

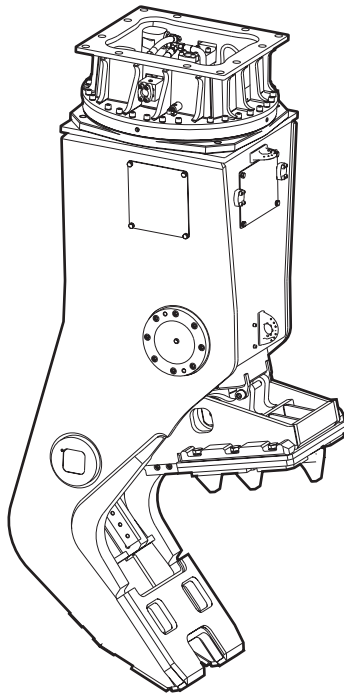
BP 4050, 4050 R

Spare parts list

Bulk pulverizer

BP 4050 s/n DEQ239233 -

BP 4050 R s/n DEQ239233 -



General information

This spare parts list applies to the following:

Part number	Description
3363125676	Bulk pulverizer BP 4050 non rotating
3363127176	Bulk pulverizer BP 4050 HATCON (3G) non rotating
3363126970	Bulk pulverizer BP 4050 HATCON (LTE) non rotating
3363125900	Bulk pulverizer BP 4050 rotating
3363127177	Bulk pulverizer BP 4050 HATCON (3G) rotating
3363126971	Bulk pulverizer BP 4050 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

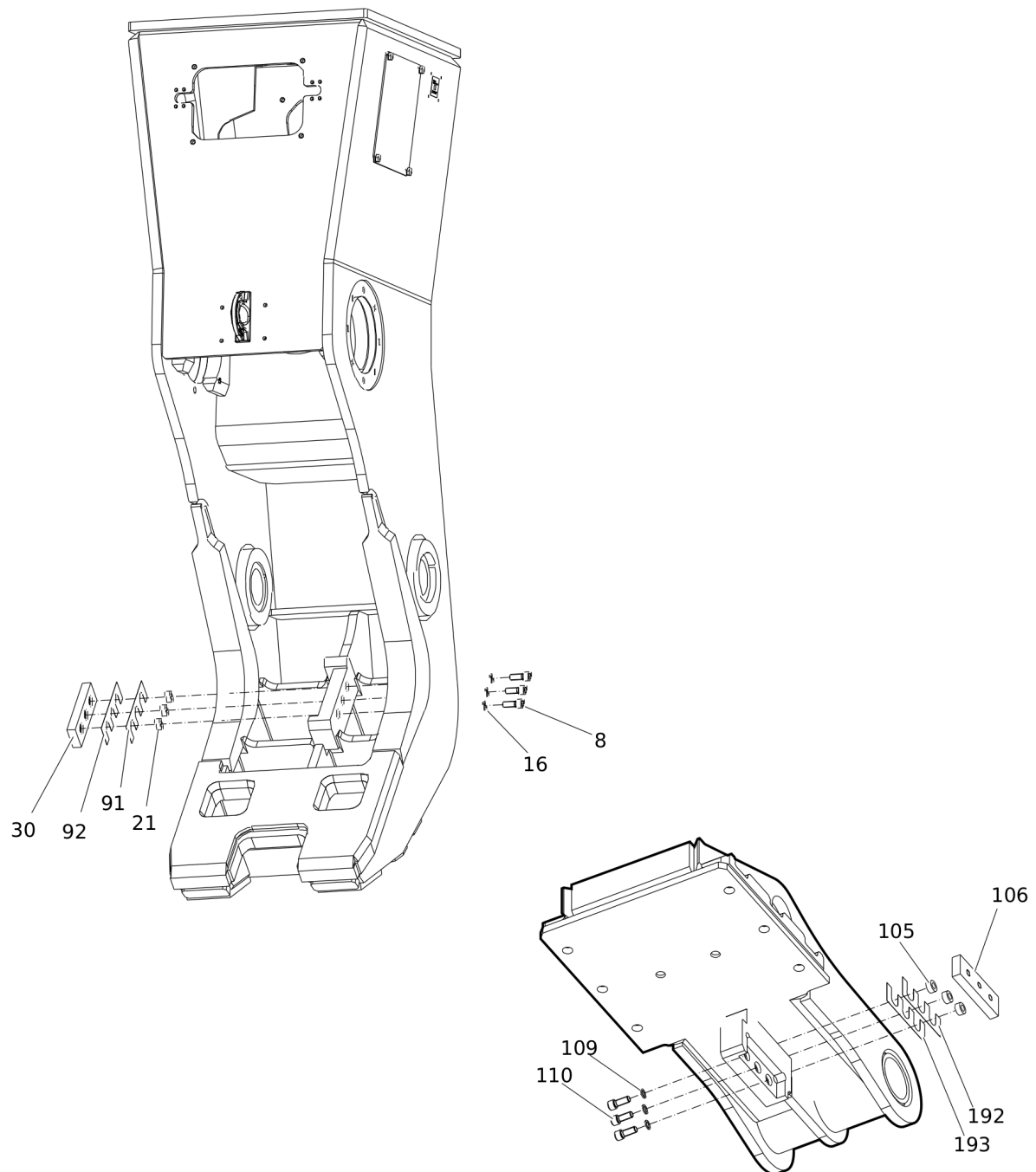
Mechanical

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Service, repair and wear part kits Cutter blades kit

