

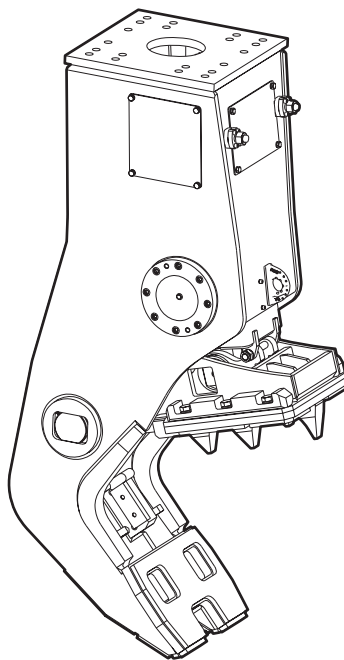
BP 3050, 3050 R

Spare parts list

Bulk pulverizer

BP 3050 s/n DEQ169179 -

BP 3050 R s/n DEQ169179 -



General information

This spare parts list applies to the following:

Part number	Description
3363111715	Bulk pulverizer BP 3050 non rotating
3363111960	Bulk pulverizer BP 3050 rotating
3363124937	Bulk pulverizer BP 3050 non rotating with HATCON (3G)
3363124938	Bulk pulverizer BP 3050 rotating with HATCON (3G)
3363126968	Bulk pulverizer BP 3050 non rotating with HATCON (LTE)
3363126969	Bulk pulverizer BP 3050 rotating with HATCON (LTE)

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
Kit list	3

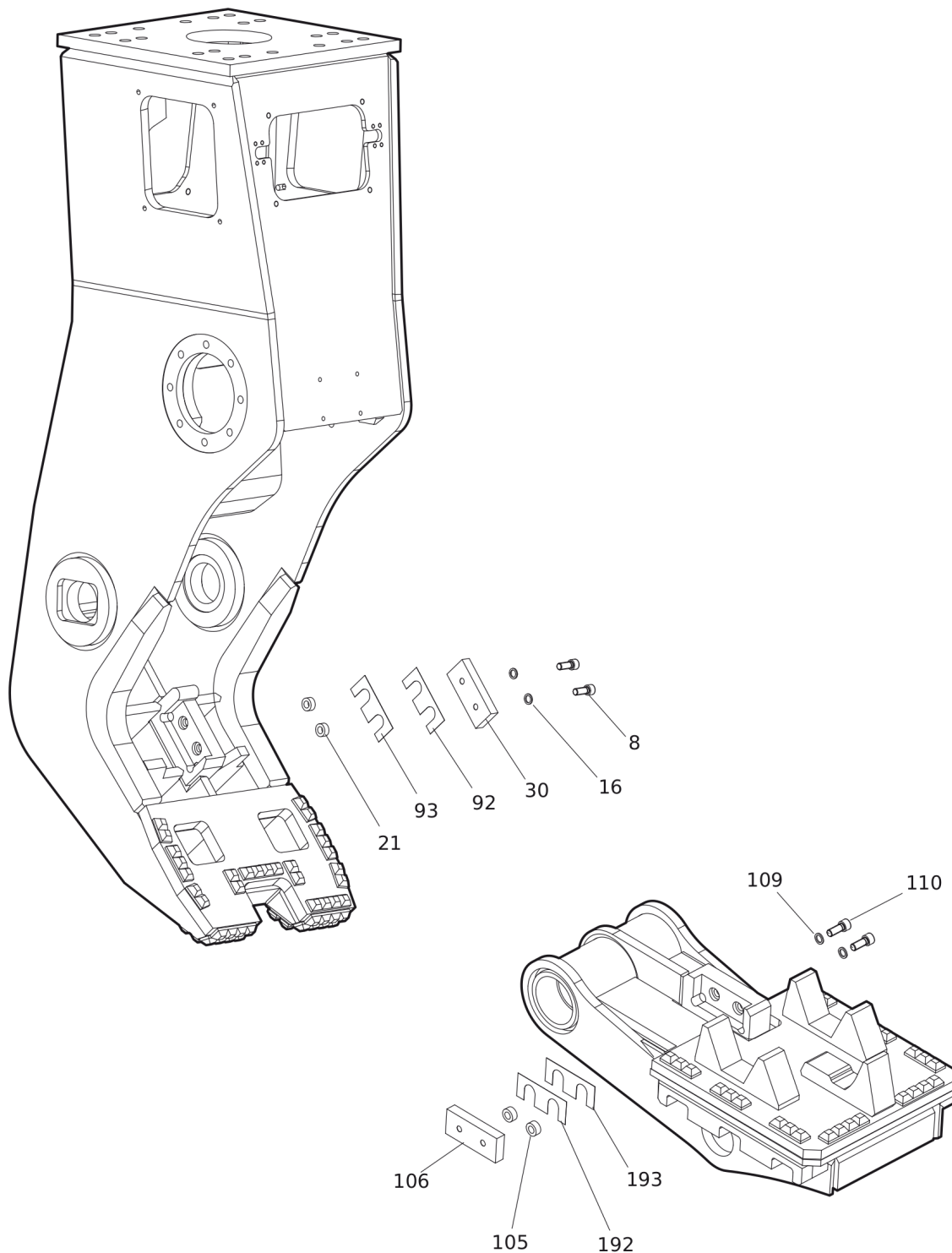
Mechanical

Bulk pulverizer BP 3050 non rotating	5
Bulk pulverizer BP 3050 rotating	8
Pulverizer jaw	12
Hydraulic cylinder	15
Upper part complete	17
Rotary transmission	20
HATCON	23
Tightening torques	25
Dimensions BP 3050 non rotating	27
Dimensions BP 3050 rotating	28

Options / accessories

Hydraulic hoses - non rotating	30
Hydraulic hoses - rotating	33
Optional equipment 1	35
Optional equipment 2	37

