HOSE	1	
10	3360106092	ALLEN SCREW	2	
11	3363082455	PLATE	2	
12	3363125681	PLATE	1	
13	3360105141	HEXAGON HEAD BOLT	20	
14	3361333703	PAIR OF LOCK WASHERS	39	
15	3363088269	PLATE	1	
17	3363120479	CAP	2	
18	3360106079	ALLEN SCREW	3	
20	3363125518	BOLT	1	
21	3363130036	CAP	1	
22	3363034481	ALLEN SCREW	12	
24	3363085879	DISK	2	
25	3360209834	GREASE NIPPLE	3	
26	3363070084	THREADED PLUG	2	
27	3363086439	BOLT	1	
28	3362328072	LOCK RING	1	
29	3363086479	CUTTER BLADE	1	
30	3363035107	LOCK RING	2	
31	3363098104	SPRING DOWEL SLEEVE	2	
32	3361850748	PAIR OF LOCK WASHERS	2	
33	3363088389	GUIDE PART	2	
34	3363088385	GUIDE PART	1	
35	3363088387	SUPPORT	1	
37	3363125513	PROTECTIVE SHEATH	1	
38	3363111908	ALLEN SCREW	1	
39	3360108520	DISK	1	
40	3363122939	HEXAGON NUT	1	
41	3360106083	ALLEN SCREW	4	
42	3363087617	HEXAGON NUT	4	
43	3361853208	FLANGE HALF	4	
44	3360026513	ALLEN SCREW	8	
45	3360314370	O-RING	4	
46	3360103745	ALLEN SCREW	8	
47	3361850745	PAIR OF LOCK WASHERS	8	

Item	Part No.	Name	Qty	L
54	3363126311	HOSE CONNECTION	2	
55	3361031956	PLUG	2	
56	3360026518	ALLEN SCREW	8	
75	3363103691	RAPID MOVEMENT VALVE	1	
76	3363091092	ALLEN SCREW	4	
91	3363088149	SHIM	1	B
92	3363087607	SHIM	1	C
95	3363111994	LIFTING EYE	1	D
96	3315439145	PROTECTIVE PLUG HATCON	4	E
100	3363125678	PULVERIZER JAW, complete	1	F
200	3363125687	HYDRAULIC CYLINDER	1	F

Comments for Page: Bulk pulverizer BP 1650 non rotating

A | with item 95

B | 0.2 mm (0.01 in.) thick, as required

C | 1.0 mm (0.04 in.) thick, as required

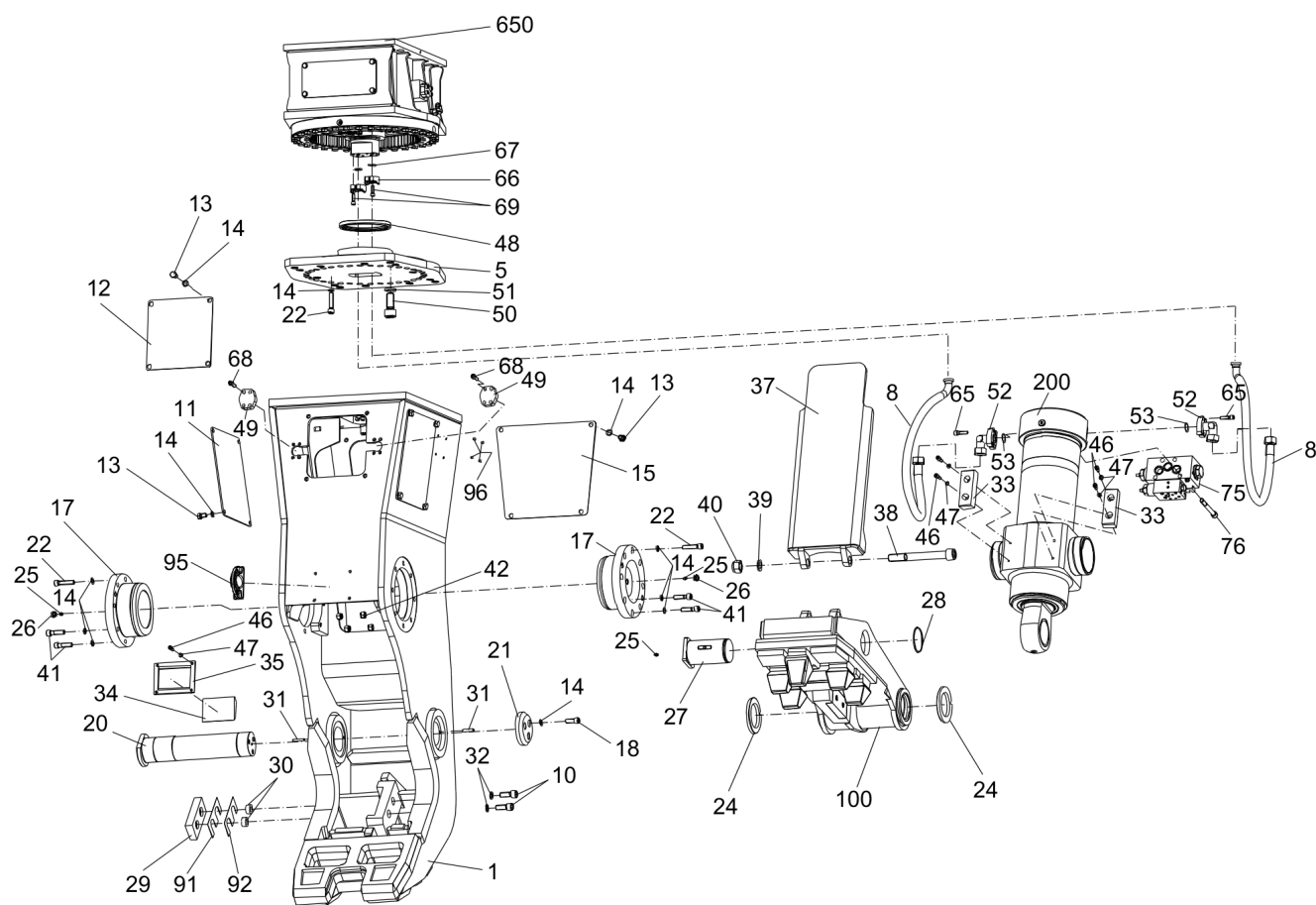
D | professional welding process necessary

E | only for hydraulic pulverizers without HATCON

F | see separate chapter

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Mechanical Bulk pulverizer BP 1650 rotating