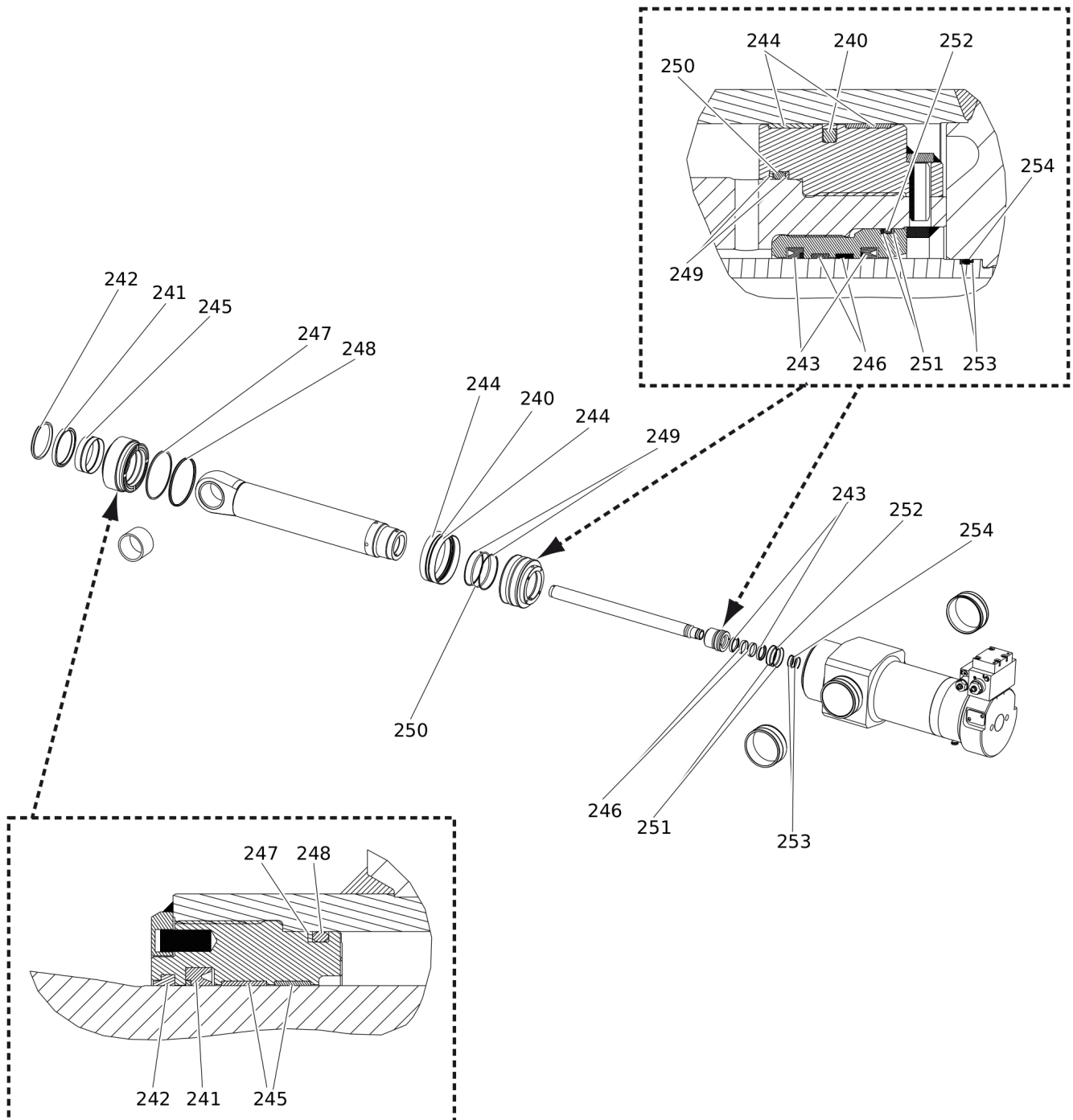


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Thu Nov 14 12:32:04 UTC 2024

Item	Part No.	Name	Qty	L
KIT	3363127196	CUTTER BLADES KIT	1	
8	3360106092	ALLEN SCREW	3	
16	3361850748	PAIR OF LOCK WASHERS	3	
21	3363035107	LOCK RING	3	
30	3363118317	CUTTER BLADE	1	
91	3363118318	SHIM	1	
92	3363118319	SHIM	1	
105	3363035107	LOCK RING	3	
106	3363118317	CUTTER BLADE	1	
109	3361850748	PAIR OF LOCK WASHERS	3	
110	3360106092	ALLEN SCREW	3	
192	3363118318	SHIM	1	
193	3363118319	SHIM	1	

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



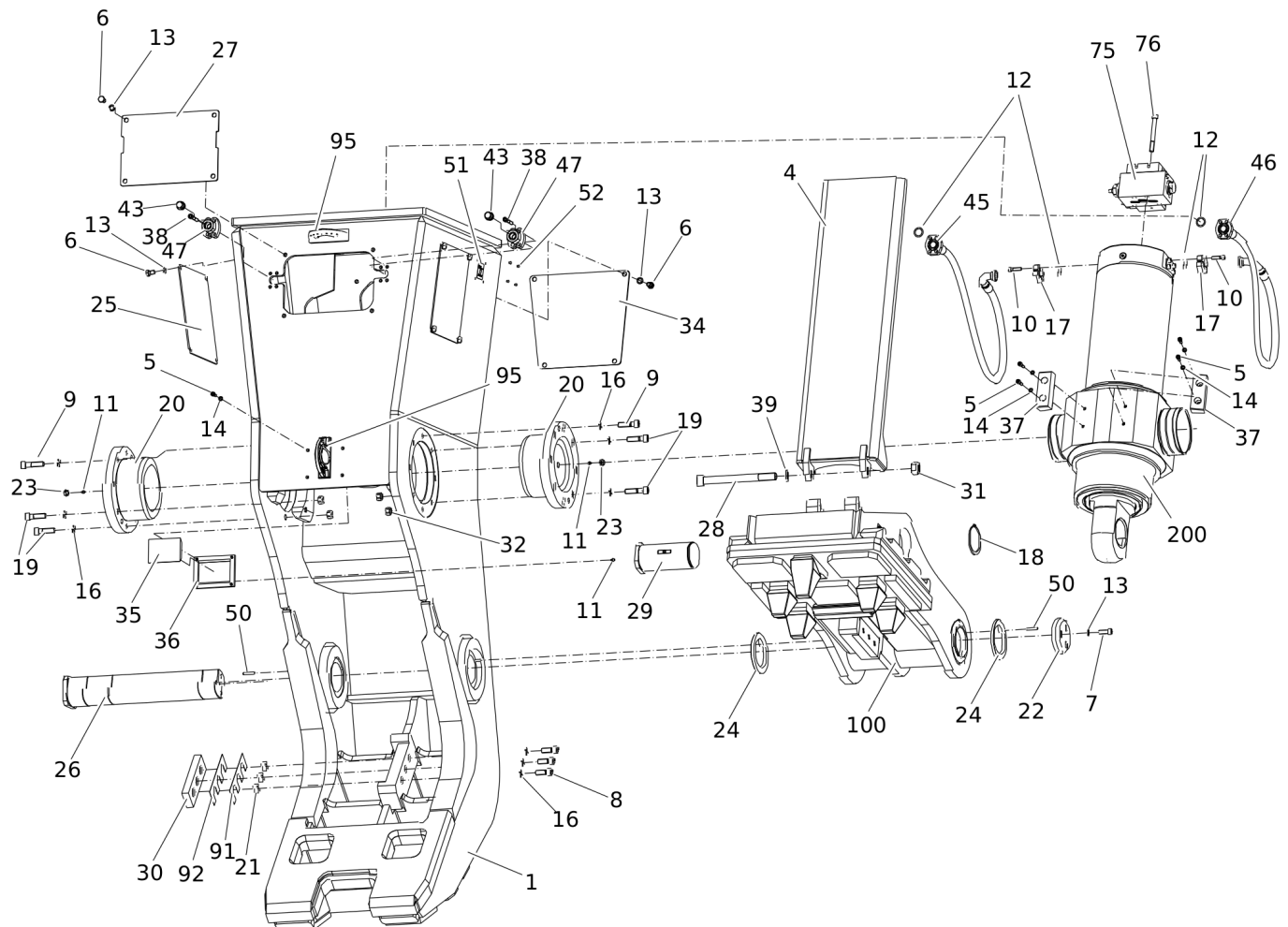
Item	Part No.	Name	Qty	L
KIT	3363127122	SEAL KIT (Hydraulic cylinder)	1	
240		SEAL	1	
241		SEAL	1	
242		WIPER	1	
243		SEAL	2	
244		GUIDE RING	3	
245		GUIDE RING	2	
246		GUIDE RING	2	
247		BACK-UP RING	1	
248		O-RING	1	
249		BACK-UP RING	2	
250		O-RING	1	
251		BACK-UP RING	2	
252		O-RING	1	
253		BACK-UP RING	2	
254		O-RING	1	