Service, repair and wear part kits Cutter blades kit



Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Nov 14 08:40:41 UTC 2024

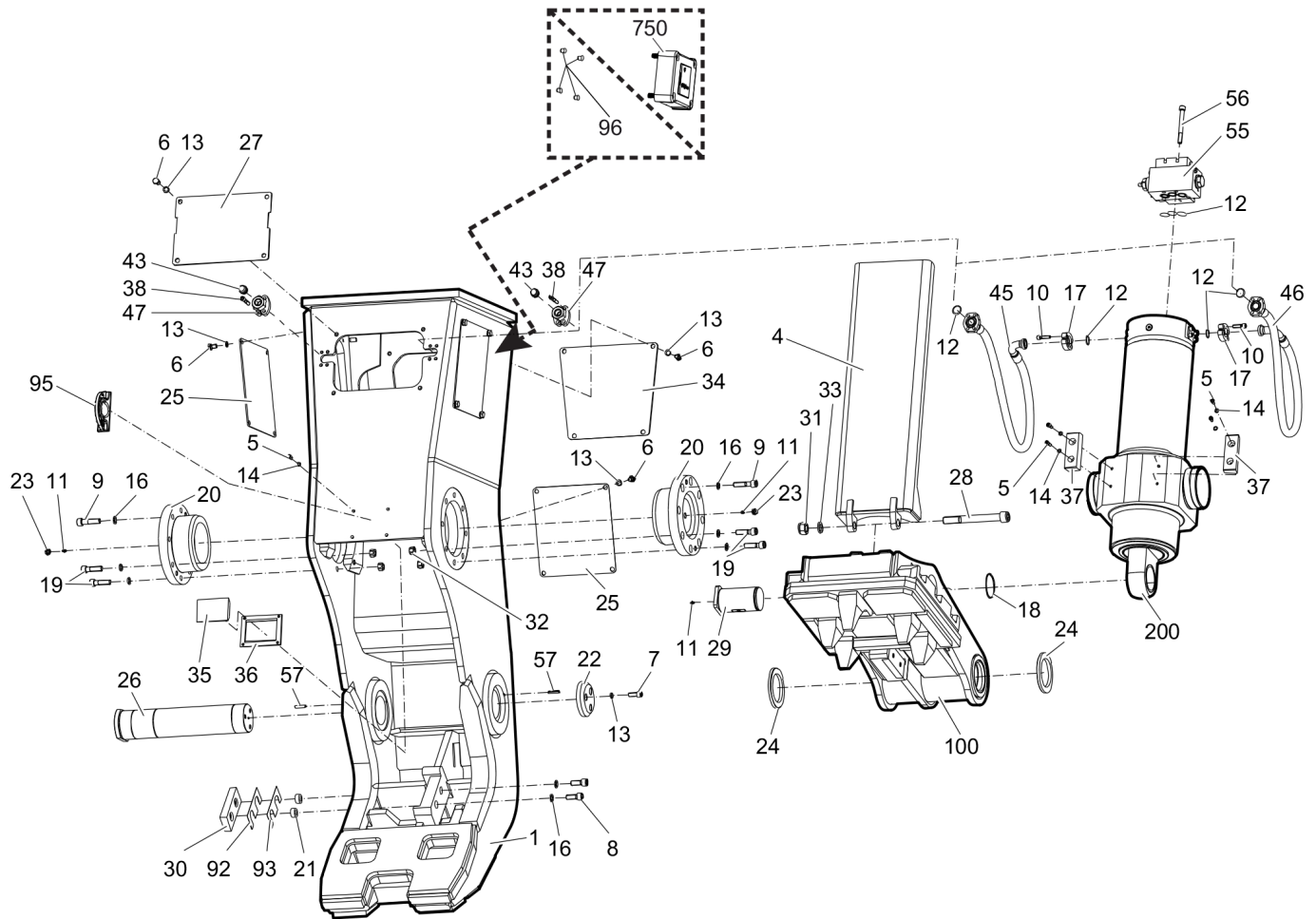
Item	Part No.	Name	Qty	L
KIT	3363112463	CUTTER BLADES KIT	1	
8	3360106092	ALLEN SCREW	2	
16	3361850748	PAIR OF LOCK WASHERS	2	
21	3363035107	LOCK RING	2	
30	3363086455	CUTTER BLADE	1	
92	3363092403	SHIM	1	
93	3363091026	SHIM	1	
105	3363035107	LOCK RING	2	
106	3363086455	CUTTER BLADE	1	
109	3361850748	PAIR OF LOCK WASHERS	2	
110	3360106092	ALLEN SCREW	2	
192	3363092403	SHIM	1	
193	3363091026	SHIM	1	

Service, repair and wear part kits Kit list

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

Item	Part No.	Name	Qty	L
KIT	3363112466	LABEL KIT	1	
KIT	3363126309	SEAL KIT (Hydraulic motor and housing)	1	
KIT	3363113168	SEAL KIT (Rapid movement valve)	1	

Mechanical Bulk pulverizer BP 3050 non rotating



Item	Part No.	Name	Qty	L
1	3363119420	HOUSING	1	A
4	3363112733	PROTECTIVE SHEATH	1	
5	3360103745	ALLEN SCREW	8	
6	3360105141	HEXAGON HEAD BOLT	20	
7	3360106079	ALLEN SCREW	3	
8	3360106092	ALLEN SCREW	2	
9	3360106098	ALLEN SCREW	12	
10	3360026513	ALLEN SCREW	8	
11	3360209834	GREASE NIPPLE	3	
12	3360314370	O-RING	7	
13	3361333703	PAIR OF LOCK WASHERS	23	
14	3361850745	PAIR OF LOCK WASHERS	8	
16	3361850748	PAIR OF LOCK WASHERS	18	
17	3361853208	FLANGE HALF	4	
18	3362328072	LOCK RING	1	
19	3362328117	ALLEN SCREW	4	
20	3363088851	CAP	2	
21	3363035107	LOCK RING	2	
22	3363069911	CAP	1	
23	3363070084	THREADED PLUG	2	
24	3363070088	DISK	2	
25	3363082455	PLATE	3	
26	3363082491	BOLT	1	
27	3363112732	PLATE	1	
28	3363111908	ALLEN SCREW	1	
29	3363086439	BOLT	1	
30	3363086455	CUTTER BLADE	1	
31	3363122939	HEXAGON NUT	1	
32	3363087619	HEXAGON NUT	4	
33	3360108520	DISK	1	
34	3363088269	PLATE	1	
35	3363088385	GUIDE PART	1	
36	3363088387	SUPPORT	1	
37	3363088389	GUIDE PART	2	
38	3360026518	ALLEN SCREW	8	
43	3361031956	PLUG	2	
45	3363111915	HYDRAULIC HOSE	1	

Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Nov 14 08:40:42 UTC 2024

Item	Part No.	Name	Qty	L
46	3363112218	HYDRAULIC HOSE	1	
47	3363083083	HOSE CONNECTION	2	
55	3363103691	RAPID MOVEMENT VALVE	1	
56	3363091092	ALLEN SCREW	4	
57	3363098104	SPRING DOWEL SLEEVE	2	
92	3363092403	SHIM	1	B
93	3363091026	SHIM	1	C
95	3363111994	LIFTING EYE	1	D
96	3315439145	PROTECTIVE PLUG HATCON	4	E
100	3363112730	PULVERIZER JAW, complete	1	F
200	3363112731	HYDRAULIC CYLINDER	1	F
750		HATCON	1	G

Comments for Page: Bulk pulverizer BP 3050 non rotating

(L)OCAL REMARKS

A | with item 95 and 96

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

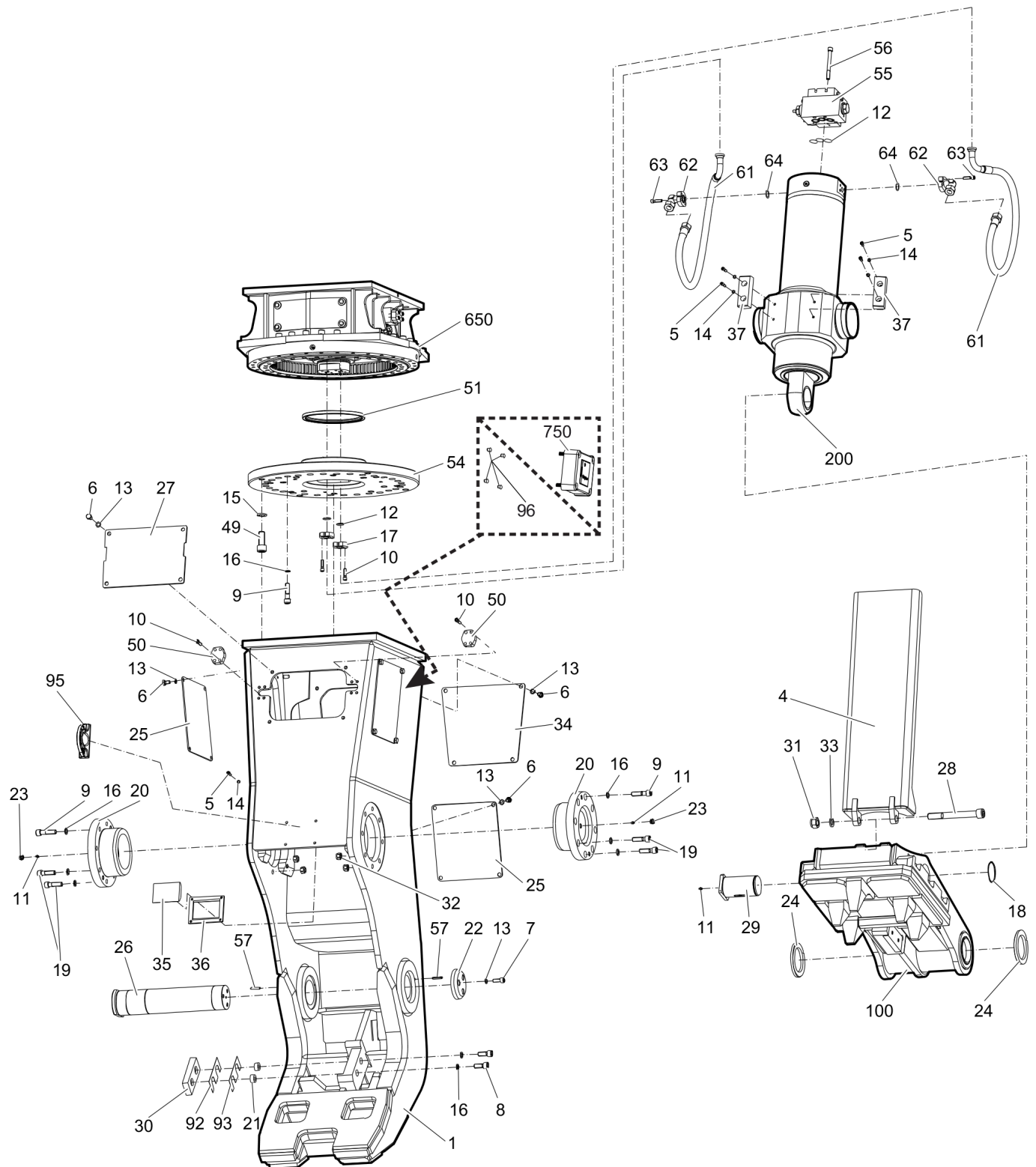
E | only for hydraulic pulverizers without HATCON