Item	Part No.	Name	Qty	L
1	3363125689	HOUSING	1	
5	3363125711	PLATE	1	
8	3363125717	HYDRAULIC HOSE	2	
10	3360106092	ALLEN SCREW	2	
11	3363082455	PLATE	2	
12	3363125681	PLATE	1	
13	3360105141	HEXAGON HEAD BOLT	16	
14	3361333703	PAIR OF LOCK WASHERS	71	
15	3363088269	PLATE	1	
17	3363120479	CAP	2	
18	3360106079	ALLEN SCREW	3	
20	3363125518	BOLT	1	
21	3363130036	CAP	1	
22	3363034481	ALLEN SCREW	48	
24	3363085879	DISK	2	
25	3360209834	GREASE NIPPLE	3	
26	3363070084	THREADED PLUG	2	
27	3363086439	BOLT	1	
28	3362328072	LOCK RING	1	
29	3363086479	CUTTER BLADE	1	
30	3363035107	LOCK RING	2	
31	3363098104	SPRING DOWEL SLEEVE	2	
32	3361850748	PAIR OF LOCK WASHERS	2	
33	3363088389	GUIDE PART	2	
34	3363088385	GUIDE PART	1	
35	3363088387	SUPPORT	1	
37	3363125513	PROTECTIVE SHEATH	1	
38	3363111908	ALLEN SCREW	1	
39	3360108520	DISK	1	
40	3363122939	HEXAGON NUT	1	
41	3360106083	ALLEN SCREW	4	
42	3363087617	HEXAGON NUT	4	
46	3360103745	ALLEN SCREW	8	
47	3361850745	PAIR OF LOCK WASHERS	8	
48	3363091934	ROTARY SHAFT SEAL	1	
49	3363034040	BLIND FLANGE	2	
50	3360478750	ALLEN SCREW	14	

Item	Part No.	Name	Qty	L
51	3361850747	PAIR OF LOCK WASHERS	14	
52	3362263593	FITTING, complete	2	
53	3360314370	O-RING	2	
65	3360026513	ALLEN SCREW	8	
66	3360995664	FLANGE HALF	4	
67	3360314549	O-RING	2	
68	3360026512	ALLEN SCREW	8	
69	3360026393	ALLEN SCREW	8	
75	3363127125	RAPID MOVEMENT VALVE	1	
76	3363091092	ALLEN SCREW	4	
91	3363088149	SHIM	1	B
92	3363087607	SHIM	1	C
95	3363111994	LIFTING EYE	1	D
96	3315439145	PROTECTIVE PLUG HATCON	4	E
100	3363125678	PULVERIZER JAW, complete	1	F
200	3363125687	HYDRAULIC CYLINDER	1	F
650	3363125899	UPPER PART, complete	1	F

Comments for Page: Bulk pulverizer BP 1650 rotating

A | with item 95

B | 0.2 mm (0.01 in.) thick, as required

C | 1.0 mm (0.04 in.) thick, as required

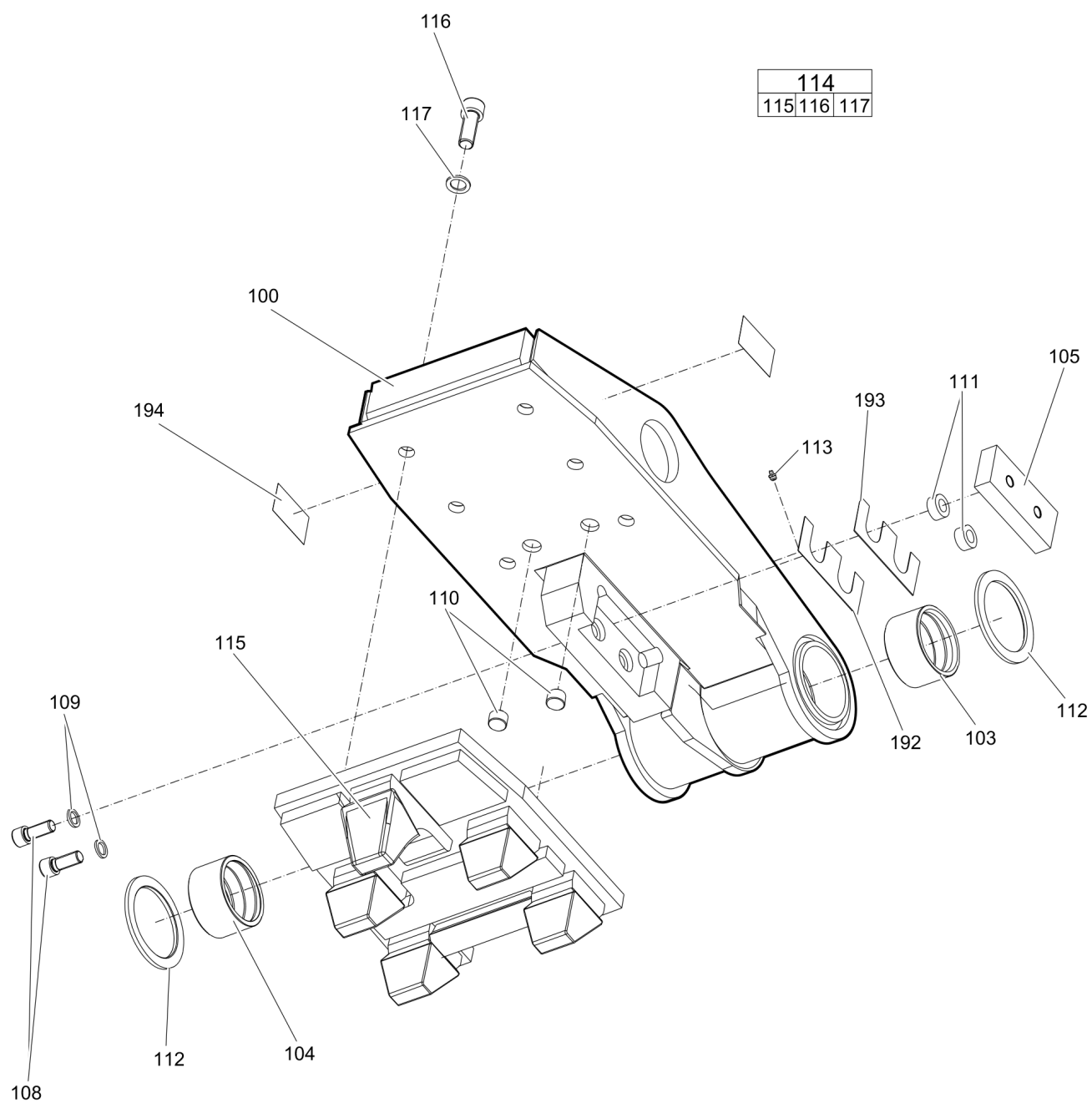
D | professional welding process necessary

E | only for hydraulic pulverizers without HATCON

F | see separate chapter

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Mechanical Pulverizer jaw



Item	Part No.	Name	Qty	L
100	3363125678	PULVERIZER JAW, complete	1	A
103	3363088319	BEARING BUSH	1	
104	3363088321	BEARING BUSH	1	
105	3363086479	CUTTER BLADE	1	
108	3360106092	ALLEN SCREW	2	
109	3361850748	PAIR OF LOCK WASHERS	2	
110	3363086441	LOCK PIN	2	
111	3363035107	LOCK RING	2	
112	3363085851	DISK	2	
113	3360209834	GREASE NIPPLE	1	
114(115-117)	3363126322	TOOTH PLATE, complete	1	
115		TOOTH PLATE	1	
116	3363125677	ALLEN SCREW	6	
117	3361850746	PAIR OF LOCK WASHERS	6	
192	3363088149	SHIM	1	B
193	3363087607	SHIM	1	C
194	3362268751	LABEL TIGHTENING TORQUE	2	D