Service, repair and wear part kits Kit list

NO EXPLODED VIEW
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FOR THIS BOM

Item	Part No.	Name	Qty	L
KIT	3363125852	LABEL KIT	1	
715(716-718)	3363083066	SEAL KIT (Rotary transmission)	1	
708		V-RING	1	
709		O-RING	1	
710		SLIDE RING	1	
711		SEAL	2	
KIT	3363126309	SEAL KIT (Hydraulic motor and housing)	1	
KIT	3363113168	SEAL KIT (Rapid movement valve)	1	

Mechanical Bulk pulverizer BP 4050 non rotating



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Thu Nov 14 12:32:04 UTC 2024

Item	Part No.	Name	Qty	L
1	3363125851	HOUSING	1	A
4	3363125850	PROTECTIVE SHEATH	1	
5	3360103745	ALLEN SCREW	8	
6	3360105141	HEXAGON HEAD BOLT	16	
7	3360106079	ALLEN SCREW	3	
8	3360106092	ALLEN SCREW	3	
9	3360106098	ALLEN SCREW	12	
10	3360026513	ALLEN SCREW	8	
11	3360209834	GREASE NIPPLE	3	
12	3360314370	O-RING	4	
13	3361333703	PAIR OF LOCK WASHERS	23	
14	3361850745	PAIR OF LOCK WASHERS	8	
15	3361853365	PAIR OF LOCK WASHERS	16	
16	3361850748	PAIR OF LOCK WASHERS	19	
17	3361853208	FLANGE HALF	4	
18	3362328100	LOCK RING	1	
19	3362328117	ALLEN SCREW	4	
20	3363125682	CAP	2	
21	3363035107	LOCK RING	3	
22	3363069911	CAP	1	
23	3363070084	THREADED PLUG	2	
24	3363070088	DISK	2	
25	3363082455	PLATE	2	
26	3363125708	BOLT	1	
27	3363112732	PLATE	1	
28	3363125866	ALLEN SCREW	1	
29	3363125707	BOLT	1	
30	3363118317	CUTTER BLADE	1	
31	3363087612	HEXAGON NUT	1	
32	3363087619	HEXAGON NUT	4	
34	3363088269	PLATE	1	
35	3363088385	GUIDE PART	1	
36	3363088387	SUPPORT	1	
37	3363088389	GUIDE PART	2	
38	3360026518	ALLEN SCREW	8	
39	3361850747	PAIR OF LOCK WASHERS	1	
43	3361031956	PLUG	2	

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Item	Part No.	Name	Qty	L
45	3363125936	HYDRAULIC HOSE	1	
46	3363125937	HYDRAULIC HOSE	1	
47	3363083083	HOSE CONNECTION	2	
50	3363098104	SPRING DOWEL SLEEVE	2	
51	3315439101	HATCON LABEL	1	
52	3315439145	PROTECTIVE PLUG HATCON	4	B
75	3363103691	RAPID MOVEMENT VALVE	1	
76	3363091092	ALLEN SCREW	4	
91	3363118318	SHIM	1	C
92	3363118319	SHIM	1	D
95	3363110321	LIFTING EYE	2	E
100	3363125847	PULVERIZER JAW complete	1	F
200	3363125849	HYDRAULIC CYLINDER	1	F

Comments for Page: Bulk pulverizer BP 4050 non rotating

A | with item 95

B | only for hydraulic pulverizers without HATCON

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

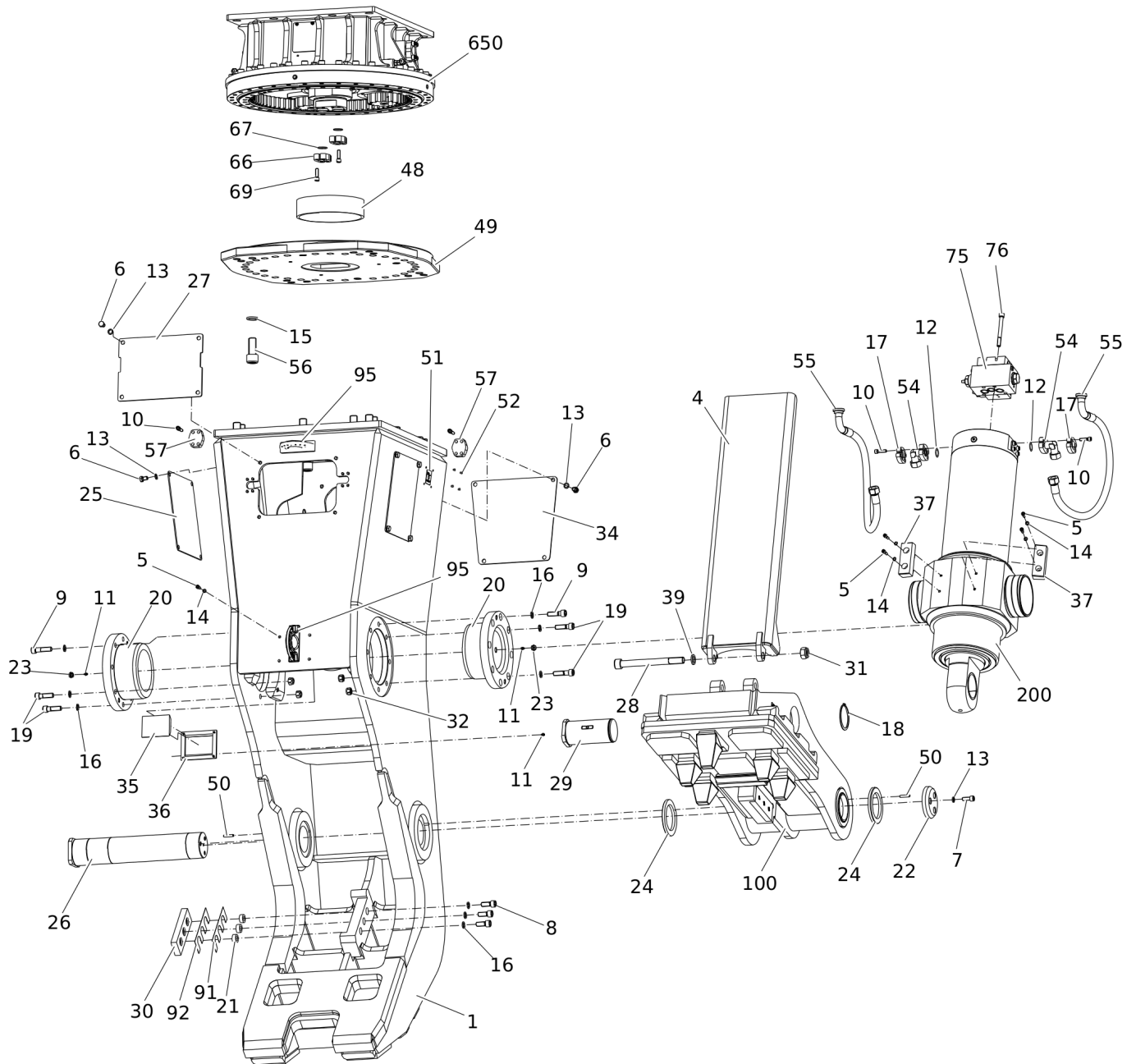
D | 0.5 mm (0.02 in.) thick, as required