F | see separate chapter

G | only for hydraulic pulverizers with HATCON / see separate chapter

This page intentionally left blank

Mechanical Bulk pulverizer BP 3050 rotating



Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Nov 14 08:40:43 UTC 2024

Item	Part No.	Name	Qty	L
1	3363119420	HOUSING	1	A
4	3363112733	PROTECTIVE SHEATH	1	
5	3360103745	ALLEN SCREW	8	
6	3360105141	HEXAGON HEAD BOLT	20	
7	3360106079	ALLEN SCREW	3	
8	3360106092	ALLEN SCREW	2	
9	3360106098	ALLEN SCREW	44	
10	3360026513	ALLEN SCREW	16	
11	3360209834	GREASE NIPPLE	3	
12	3360314370	O-RING	5	
13	3361333703	PAIR OF LOCK WASHERS	23	
14	3361850745	PAIR OF LOCK WASHERS	8	
15	3361850747	PAIR OF LOCK WASHERS	16	
16	3361850748	PAIR OF LOCK WASHERS	50	
17	3361853208	FLANGE HALF	4	
18	3362328072	LOCK RING	1	
19	3362328117	ALLEN SCREW	4	
20	3363088851	CAP	2	
21	3363035107	LOCK RING	2	
22	3363069911	CAP	1	
23	3363070084	THREADED PLUG	2	
24	3363070088	DISK	2	
25	3363082455	PLATE	3	
26	3363082491	BOLT	1	
27	3363112732	PLATE	1	
28	3363111908	ALLEN SCREW	1	
29	3363086439	BOLT	1	
30	3363086455	CUTTER BLADE	1	
31	3363122939	HEXAGON NUT	1	
32	3363087619	HEXAGON NUT	4	
33	3360108520	DISK	1	
34	3363088269	PLATE	1	
35	3363088385	GUIDE PART	1	
36	3363088387	SUPPORT	1	
37	3363088389	GUIDE PART	2	
49	3363083003	ALLEN SCREW	16	
50	3363034040	BLIND FLANGE	2	B

Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Nov 14 08:40:43 UTC 2024

Item	Part No.	Name	Qty	L
51	3363070083	SEAL	1	
54	3363111963	Plate	1	
55	3363103691	RAPID MOVEMENT VALVE	1	
56	3363091092	ALLEN SCREW	4	
57	3363098104	SPRING DOWEL SLEEVE	2	
61	3363117256	HYDRAULIC HOSE	2	
62	3362263593	FITTING, complete	2	C
63	3360026513	ALLEN SCREW	8	
64	3360314370	O-RING	2	
92	3363092403	SHIM	1	D
93	3363091026	SHIM	1	E
95	3363111994	LIFTING EYE	1	F
96	3315439145	PROTECTIVE PLUG HATCON	4	G
100	3363112730	PULVERIZER JAW, complete	1	H
200	3363112731	HYDRAULIC CYLINDER	1	H
650	3363104175	UPPER PART, complete	1	H
750		HATCON	1	I

Comments for Page: Bulk pulverizer BP 3050 rotating

(L)OCAL REMARKS

A | with item 95 and 96

B | with 4 times item 10

C | with 4 times item 63 and 1 times item 64

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

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

F | professional welding process necessary

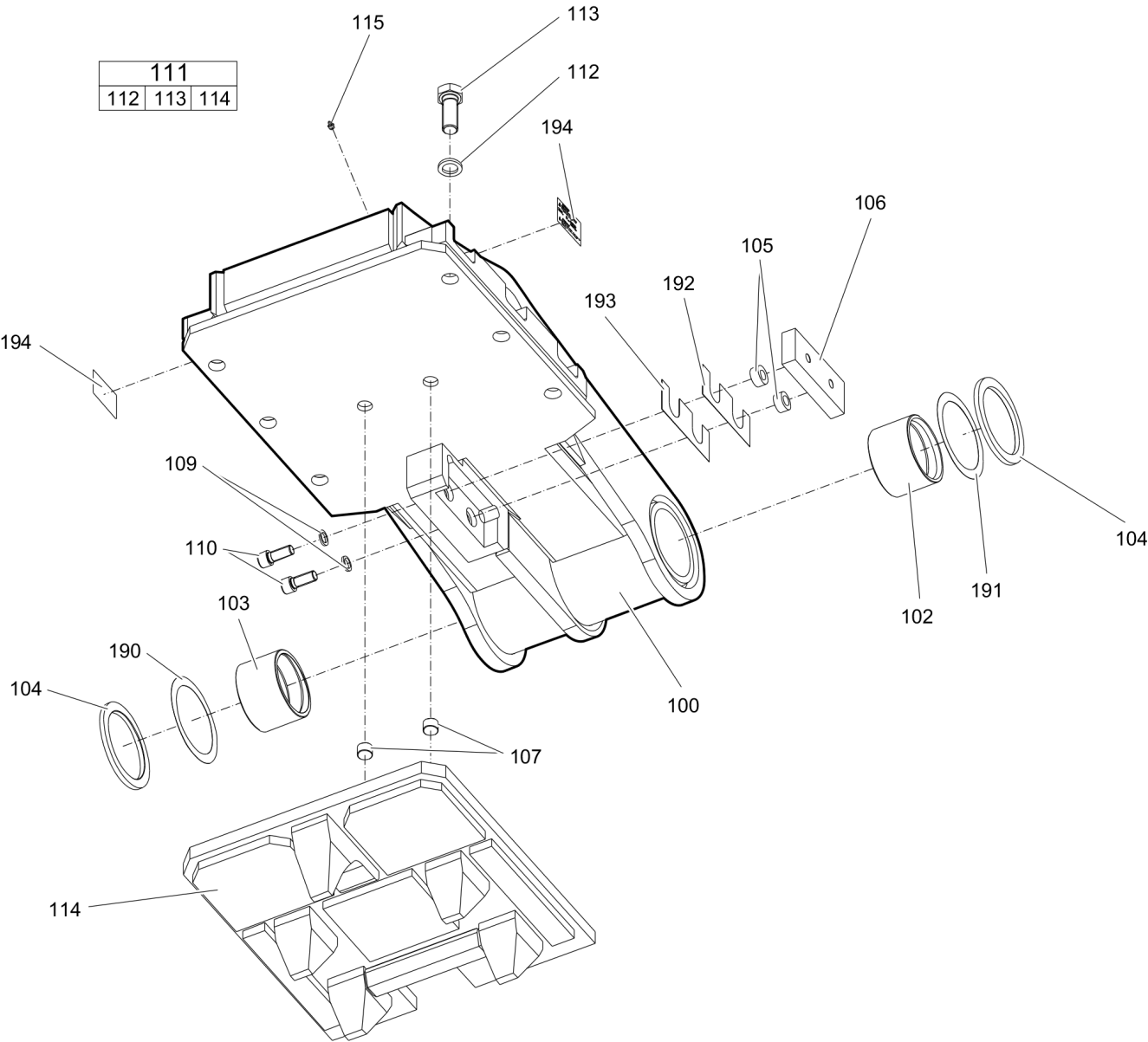
G | only for hydraulic pulverizers without HATCON