Comments for Page: Pulverizer jaw

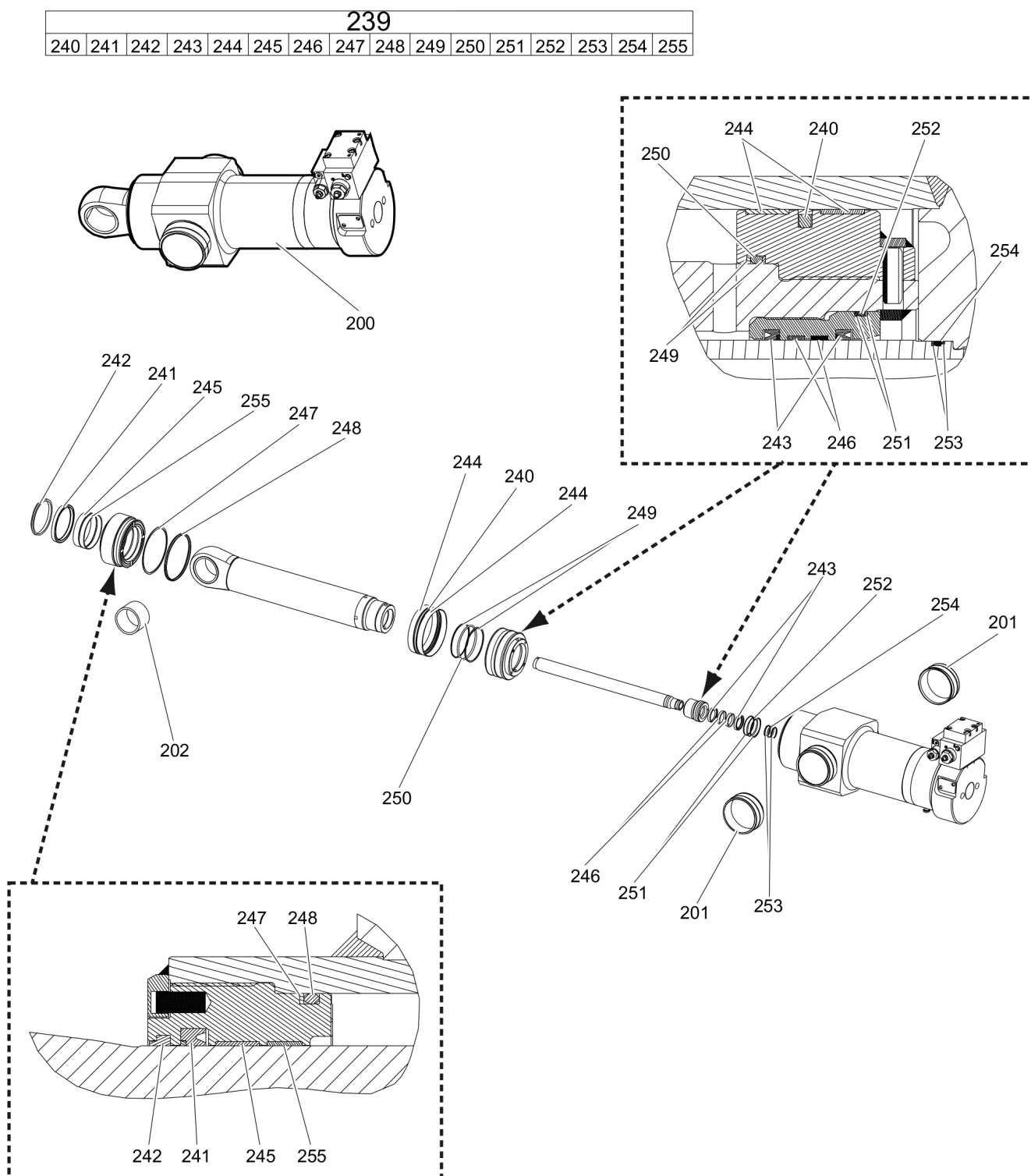
A | with parts item 103 - 117

B | 0.2 mm (0.01 in.) thick, as required

C | 1.0 mm (0.04 in.) thick, as required

D | German/English

Mechanical Hydraulic cylinder

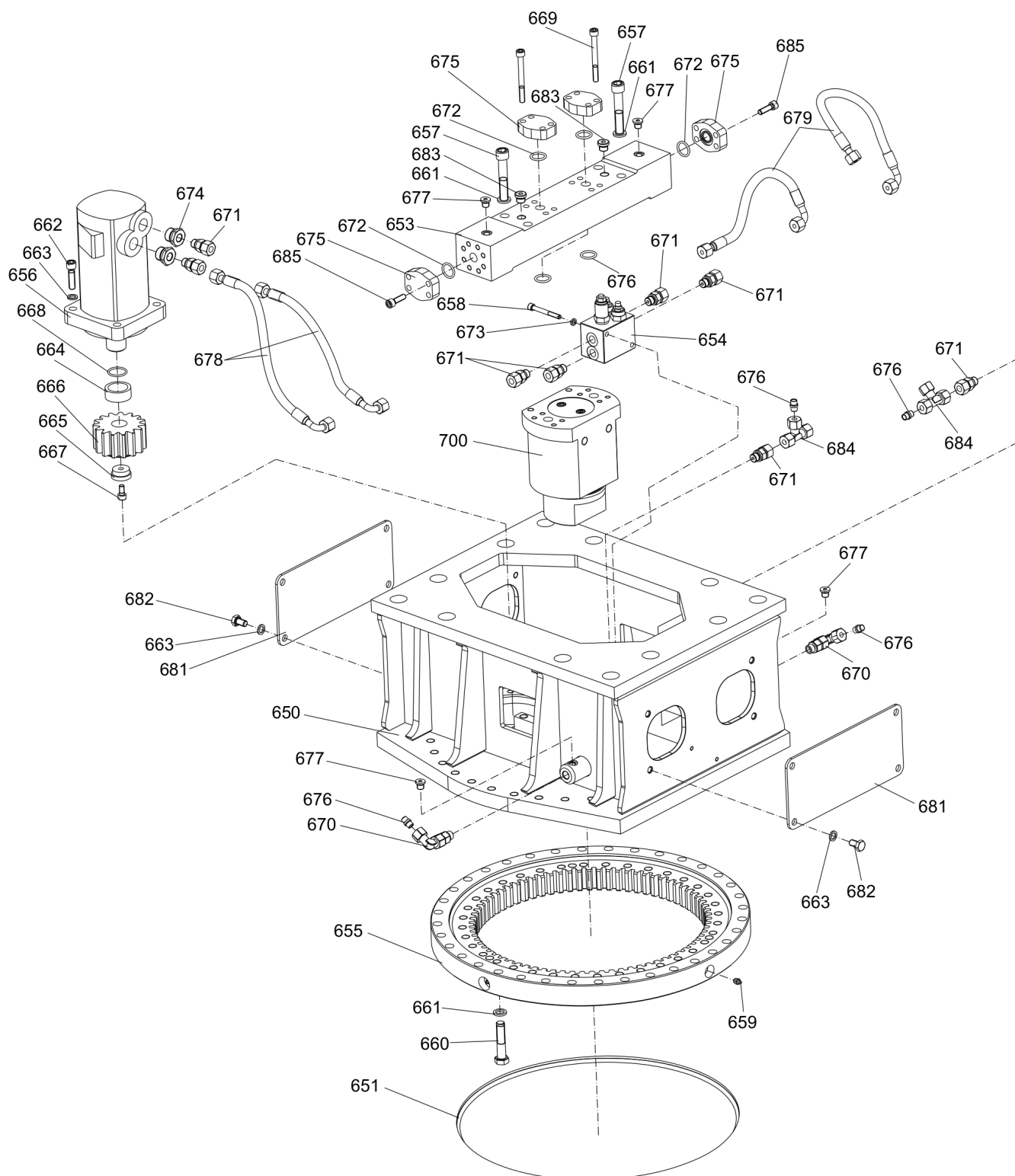


Item	Part No.	Name	Qty	L
200	3363125687	HYDRAULIC CYLINDER	1	A
201	3363125658	BEARING BUSH	2	
202	3363112446	CLAMPING BUSH	1	
239(240-255)	3363125864	SEAL KIT (Hydraulic cylinder)	1	
240		SEAL	1	
241		SEAL	1	
242		WIPER	1	
243		SEAL	2	
244		GUIDE RING	2	
245		GUIDE RING	1	
246		GUIDE RING	2	
247		BACK-UP RING	1	
248		O-RING	1	
249		BACK-UP RING	2	
250		O-RING	1	
251		BACK-UP RING	2	
252		O-RING	1	
253		BACK-UP RING	2	
254		O-RING	1	
255		GUIDE RING	1	

Comments for Page: Hydraulic cylinder

A | with parts item 201 - 255

Mechanical Upper part complete



Item	Part No.	Name	Qty	L
650	3363125899	UPPER PART, complete	1	A
651	3363129335	SEAL	1	
653	3363122703	CONNECTION PLATE	1	
654	3362266712	VALVE BLOCK	1	
655	3363122701	FOUR POINT BEARING	1	
656	3363098967	HYDRAULIC MOTOR	1	
657	3362328096	ALLEN SCREW	4	
658	3360103738	ALLEN SCREW	2	
659	3360209834	GREASE NIPPLE	4	
660	3363085887	HEXAGON HEAD BOLT	36	
661	3361333703	PAIR OF LOCK WASHERS	40	
662	3360026513	ALLEN SCREW	4	
663	3361850596	PAIR OF LOCK WASHERS	12	
664	3362265869	RING	1	
665	3363088327	RING	1	
666	3362260807	SPUR PINION	1	
667	3361031981	ALLEN SCREW	1	
668	3360313304	O-RING	1	
669	3363505121	ALLEN SCREW	8	
670	3363091912	FITTING	2	
671	3360478333	FITTING	8	
672	3360314549	O-RING	6	
673	3361850743	PAIR OF LOCK WASHERS	2	
674	3362267435	FITTING	2	
675	3363091090	BLIND FLANGE	4	
676	3360314593	PLUG	4	
677	3360478439	THREADED PLUG	4	
678	3363085885	HYDRAULIC HOSE	2	
679	3363083972	HYDRAULIC HOSE	2	
681	3363126341	COVER SHEET	2	
682	3360433381	HEXAGON HEAD BOLT	8	
683	3360478440	THREADED PLUG	2	
684	3360314543	FITTING	2	
685	3360026393	ALLEN SCREW	8	
700	3363125714	ROTARY TRANSMISSION	1	B