E | professional welding process necessary

F | see separate chapter

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Mechanical Bulk pulverizer BP 4050 rotating



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

Thu Nov 14 12:32:06 UTC 2024

Item	Part No.	Name	Qty	L
1	3363125851	HOUSING	1	A
4	3363125850	PROTECTIVE SHEATH	1	
5	3360103745	ALLEN SCREW	8	
6	3360105141	HEXAGON HEAD BOLT	16	
7	3360106079	ALLEN SCREW	3	
8	3360106092	ALLEN SCREW	3	
9	3360106098	ALLEN SCREW	12	
10	3360026513	ALLEN SCREW	16	
11	3360209834	GREASE NIPPLE	3	
12	3360314370	O-RING	4	
13	3361333703	PAIR OF LOCK WASHERS	19	
14	3361850745	PAIR OF LOCK WASHERS	8	
15	3361853365	PAIR OF LOCK WASHERS	16	
16	3361850748	PAIR OF LOCK WASHERS	19	
17	3361853208	FLANGE HALF	4	
18	3362328100	LOCK RING	1	
19	3362328117	ALLEN SCREW	4	
20	3363125682	CAP	2	
21	3363035107	LOCK RING	3	
22	3363069911	CAP	1	
23	3363070084	THREADED PLUG	2	
24	3363070088	DISK	2	
25	3363082455	PLATE	2	
26	3363125708	BOLT	1	
27	3363112732	PLATE	1	
28	3363125866	ALLEN SCREW	1	
29	3363125707	BOLT	1	
30	3363118317	CUTTER BLADE	1	
31	3363087612	HEXAGON NUT	1	
32	3363087619	HEXAGON NUT	4	
34	3363088269	PLATE	1	
35	3363088385	GUIDE PART	1	
36	3363088387	SUPPORT	1	
37	3363088389	GUIDE PART	2	
39	3361850747	PAIR OF LOCK WASHERS	1	
48	3363125986	CONNECTION RING	1	
49	3363125985	PLATE	1	

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

Thu Nov 14 12:32:06 UTC 2024

Item	Part No.	Name	Qty	L
50	3363098104	SPRING DOWEL SLEEVE	2	
51	3315439101	HATCON LABEL	1	
52	3315439145	PROTECTIVE PLUG HATCON	4	B
54	3362263593	FITTING, complete	2	
55	3363126838	HYDRAULIC HOSE	2	
56	3362328055	ALLEN SCREW	16	
57	3363034040	BLIND FLANGE	2	
66	3360992488	FLANGE HALF	4	
67	3360314372	O-RING	2	
69	3363034274	ALLEN SCREW	8	
75	3363103691	RAPID MOVEMENT VALVE	1	
76	3363091092	ALLEN SCREW	4	
91	3363118318	SHIM	1	C
92	3363118319	SHIM	1	D
95	3363110321	LIFTING EYE	2	E
100	3363125847	PULVERIZER JAW complete	1	F
200	3363125849	HYDRAULIC CYLINDER	1	F
650	3363115332	UPPER PART, complete	1	F

Comments for Page: Bulk pulverizer BP 4050 rotating

A | with item 95

B | only for hydraulic pulverizers without HATCON

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

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

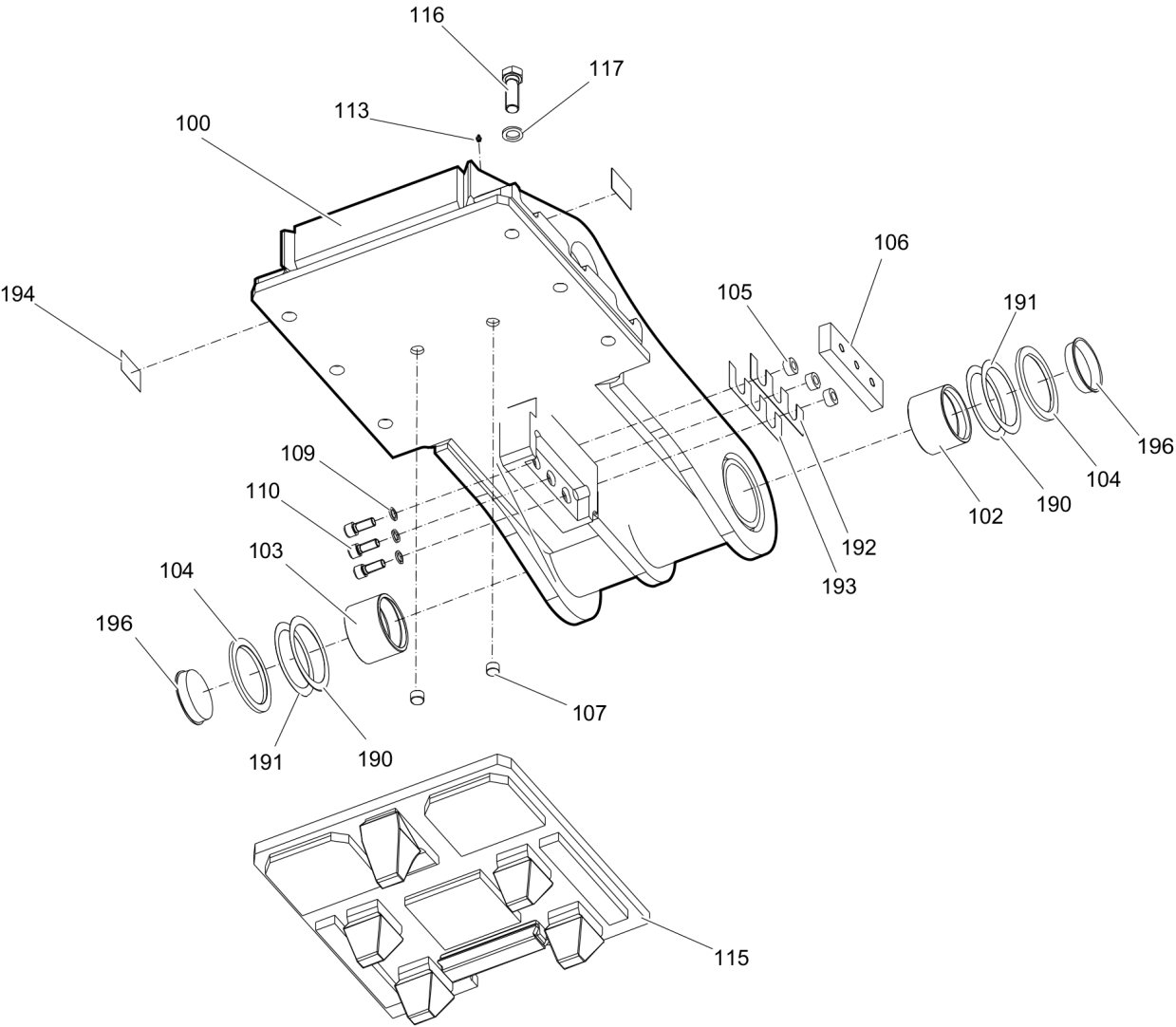
E | professional welding process necessary