H | see separate chapter

I | only for hydraulic pulverizers with HATCON / see separate chapter

This page intentionally left blank

Mechanical Pulverizer jaw



Item	Part No.	Name	Qty	L
100	3363112730	PULVERIZER JAW, complete	1	A
102	3363069865	BEARING BUSH	1	
103	3363069867	BEARING BUSH	1	
104	3363070089	DISK	2	
105	3363035107	LOCK RING	2	
106	3363086455	CUTTER BLADE	1	
107	3363086441	LOCK PIN	2	
109	3361850748	PAIR OF LOCK WASHERS	2	
110	3360106092	ALLEN SCREW	2	
111(112-114)	3363119588	TOOTH PLATE, complete	1	
112	3361850747	PAIR OF LOCK WASHERS	6	
113	3363111871	HEXAGON HEAD BOLT	6	
114		TOOTH PLATE	1	B
115	3360209834	GREASE NIPPLE	1	
190	3363111884	SPACER RING	1	C
191	3363070090	SPACER RING	1	D
192	3363092403	SHIM	1	C
193	3363091026	SHIM	1	E
194	3362268751	LABEL TIGHTENING TORQUE	2	F

Comments for Page: Pulverizer jaw

(L)OCAL REMARKS

A | with parts item 102 to 113

B | with parts item 196 and 197

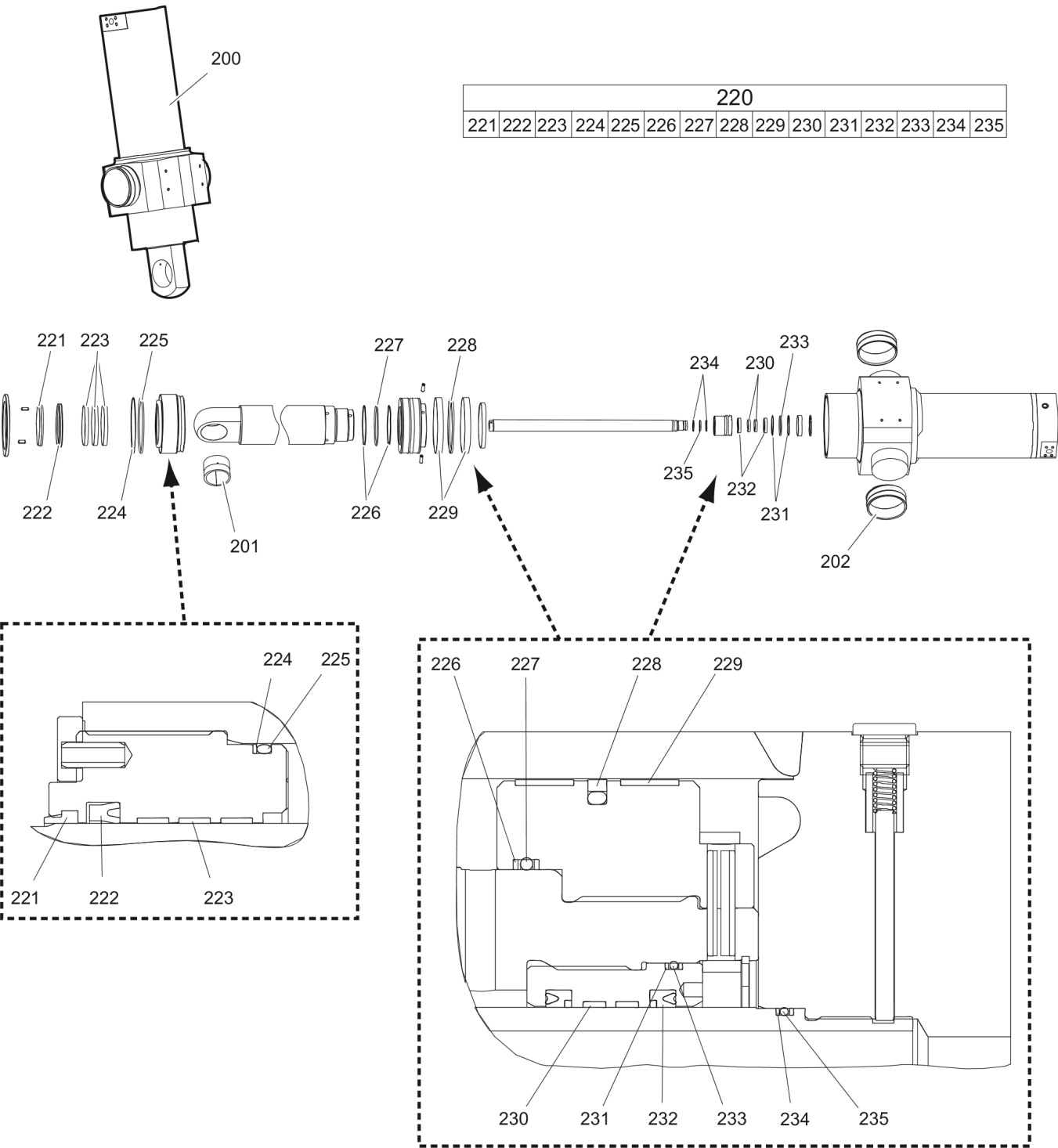
C | 0.2 mm (0.01 in.) thick, as required