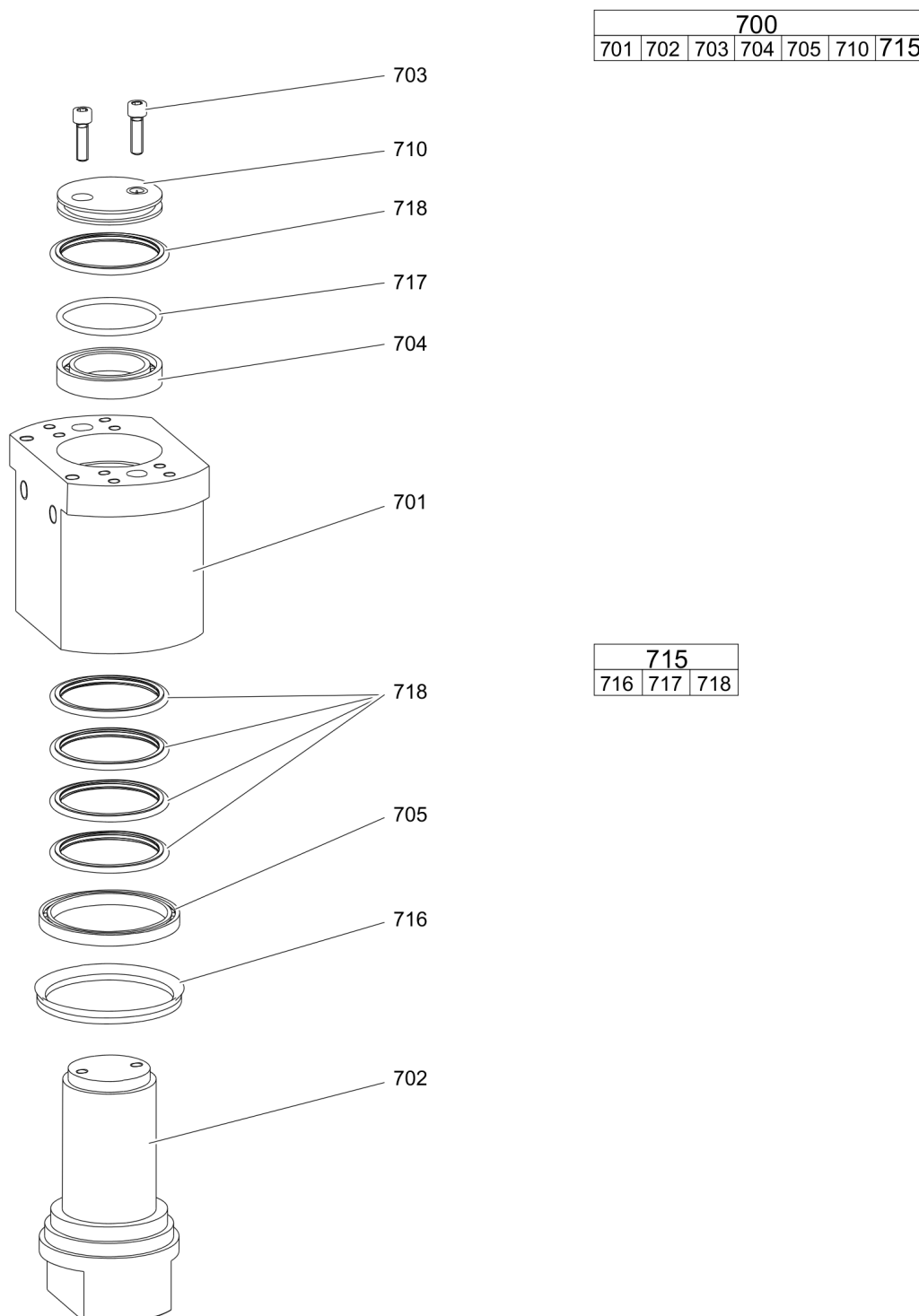
Comments for Page: Upper part complete

A | with item 653 - 700

B | see separate chapter

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Mechanical Rotary transmission



Item	Part No.	Name	Qty	L
700(701-715)	3363125714	ROTARY TRANSMISSION	1	
701	3363034413	STATOR	1	
702	3363125939	ROTOR	1	
703	3363034422	ALLEN SCREW	2	
704	3363034416	BALL BEARING	1	
705	3363034417	BALL BEARING	1	
710	3363034415	CAP	1	
715(716-718)	3363083065	SEAL KIT (Rotary transmission)	1	
716		V-RING	1	
717		O-RING	1	
718		SLIDE RING	5	

Mechanical Tightening torques

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

Item	Part No.	Name	Qty	L
10	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	
13	-	HEXAGON HEAD BOLT - 180 + 20 Nm (133 + 15 ft lbf)	-	
18	-	ALLEN SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
22	-	ALLEN SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
25	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 ft lbf)	-	
26	-	THREADED PLUG - 140 + 10 Nm (103 + 7 ft lbf)	-	
38	-	ALLEN SCREW - 100 + 10 Nm (74 + 7 ft lbf)	-	
41	-	ALLEN SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
44	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
46	-	ALLEN SCREW - 44 + 5 Nm (32 + 4 ft lbf)	-	
50	-	ALLEN SCREW - 1300 + 50 Nm (959 + 37 ft lbf)	-	
56	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
65	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
68	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
