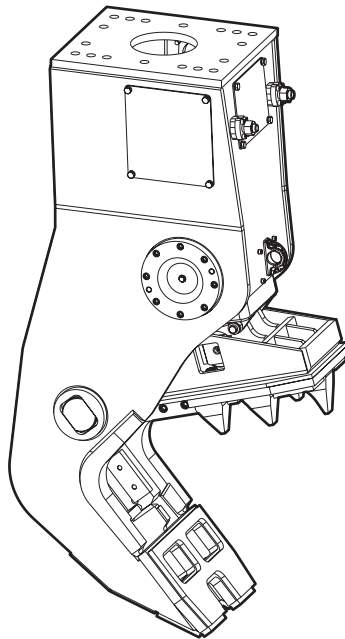


BP 2050, 2050 R

Spare parts list

Bulk pulverizer

BP 2050 s/n	DGR240001 -
	DEQ169181 -
BP 2050 R s/n	DGR240001 -
	DEQ169181 -



General information

This spare parts list applies to the following:

Part number	Description
3363111584	Bulk pulverizer BP 2050 non rotating
3363111973	Bulk pulverizer BP 2050 rotating
3363124935	Bulk pulverizer BP 2050 non rotating with HATCON (3G)
3363124936	Bulk pulverizer BP 2050 rotating with HATCON (3G)
3363126966	Bulk pulverizer BP 2050 non rotating with HATCON (LTE)
3363126967	Bulk pulverizer BP 2050 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