D | 0.5 mm (0.02 in.) thick, as required

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

F | German/English

Mechanical Hydraulic cylinder



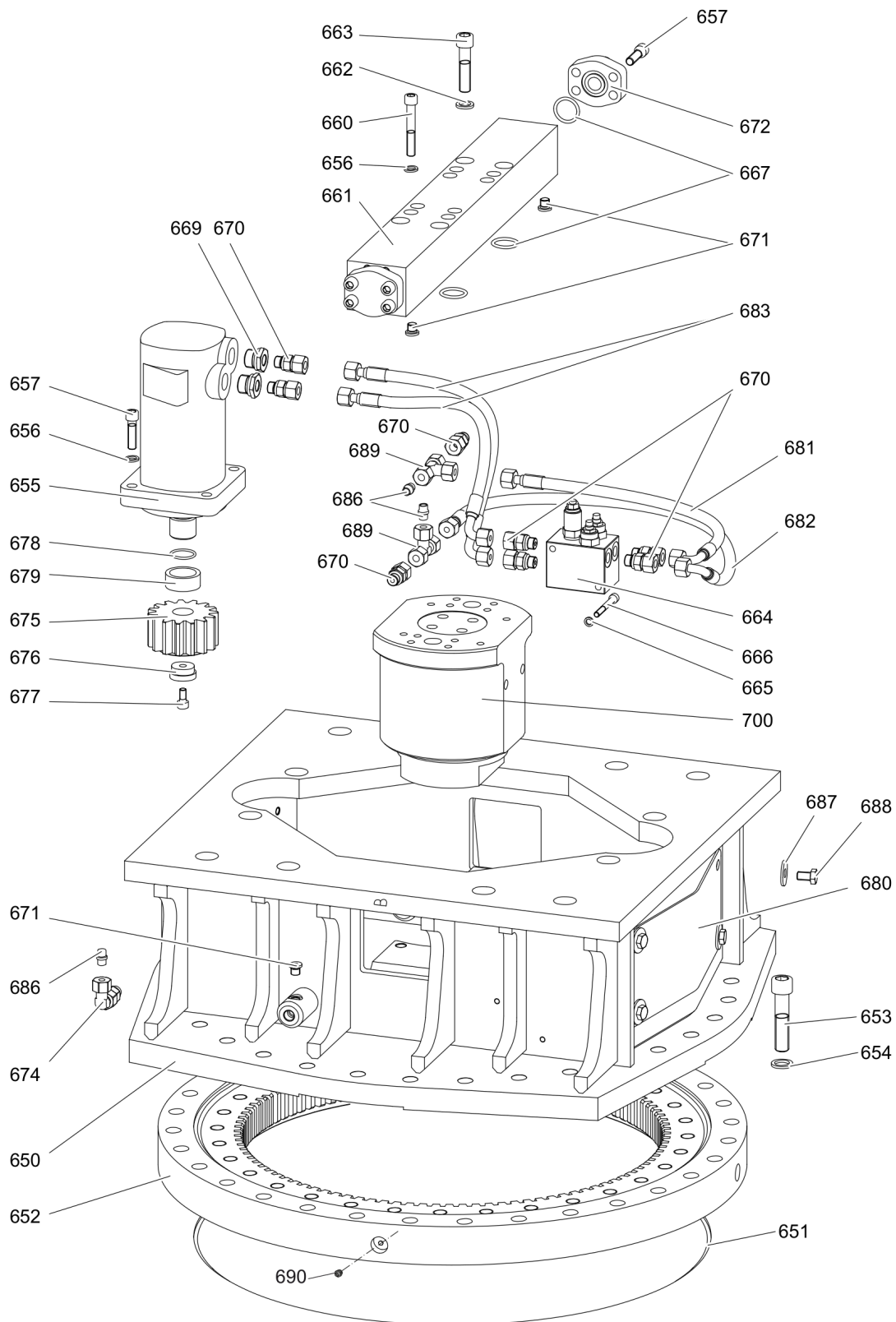
Item	Part No.	Name	Qty	L
200	3363112731	HYDRAULIC CYLINDER	1	A
201	3363112970	CLAMPING BUSH	1	
202	3363069873	CLAMPING BUSH	2	
220(221-235)	3363112987	SEAL KIT (Hydraulic cylinder)	1	
221		WIPER	1	
222		SEAL	1	
223		GUIDE RING	3	
224		BACK-UP RING	1	
225		O-RING	1	
226		BACK-UP RING	2	
227		O-RING	1	
228		SEAL	1	
229		GUIDE RING	2	
230		GUIDE RING	2	
231		BACK-UP RING	2	
232		SEAL	2	
233		O-RING	1	
234		BACK-UP RING	2	
235		O-RING	1	

Comments for Page: Hydraulic cylinder

(L)OCAL REMARKS

A | with parts item 201 to 235

Mechanical Upper part complete



Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Nov 14 08:40:45 UTC 2024

Item	Part No.	Name	Qty	L
650	3363104175	UPPER PART, complete	1	A
651	3363129329	SEAL	1	
652	3363070082	FOUR POINT BEARING	1	
653	3360106099	ALLEN SCREW	28	
654	3361850748	PAIR OF LOCK WASHERS	28	
655	3363098967	HYDRAULIC MOTOR	1	
656	3361850596	PAIR OF LOCK WASHERS	12	
657	3360026513	ALLEN SCREW	12	
660	3363034429	ALLEN SCREW	8	
661	3363104173	CONNECTION PLATE	1	
662	3361333703	PAIR OF LOCK WASHERS	4	
663	3360026646	ALLEN SCREW	4	
664	3362266712	VALVE BLOCK	1	
665	3361850743	PAIR OF LOCK WASHERS	2	
666	3360103738	ALLEN SCREW	2	
667	3360314370	O-RING	4	
669	3362267435	FITTING	2	
670	3360478333	FITTING	8	
671	3360478439	THREADED PLUG	4	
672	3363034040	BLIND FLANGE	2	
674	3363091912	FITTING	2	
675	3362260807	SPUR PINION	1	
676	3363088327	RING	1	
677	3361031981	ALLEN SCREW	1	
678	3360313304	O-RING	1	
679	3362265869	RING	1	
680	3363104171	COVER SHEET	2	
681	3363083970	HYDRAULIC HOSE	1	
682	3363085884	HYDRAULIC HOSE	1	
683	3363085885	HYDRAULIC HOSE	2	
686	3360314593	PLUG	4	
687	3362328082	WASHER	8	
688	3360433381	HEXAGON HEAD BOLT	8	
689	3360314543	FITTING	2	
690	3360209834	GREASE NIPPLE	4	
700	3363033685	ROTARY TRANSMISSION	1	B