69	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
76	-	ALLEN SCREW - 250 + 20 Nm (184 + 15 ft lbf)	-	
108	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	
113	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 ft lbf)	-	
116	-	ALLEN SCREW - 650 + 50 Nm (479 + 37 ft lbf)	-	
657	-	ALLEN SCREW - 180 + 20 Nm (133 + 15 ft lbf)	-	
658	-	ALLEN SCREW - 19 + 5 Nm (14 + 4 ft lbf)	-	
659	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 ft lbf)	-	
660	-	HEXAGON HEAD SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
662	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
667	-	ALLEN SCREW - 75 Nm (18 ft lbf)	-	A
669	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
670	-	FITTING - 70 + 5 Nm (52 + 4 ft lbf)	-	
671	-	FITTING - 70 + 5 Nm (52 + 4 ft lbf)	-	
674	-	FITTING - 150 + 20 Nm (111 + 15 ft lbf)	-	
677	-	THREADED PLUG - 25 + 5 Nm (18 + 4 ft lbf)	-	
682	-	HEXAGON HEAD SCREW - 70 + 5 Nm (52 + 4 ft lbf)	-	
683	-	THREADED PLUG - 40 + 5 (30 + 4 ft lbf)	-	
684	-	FITTING - 70 + 5 Nm (52 + 4 ft lbf)	-	
685	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
703	-	ALLEN SCREW - 44 + 5 Nm (32 + 4 ft lbf)	-	
925	-	ALLEN SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
929	-	ALLEN SCREW - 1300 + 50 Nm (959 + 37 ft lbf)	-	

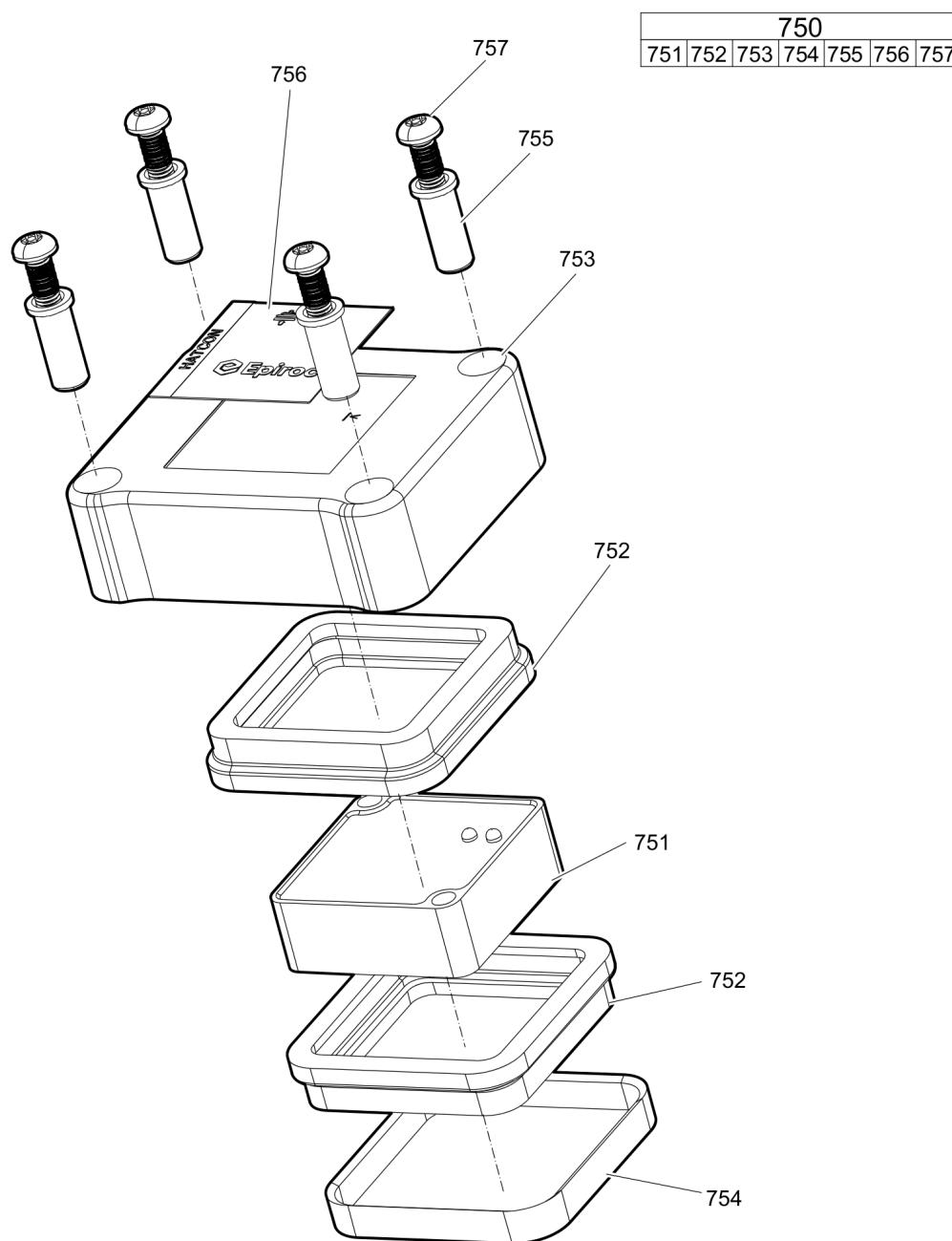
Item	Part No.	Name	Qty	L
934	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
937	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
938	-	ALLEN SCREW - 44 + 5 Nm (32 + 4 ft lbf)	-	