F | see separate chapter

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Mechanical Pulverizer jaw

114		
115	116	117



Item	Part No.	Name	Qty	L
100	3363125847	PULVERIZER JAW complete	1	A
102	3363069865	BEARING BUSH	1	
103	3363069867	BEARING BUSH	1	
104	3363070089	DISK	2	
105	3363035107	LOCK RING	3	
106	3363118317	CUTTER BLADE	1	
107	3363086441	LOCK PIN	2	
109	3361850748	PAIR OF LOCK WASHERS	3	
110	3360106092	ALLEN SCREW	3	
113	3360209834	GREASE NIPPLE	1	
114(115-117)	3363127187	TOOTH PLATE complete	1	
115		TOOTH PLATE	1	
116	3363125935	ALLEN SCREW	6	
117	3361850747	PAIR OF LOCK WASHERS	6	
190	3363111884	SPACER RING	2	B
191	3363070090	SPACER RING	2	C
192	3363088149	SHIM	1	B
193	3363118318	SHIM	1	C
194	3362268751	LABEL TIGHTENING TORQUE	2	D
196	3363031715	PROTECTIVE CAP	2	

Comments for Page: Pulverizer jaw

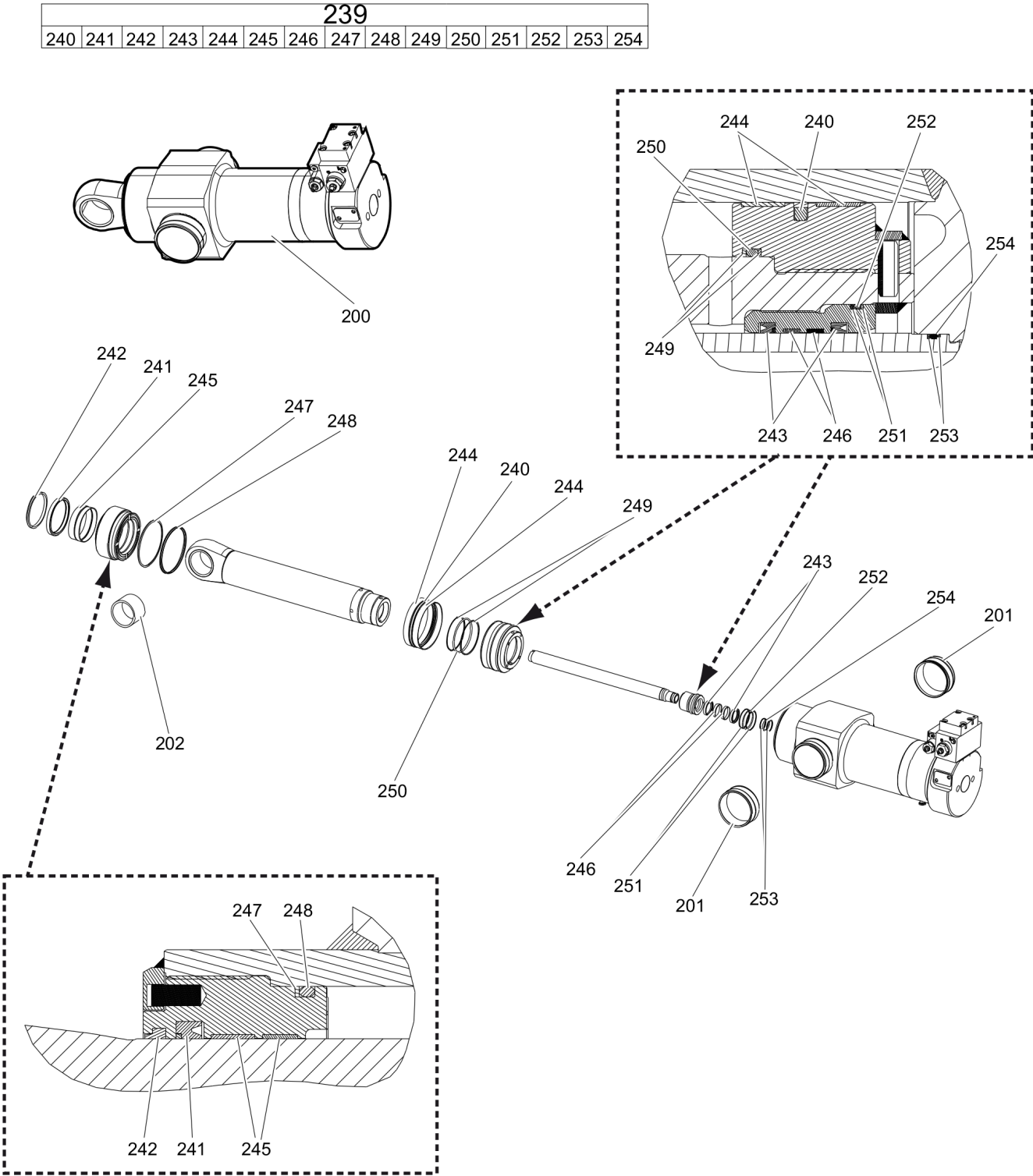
A | with parts item 102 - 117

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

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

D | German/English

Mechanical Hydraulic cylinder

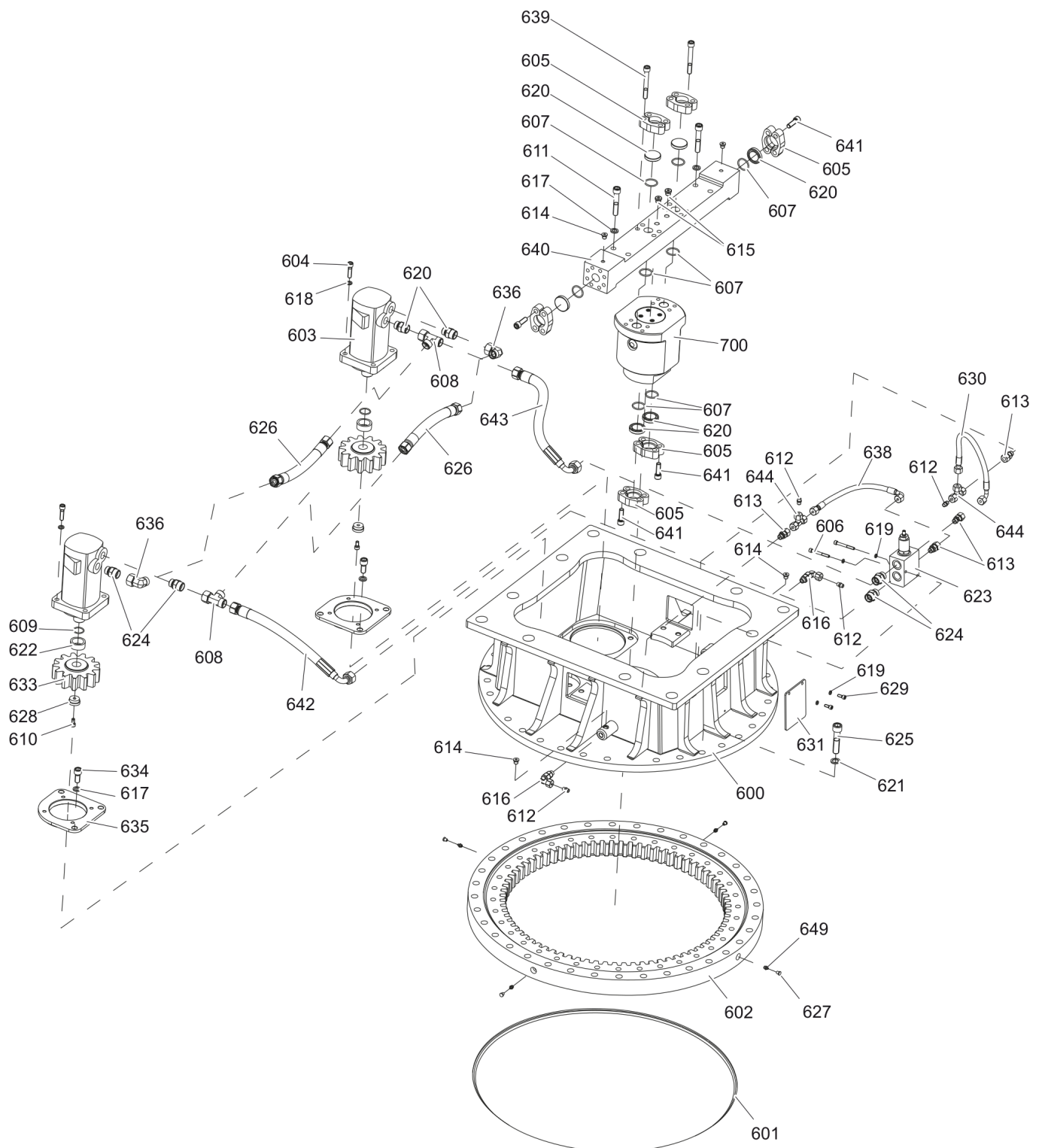


Item	Part No.	Name	Qty	L
200	3363125849	HYDRAULIC CYLINDER	1	A
201	3363125530	BEARING BUSH	2	
202	3363125534	CLAMPING BUSH	1	
239(240-255)	3363127122	SEAL KIT (Hydraulic cylinder)	1	
240		SEAL	1	
241		SEAL	1	
242		WIPER	1	
243		SEAL	2	
244		GUIDE RING	3	
245		GUIDE RING	2	
246		GUIDE RING	2	
247		BACK-UP 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	

Comments for Page: Hydraulic cylinder

A | with parts item 201 - 255

Mechanical Upper part complete



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Item	Part No.	Name	Qty	L
600	3363115332	UPPER PART, complete	1	A
601	3363129330	SEAL	1	
602	3363097139	FOUR POINT BEARING	1	
603	3363098967	HYDRAULIC MOTOR	2	
604	3360026513	ALLEN SCREW	8	
605	3360992488	FLANGE HALF	12	
606	3360103738	ALLEN SCREW	2	
607	3360314372	O-RING	8	
608	3363113033	FITTING	2	
609	3360313304	O-RING	2	
610	3361031981	ALLEN SCREW	2	
611	3362328096	ALLEN SCREW	4	
612	3360314593	PLUG	4	
613	3360478333	FITTING	4	
614	3360478439	THREADED PLUG	4	