Comments for Page: Upper part complete

Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Nov 14 08:40:45 UTC 2024

(L)OCAL REMARKS

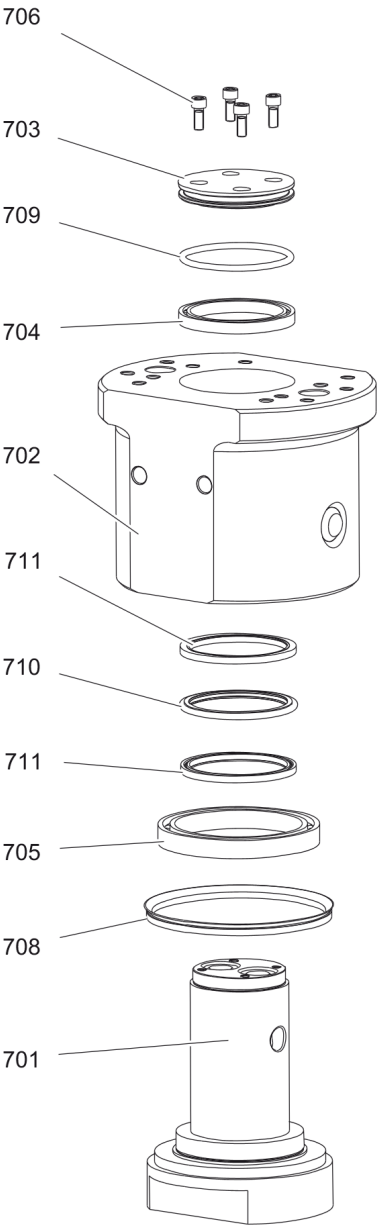
A | with item 652 - 700

B | see separate chapter

This page intentionally left blank

Mechanical Rotary transmission

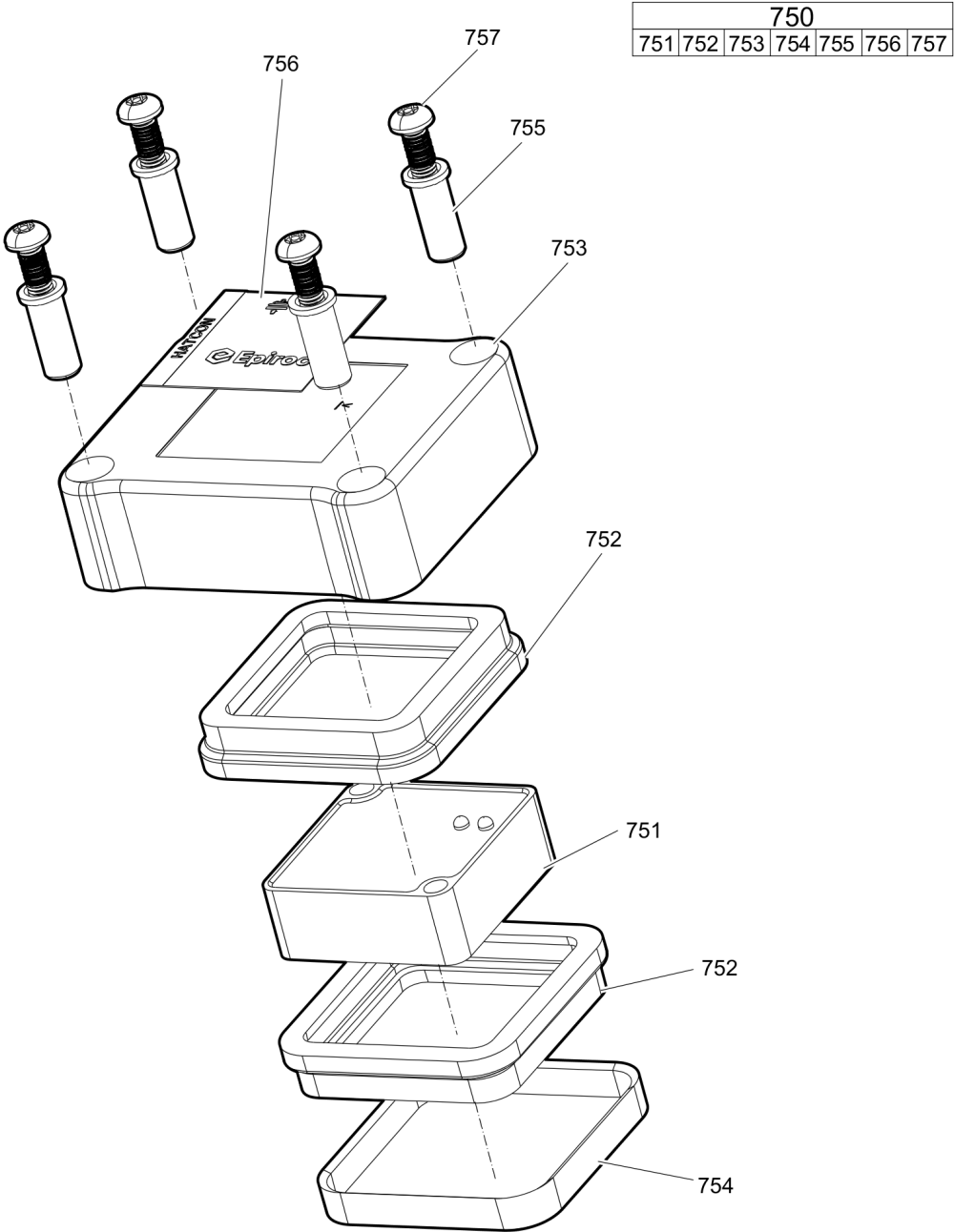
700						
701	702	703	704	705	706	707



707			
708	709	710	711

Item	Part No.	Name	Qty	L
700(701-707)	3363033685	ROTARY TRANSMISSION	1	
701	3363034316	ROTOR	1	
702	3363034317	STATOR	1	
703	3363034318	CAP	1	
704	3363034319	BALL BEARING	1	
705	3363034320	BALL BEARING	1	
706	3363034325	ALLEN SCREW	4	
707(708-711)	3363083066	SEAL KIT (Rotary transmission)	1	
708		V-RING	1	
709		O-RING	1	
710		SLIDE RING	1	
711		SEAL	2	

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 Tightening torques

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

Item	Part No.	Name	Qty	L
5	-	ALLEN SCREW - 44 + 5 Nm (32 + 4 ft lbf)	-	
6	-	HEXAGON HEAD BOLT - 180 + 20 Nm (133 + 15 ft lbf)	-	
7	-	ALLEN SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
8	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	
9	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	
10	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
19	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	
23	-	THREADED PLUG - 80 + 20 Nm (59 + 15 ft lbf)	-	
28	-	ALLEN SCREW - 100 + 10 Nm (74 + 7 ft lbf)	-	
38	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
49	-	ALLEN SCREW - 1850 + 50 Nm (1364 + 37 ft lbf)	-	
56	-	ALLEN SCREW - 250 + 20 Nm (184 + 15 ft lbf)	-	
110	-	HEXAGONAL NUT - 530 + 30 Nm (391 + 22 ft lbf)	-	
113	-	HEXAGON HEAD BOLT - 1300 + 50 Nm (959 + 37 ft lbf)	-	
653	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	
657	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
660	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
663	-	ALLEN SCREW - 180 + 20 Nm (133 + 15 ft lbf)	-	
666	-	ALLEN SCREW - 19 + 5 Nm (14 + 4 ft lbf)	-	
669	-	FITTING - 150 + 20 Nm (111 + 15 ft lbf)	-	
670	-	FITTING - 70 + 10 Nm (52 + 7 ft lbf)	-	
674	-	FITTING - 70 + 10 Nm (52 + 7 ft lbf)	-	
677	-	ALLEN SCREW - 75 Nm (18 ft lbf)	-	A
686	-	PLUG - 70 + 10 Nm (52 + 7 ft lbf)	-	
688	-	HEXAGON HEAD BOLT - 75 + 10 Nm (55 + 7 ft lbf)	-	
689	-	FITTING - 70 + 10 Nm (52 + 7 ft lbf)	-	
706	-	ALLEN SCREW - 25 Nm (18 ft lbf)	-	
757	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
931	-	ALLEN SCREW - 1850 + 50 Nm (1364 + 37 ft lbf)	-	
932	-	ALLEN SCREW - 100 + 10 Nm (74 + 7 ft lbf)	-	
933	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	