Comments for Page: Tightening torques

A | fix with Loctite 243

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Mechanical HATCON

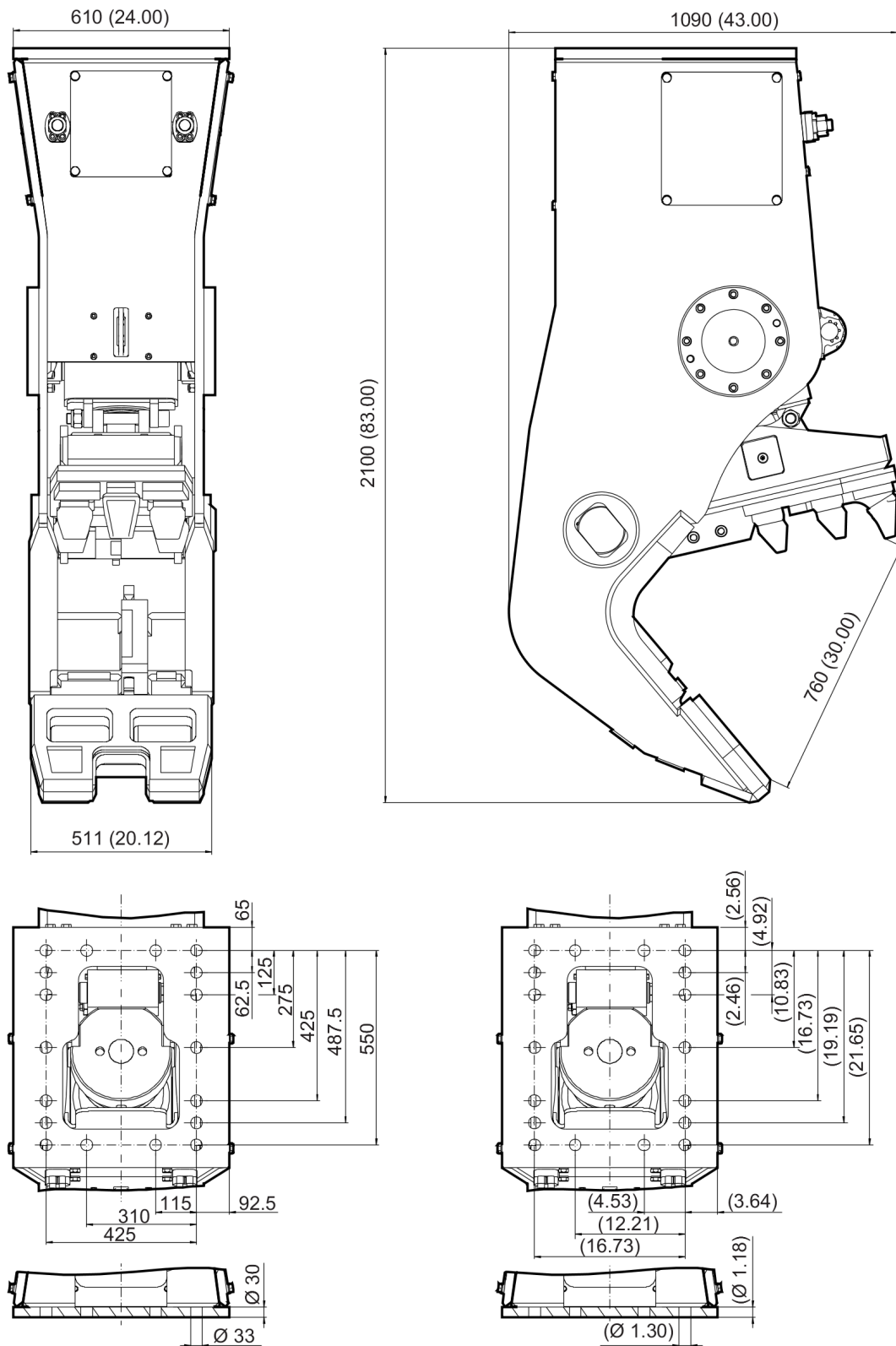


Item	Part No.	Name	Qty	L
750(751-757)		HATCON	1	A
751		TRACKING MODULE HATCON	1	
752	3315439130	DAMPER HATCON	2	
753	3315439110	HOUSING TYPE 1 HATCON	1	
754	3315439140	LOCK RING HATCON	1	
755	3315439120	SLEEVE HATCON	4	
756	3315439100	PRODUCT LABEL HATCON	1	
757	3315442600	SCREW HATCON	4	