615	3360478440	THREADED PLUG	2	
616	3363091912	FITTING	2	
617	3361333703	PAIR OF LOCK WASHERS	10	
618	3361850596	PAIR OF LOCK WASHERS	8	
619	3361850743	PAIR OF LOCK WASHERS	4	
620	3363031348	BLIND PLATE	6	
621	3361850748	PAIR OF LOCK WASHERS	32	
622	3362265869	RING	2	
623	3363127360	VALVE BLOCK	1	
624	3363113032	FITTING	6	
625	3360106099	ALLEN SCREW	32	
626	3363113042	HYDRAULIC HOSE	2	
627	3363087600	CAP	4	
628	3363088327	RING	2	
629	3360103733	ALLEN SCREW	2	
630	3363083972	HYDRAULIC HOSE	1	
631	3363099489	COVER SHEET	1	
633	3363099597	SPUR PINION	2	
634	3360026641	ALLEN SCREW	6	
635	3363109941	PLATE	2	
636	3363113034	FITTING	2	
638	3363085885	HYDRAULIC HOSE	1	

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Item	Part No.	Name	Qty	L
639	3363105485	ALLEN SCREW	8	
640	3363105495	CONNECTION PLATE	1	
641	3363034274	ALLEN SCREW	16	
642	3363113423	HYDRAULIC HOSE	1	
643	3363113422	HYDRAULIC HOSE	1	
644	3360314543	FITTING	2	
649	3360209834	GREASE NIPPLE	4	
700	3363105471	ROTARY TRANSMISSION	1	B

Comments for Page: Upper part complete

A | with item 602 - 700

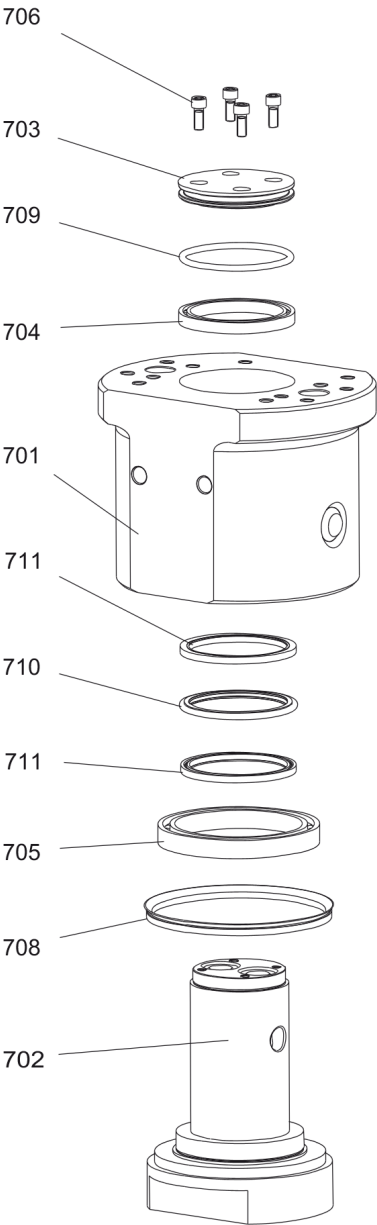
B | see separate chapter

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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)	3363105471	ROTARY TRANSMISSION	1	
701	3363105473	STATOR	1	
702	3363105477	ROTOR	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 Tightening torques

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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)	-	
11	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 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)	-	
56	-	ALLEN SCREW - 2950 + 50 Nm (2176 + 37 ft lbf)	-	
69	-	ALLEN SCREW - 170 + 15 Nm (125 + 11 ft lbf)	-	
76	-	ALLEN SCREW - 250 + 20 Nm (184 + 15 ft lbf)	-	
110	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	
113	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 ft lbf)	-	
116	-	ALLEN SCREW - 1300 + 50 Nm (959 + 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)	-	
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)	-	