Comments for Page: Tightening torques

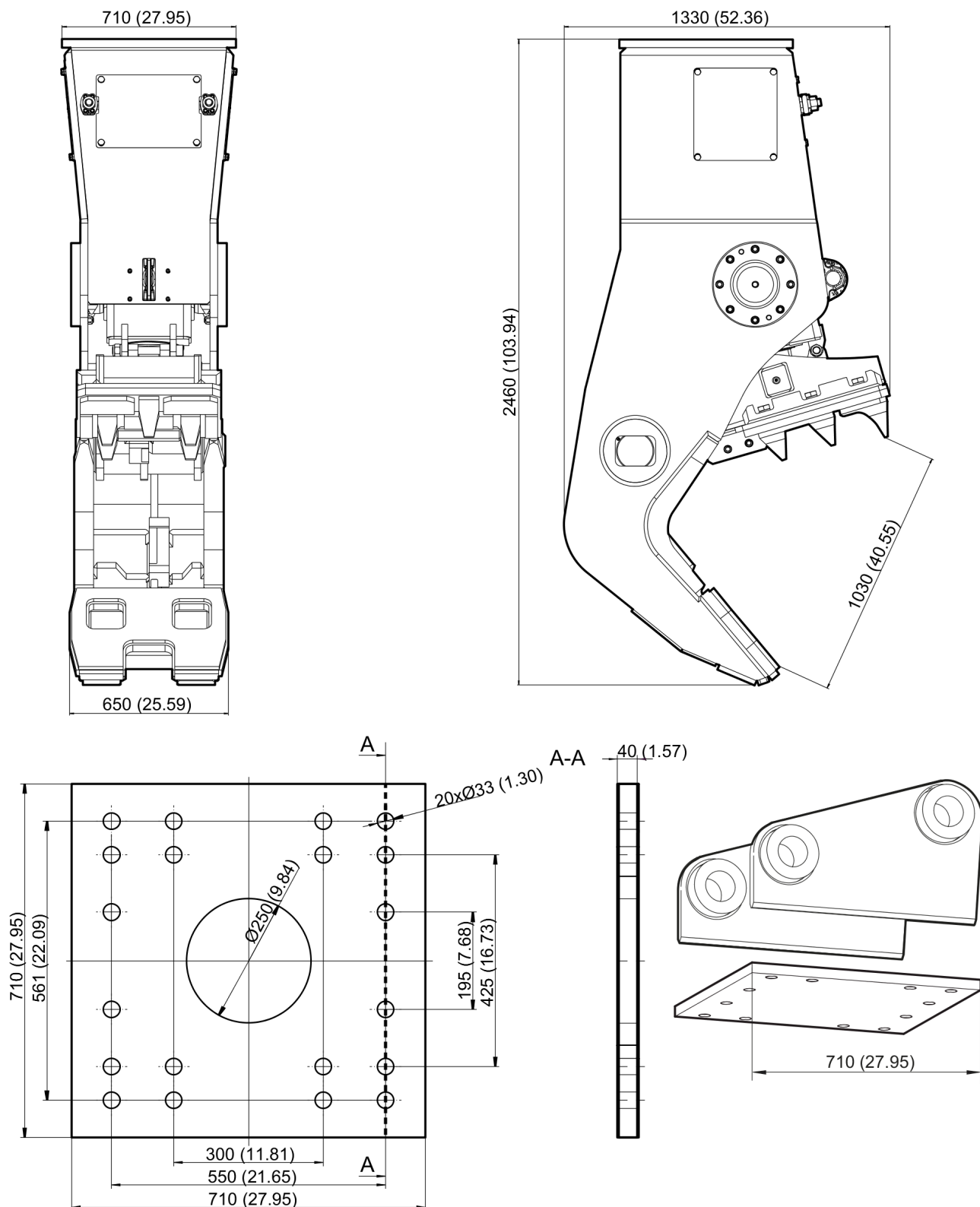
(L)OCAL REMARKS

A | fix with Loctite 243

Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Nov 14 08:40:48 UTC 2024

Mechanical Dimensions BP 3050 non rotating



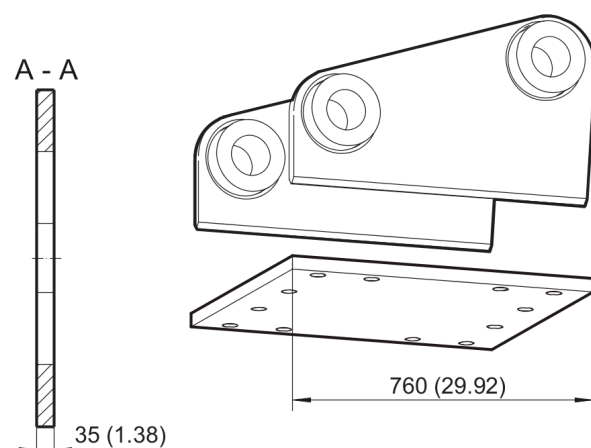
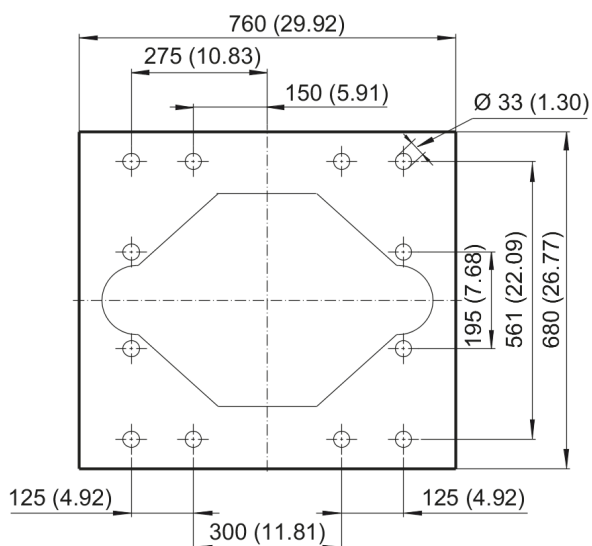
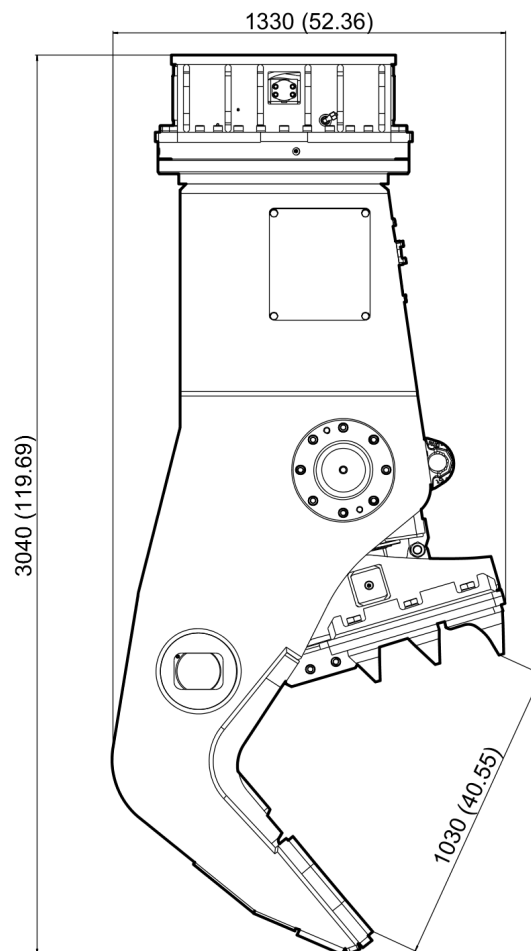
Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Nov 14 08:40:48 UTC 2024

This page intentionally left blank

870 (34.25)

650 (25.59)



Thu Nov 14 08:40:49 UTC 2024

This page intentionally left blank

Options / accessories Hydraulic hoses - non rotating

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

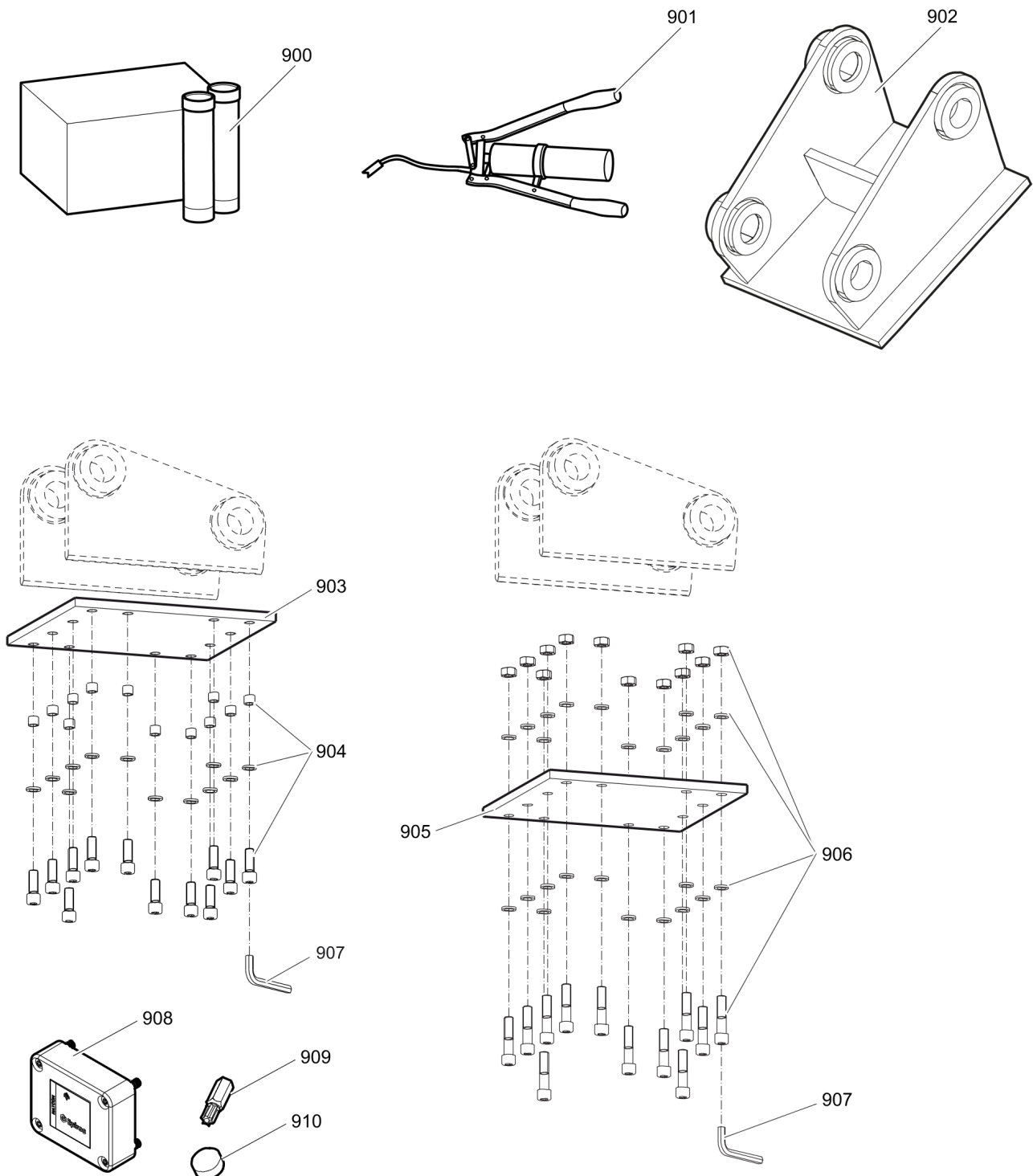
Item	Part No.	Name	Qty	L
-	3360992340	HYDRAULIC HOSE, I.D. 25 (1"), both ends M42 x 2 conical seal 24°, length 2300 mm (91 in.)	2	
-	3361853859	HYDRAULIC HOSE, I.D. 25 (1"), both ends M42 x 2 conical seal 24°, length 2800 mm (110 in.)	2	