Comments for Page: HATCON

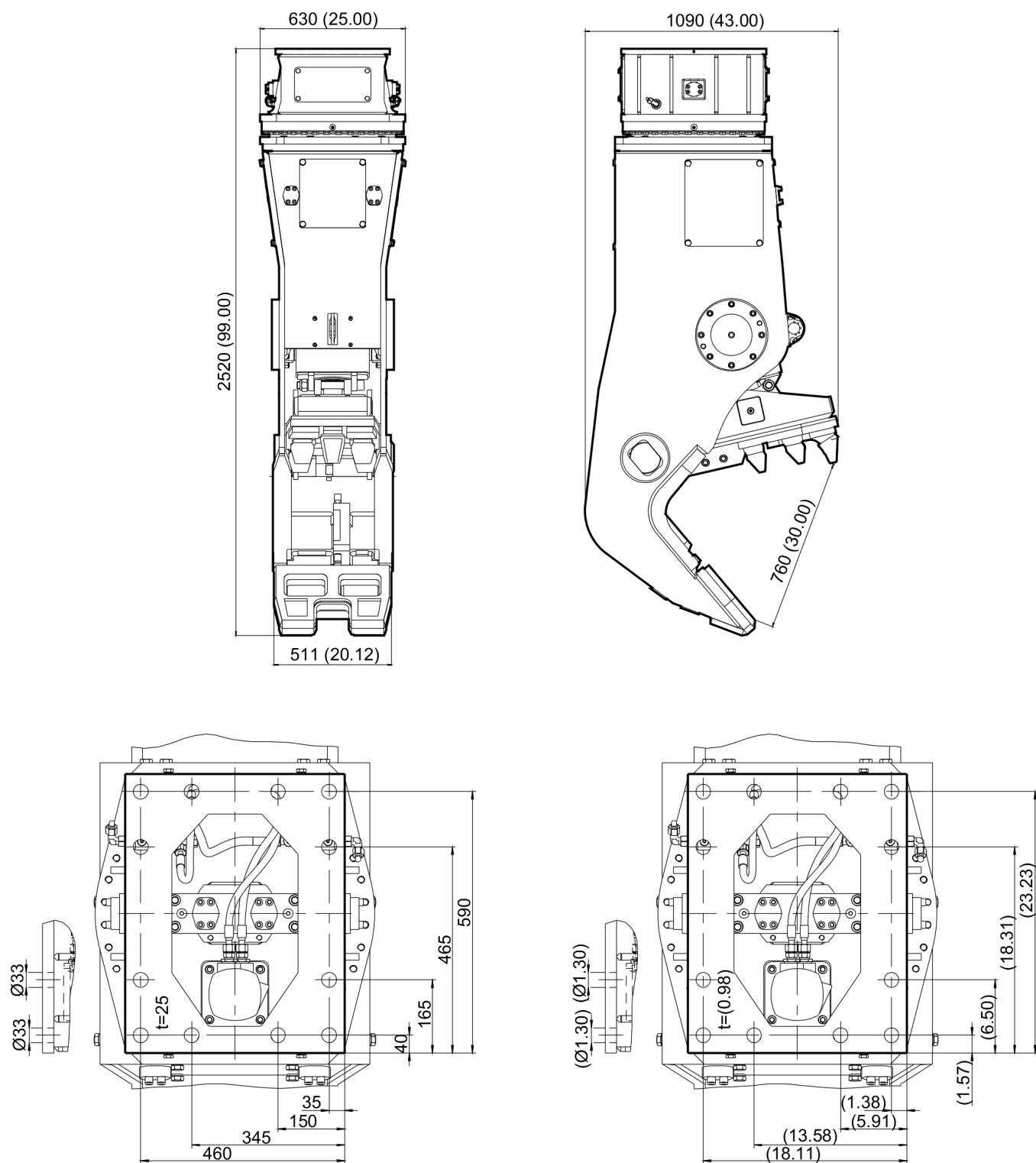
A | part number see chapter "Optional equipment"

Mechanical Dimensions BP 1650 R non rotating



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Mechanical Dimensions BP 1650 R rotating



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Options / accessories Hydraulic hoses - non rotating

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

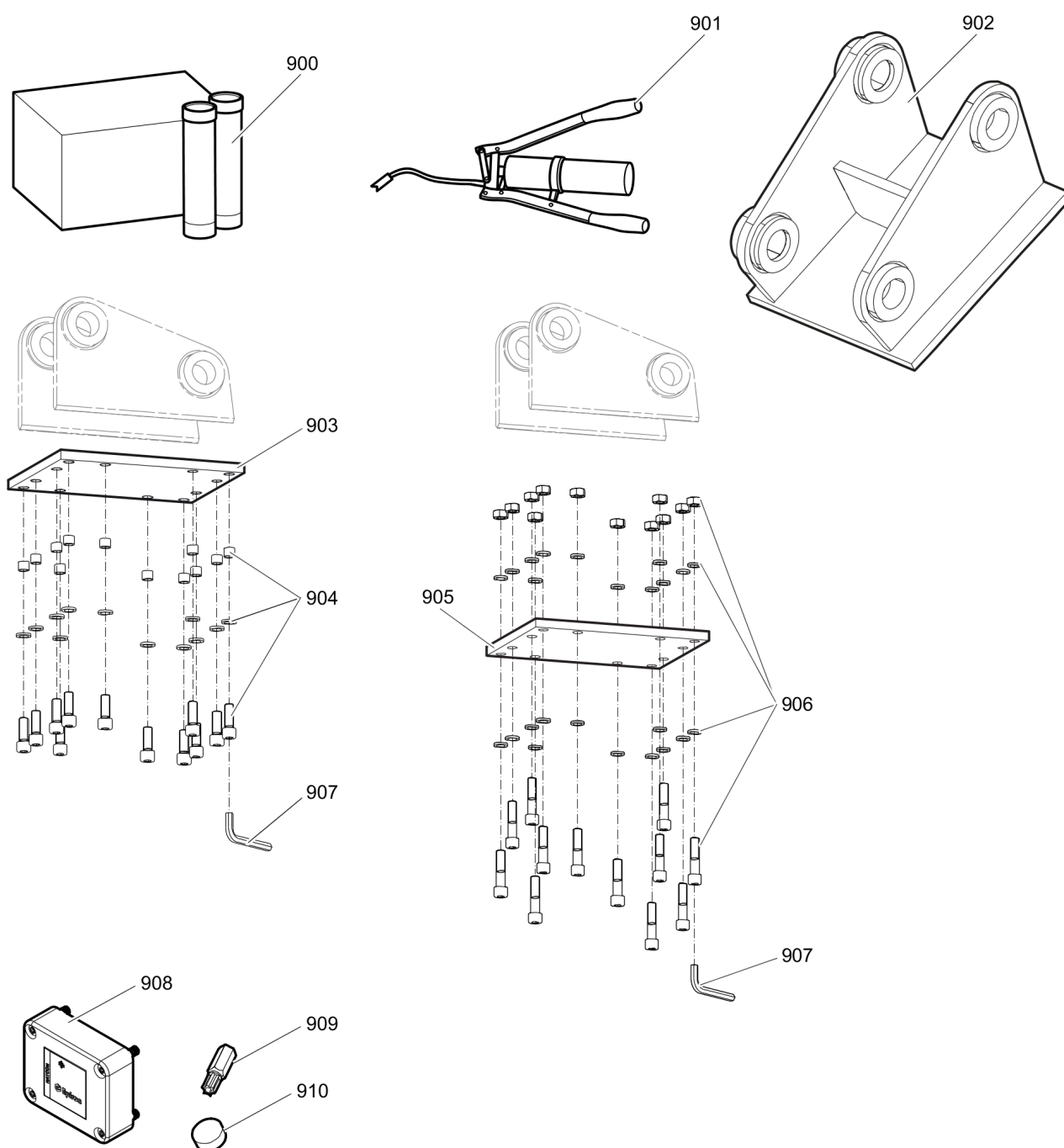
Item	Part No.	Name	Qty	L
-	3360332294	HYDRAULIC HOSE, I.D. 20 (0.79 in.), both ends M36 x 2 mm conical seal 24°, length 2,300 mm (90.5 in.)	2	
-	3363085947	HYDRAULIC HOSE, I.D. 20 (0.79 in.), both ends M36 x 2 mm conical seal 24°, length 2,800 mm (110.2 in.)	2	