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

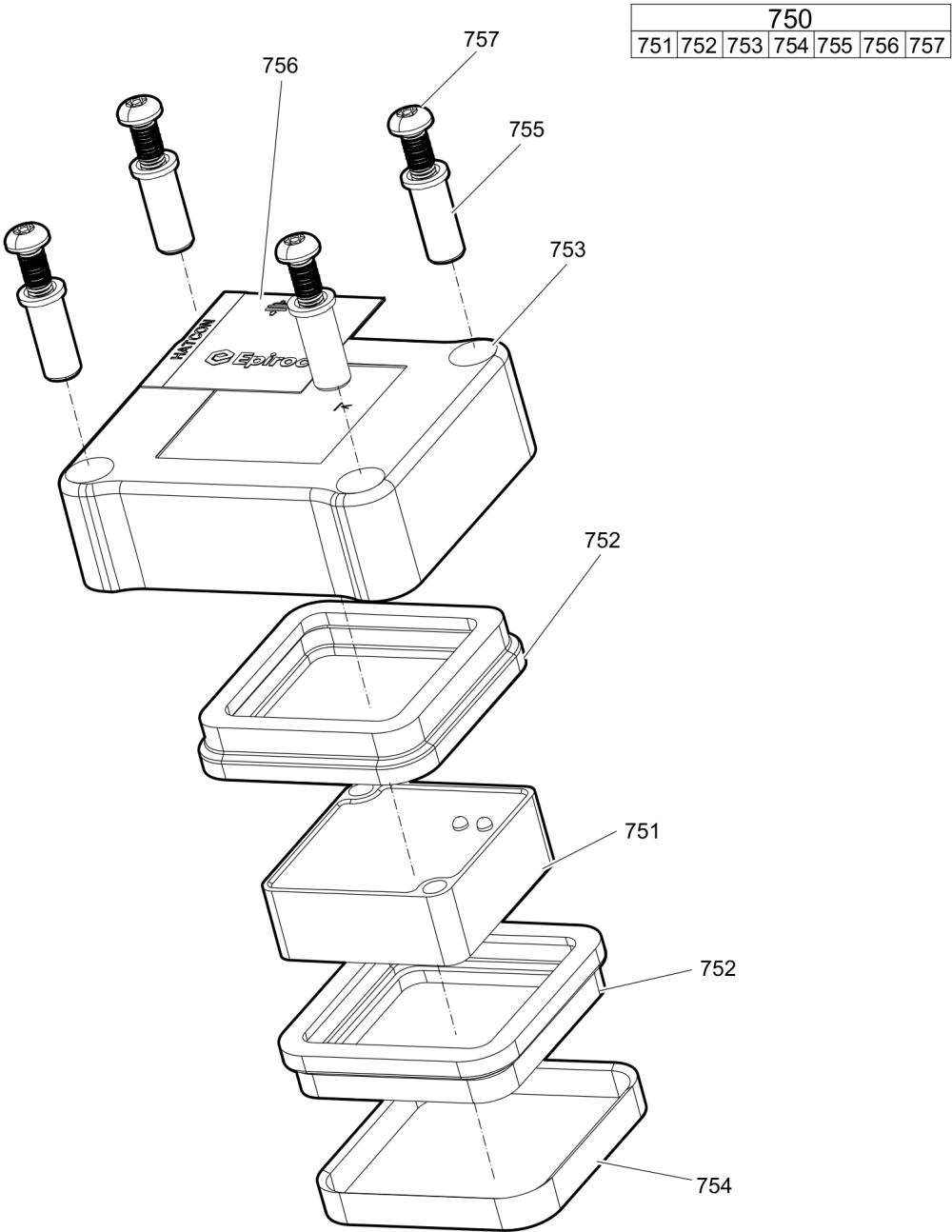
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Comments for Page: Tightening torques

A | fix with Loctite 243

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Mechanical HATCON

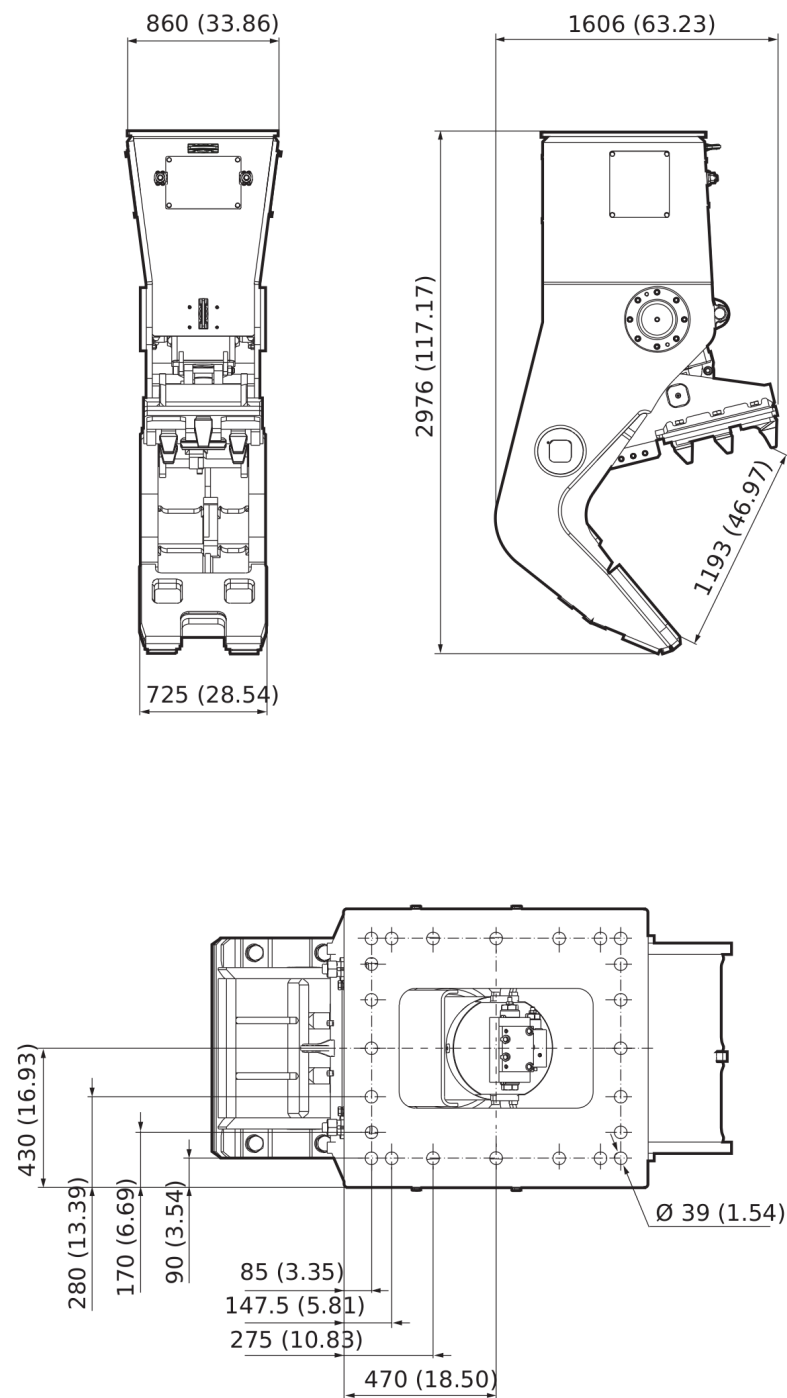


Item	Part No.	Name	Qty	L
750(751-757)		HATCON	1	A
751		TRACKING MODULE HATCON	1	
752	3315439130	DAMPER HATCON	2	
753	3315439110	HOUSING TYPE 1 HATCON	1	
754	3315439140	LOCK RING HATCON	1	
755	3315439120	SLEEVE HATCON	4	
756	3315439100	PRODUCT LABEL HATCON	1	
757	3315442600	SCREW HATCON	4	