Options / accessories Hydraulic hoses - rotating

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

Item	Part No.	Name	Qty	L
	-	Open - Close	1	
-	3363094645	HYDRAULIC HOSE, I.D. 25 (1"), , flange SAE 90° - 6000 PSI / M42 x 2, conical seal 24°, length 2300 mm (91 in.)	2	
-	3363094646	HYDRAULIC HOSE, I.D. 25 (1"), , flange SAE 90° - 6000 PSI / M42 x 2, conical seal 24°, length 2800 mm (110 in.)	2	
	-	Rotation	1	
-	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	3363099795	BASE PLATE WITH THREADED INSERTS	1	
904	3363087306	BOLT KIT	1	
905	3363100699	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
908	3315442520	HATCON KIT 1 (LTE)	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

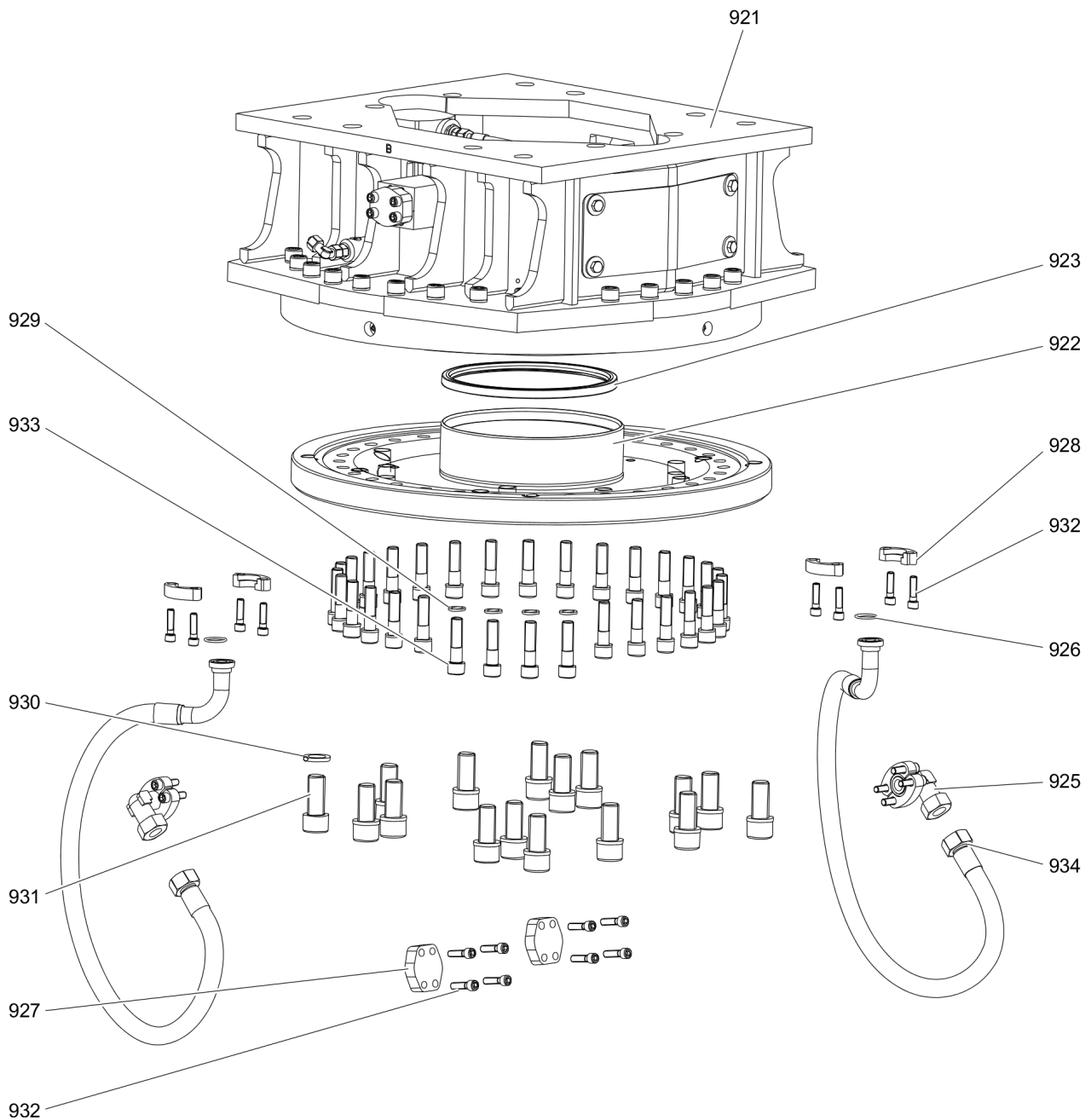
Pulverizers are factory equipped with threads for attaching Retrofit kit HATCON

from s/n DEQ219189 - (BP 3050)

from s/n DEQ219156 - (BP 3050 R)

from s/n DEQ219220 - (DP 2800)

Options / accessories Optional equipment 2



Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Nov 14 08:40:51 UTC 2024

Item	Part No.	Name	Qty	L
920(921-934)	3363113133	ROTATION KIT	1	
921	3363104175	UPPER PART, complete	1	
922	3363111963	Plate	1	
923	3363070083	SEAL	1	
925	3362263593	FITTING, complete	2	
926	3360314370	O-RING	2	
927	3363034040	BLIND FLANGE	2	
928	3361853208	FLANGE HALF	4	
929	3361850748	PAIR OF LOCK WASHERS	32	
930	3361850747	PAIR OF LOCK WASHERS	16	
931	3363083003	ALLEN SCREW	16	
932	3360026513	ALLEN SCREW	16	
933	3360106098	ALLEN SCREW	32	
934	3363117256	HYDRAULIC HOSE	2	

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.