Options / accessories Hydraulic hoses - rotating

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

Item	Part No.	Name	Qty	L
	-	Open - Close		
-	3363124692	HYDRAULIC HOSE, I.D. 20 (3/4"), , flange SAE 90° - 6000 PSI / M36 x 2, conical seal 24°, length 2300 mm (91 in.)	2	
-	3363124693	HYDRAULIC HOSE, I.D. 20 (3/4"), , flange SAE 90° - 6000 PSI / M36 x 2, conical seal 24°, length 2800 mm (110 in.)	2	
	-	Rotation		
-	3363031767	HYDRAULIC HOSE, I.D. 8 (3/8"), both ends M20 x 1.5 conical seal 24°, length 2800 mm (110 in.)	2	
-	3363034399	HYDRAULIC HOSE, I.D. 8 (3/8"), both ends M20 x 1.5 conical seal 24°, length 3500 mm (138 in.)	2	

Options / accessories Optional equipment 1

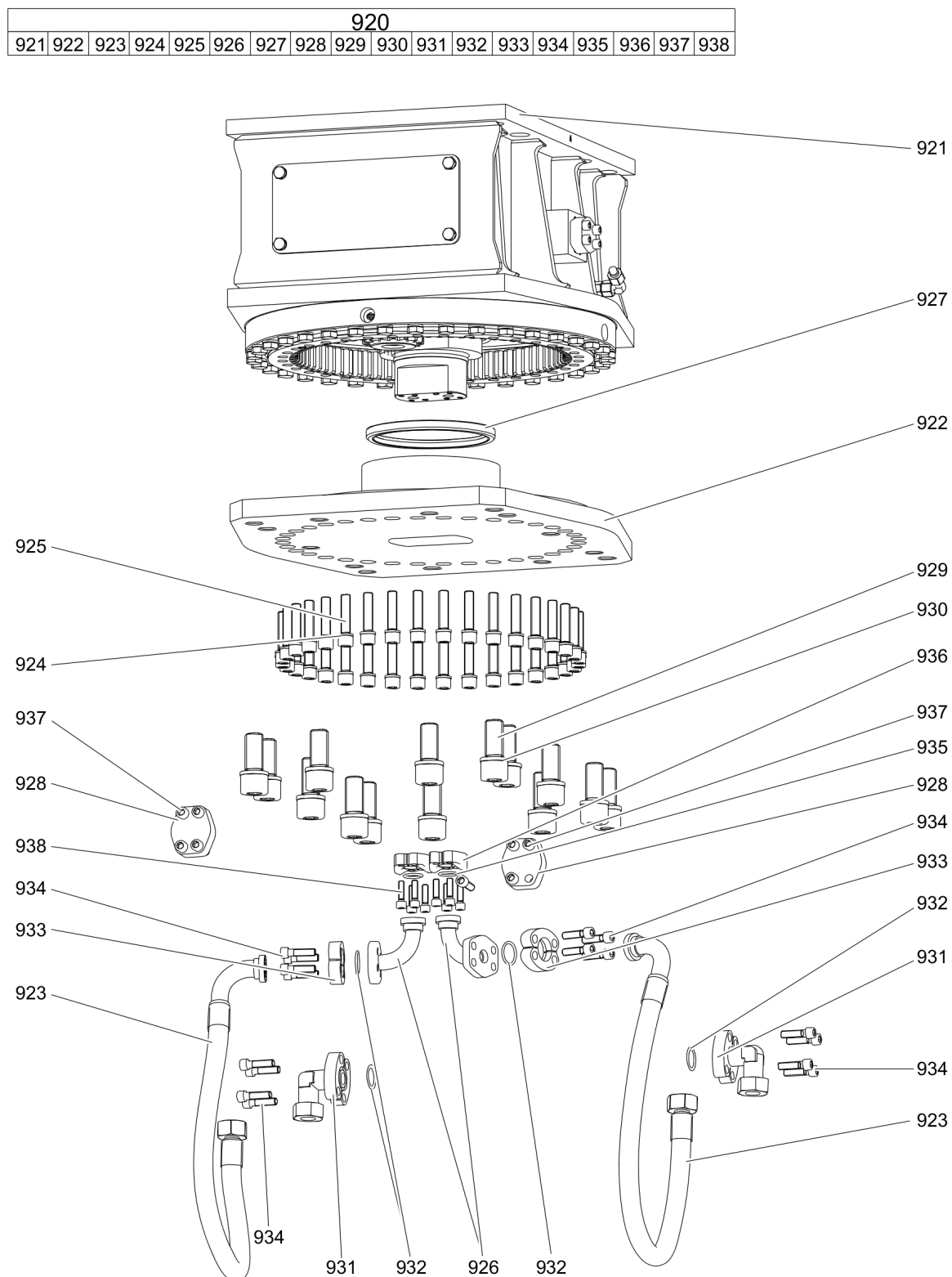


Item	Part No.	Name	Qty	L
900	3363094914	CUTTER GREASE CARTRIDGE, 12 x 400 g (0.88 lbs)	1	
901	0909107100	LUBRICAT.GUN	1	
902		ADAPTER PLATE matching the carrier. Consult the authorized Customer Center/Dealer in your area.	1	
903	3363099799	BASE PLATE WITH THREADED INSERTS	1	
904	3363087306	BOLT KIT	1	
905	3363100697	BASE PLATE WITH THROUGH BORINGS	1	
906	3363094579	BOLT KIT	1	
907	3360209445	ALLEN KEY (22 mm)	1	
908	3315442500	HATCON KIT 1 (3G)	1	A
909	3315439105	SECURITY BIT HATCON	1	
910	3315439106	MAGNET HATCON	1	

Comments for Page: Optional equipment 1

A | with item 909 and 910

Options / accessories Optional equipment 2



Item	Part No.	Name	Qty	L
920(921-938)	3363125942	ROTATION KIT	1	
921	3363125899	UPPER PART, complete	1	
922	3363125711	PLATE	1	
923	3363125717	HYDRAULIC HOSE	2	
924	3361333703	PAIR OF LOCK WASHERS	36	
925	3363034481	ALLEN SCREW	36	
926	3363125716	Fitting	2	
927	3363091934	ROTARY SHAFT SEAL	1	
928	3363034040	BLIND FLANGE	2	A
929	3360478750	ALLEN SCREW	14	
930	3361850747	PAIR OF LOCK WASHERS	14	
931	3362263593	FITTING, complete	2	
932	3360314370	O-RING	4	
933	3361853208	FLANGE HALF	4	
934	3360026513	ALLEN SCREW	16	
935	3360314549	O-RING	2	
936	3360995664	FLANGE HALF	4	
937	3360026512	ALLEN SCREW	8	
938	3360026393	ALLEN SCREW	8	

Comments for Page: Optional equipment 2

A | with item 937

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