Comments for Page: HATCON

A | part number see chapter "Optional equipment"

Mechanical Dimensions BP 4050 R non rotating



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

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Technical drawing of the 3000 series excavator bucket, showing three views: front, side, and top. Dimensions are provided in millimeters and inches.

Front View Dimensions:

- Top width: $\varnothing 1010$ (39.76)
- Top flange width: 860 (33.86)
- Bottom width: 725 (28.54)

Side View Dimensions:

- Top flange diameter: $\varnothing 940$ (37.01)
- Overall height: 2976 (117.17)
- Bucket tip length: 1193 (46.97)

Top View Dimensions:

- Overall width: 810 (31.89)
- Overall height: 720 (28.35)
- Inner width: 620 (24.41)
- Inner height: 530 (20.87)
- Top flange width: 385 (15.16)
- Top flange height: 195 (7.68)
- Bottom flange width: 40 (1.58)
- Bottom flange height: 230 (9.06)
- Bottom flange diameter: $\varnothing 39$ (1.54)
- Bottom flange height: 150 (5.91)
- Bottom flange width: 340 (13.39)

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Options / accessories Hydraulic hoses - non rotating

NO EXPLODED VIEW
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FOR THIS BOM

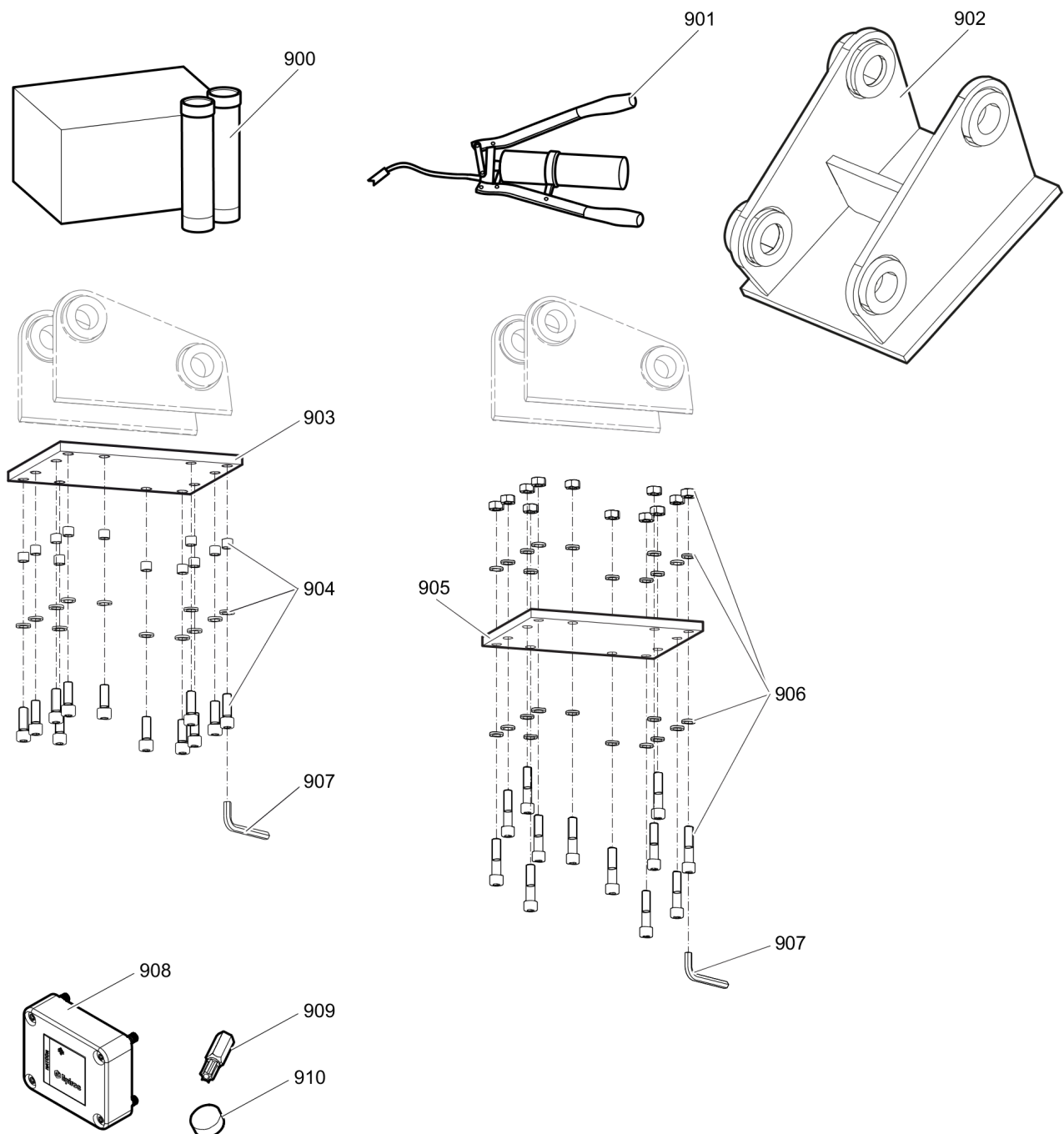
Item	Part No.	Name	Qty	L
-	3360992340	HYDRAULIC HOSE, I.D. 25 (1"), both ends M42 x 2 conical seal 24°, length 2300 mm (91 in.)	2	
-	3361853859	HYDRAULIC HOSE, I.D. 25 (1"), both ends M42 x 2 conical seal 24°, length 2800 mm (110 in.)	2	

Options / accessories Hydraulic hoses

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

Item	Part No.	Name	Qty	L
	-	Open - Close		
-	3363106493	HYDRAULIC HOSE, I.D. 32 (1.26 in.) flange SAE 90° 1 1/4 in. - 6000 PSI, , 1 5/8 in. JIC, length 2800 mm (110 in.)	2	
-	3363106494	HYDRAULIC HOSE, I.D. 32 (1.26 in.) flange SAE 90° 1 1/4 in. - 6000 PSI, , 1 5/8 in. JIC, length 3500 mm (138 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



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	3363104727	BASE PLATE WITH THREADED INSERTS	1	
904	3363087307	BOLT KIT	1	
905	3363104725	BASE PLATE WITH THROUGH BORINGS	1	
906	3363094580	BOLT KIT	1	
907	3360478949	ALLEN KEY (27 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

A | with item 909 and 910

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