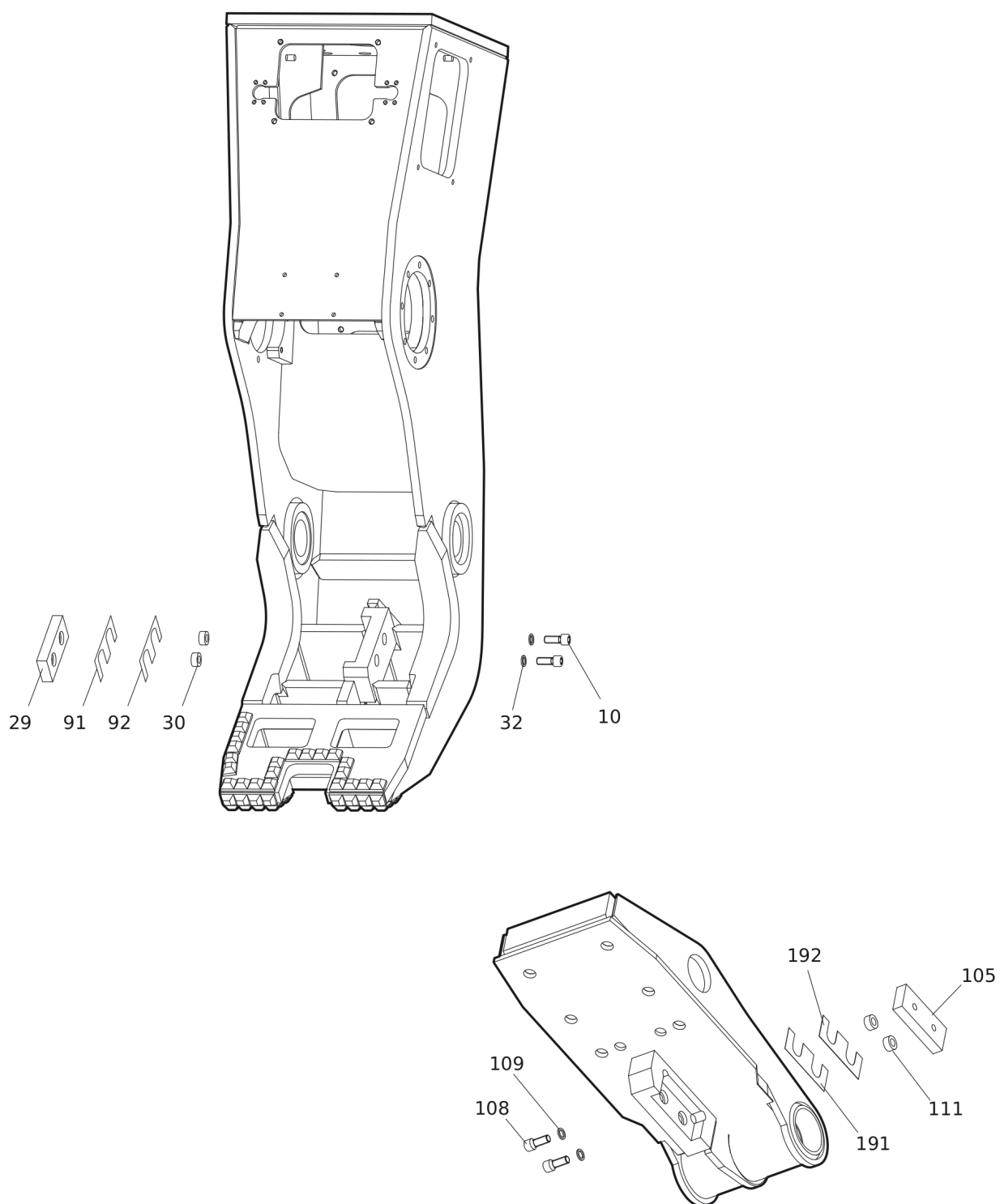
Mechanical

Bulk pulverizer BP 2050 non rotating	5
Bulk pulverizer BP 2050 rotating	8
Pulverizer jaw	12
Hydraulic cylinder	15
Upper part complete	17
Rotary transmission	20
HATCON	23
Tightening torques	25
Dimensions BP 2050 non rotating	27
Dimensions BP 2050 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



Item	Part No.	Name	Qty	L
KIT	3363112463	CUTTER BLADES KIT	1	
10	3360106092	ALLEN SCREW	2	
29	3363086455	CUTTER BLADE	1	
30	3363035107	LOCK RING	2	
32	3361850748	PAIR OF LOCK WASHERS	2	
91	3363092403	SHIM	1	
92	3363091026	SHIM	1	
105	3363086455	CUTTER BLADE	1	
108	3360106092	ALLEN SCREW	2	
109	3361850748	PAIR OF LOCK WASHERS	2	
111	3363035107	LOCK RING	2	
191	3363092403	SHIM	1	
192	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	3363112460	LABEL KIT	1	
220(226-239)	3363126018	SEAL KIT (Hydraulic cylinder)	1	
226		WIPER	1	
227		SEAL	1	
228		GUIDE RING	3	
229		GUIDE RING	2	
230		SEAL	1	
231		SEAL	1	
232		GUIDE RING	2	
233		O-RING	1	
234		BACK-UP RING	1	
235		O-RING	1	
236		BACK-UP RING	2	
237		O-RING	1	
238		O-RING	2	
239		BACK-UP RING	2	
KIT	3363126309	SEAL KIT (Hydraulic motor and housing)	1	
KIT	3363127334	SEAL KIT (Rapid movement valve)	1	



Item	Part No.	Name	Qty	L
1	3363119419	HOUSING	1	A
8	3363125694	HYDRAULIC HOSE	1	
9	3363125695	HYDRAULIC HOSE	1	
10	3360106092	ALLEN SCREW	2	
11	3363082455	PLATE	3	
12	3363088313	PLATE	1	
13	3360105141	HEXAGON HEAD BOLT	20	
14	3361333703	PAIR OF LOCK WASHERS	39	
17	3363088857	CAP	2	
18	3360106079	ALLEN SCREW	3	
20	3363086471	BOLT	1	
21	3363086473	CAP	1	
22	3363034481	ALLEN SCREW	12	
23	3363088269	PLATE	1	
24	3363085879	DISK	2	
25	3360209834	GREASE NIPPLE	3	
26	3363070084	THREADED PLUG	2	
27	3363086439	BOLT	1	
28	3362328072	LOCK RING	1	
29	3363086455	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	3363112673	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	7	
46	3360103745	ALLEN SCREW	8	
47	3361850745	PAIR OF LOCK WASHERS	8	

Item	Part No.	Name	Qty	L
54	3363083083	HOSE CONNECTION	2	
55	3361031956	PLUG	2	
56	3360026518	ALLEN SCREW	8	
58	3363103691	RAPID MOVEMENT VALVE	1	
59	3363091092	ALLEN SCREW	4	
91	3363092403	SHIM	1	
92	3363091026	SHIM	1	
95	3363111994	LIFTING EYE	1	B
96	3315439145	PROTECTIVE PLUG HATCON	4	C
100	3363112357	PULVERIZER JAW, complete	1	D
200	3363112359	HYDRAULIC CYLINDER	1	D
750		HATCON	1	E

Comments for Page: Bulk pulverizer BP 2050 non rotating

(L)OCAL REMARKS

A | with item 95 and 96

B | professional welding process necessary

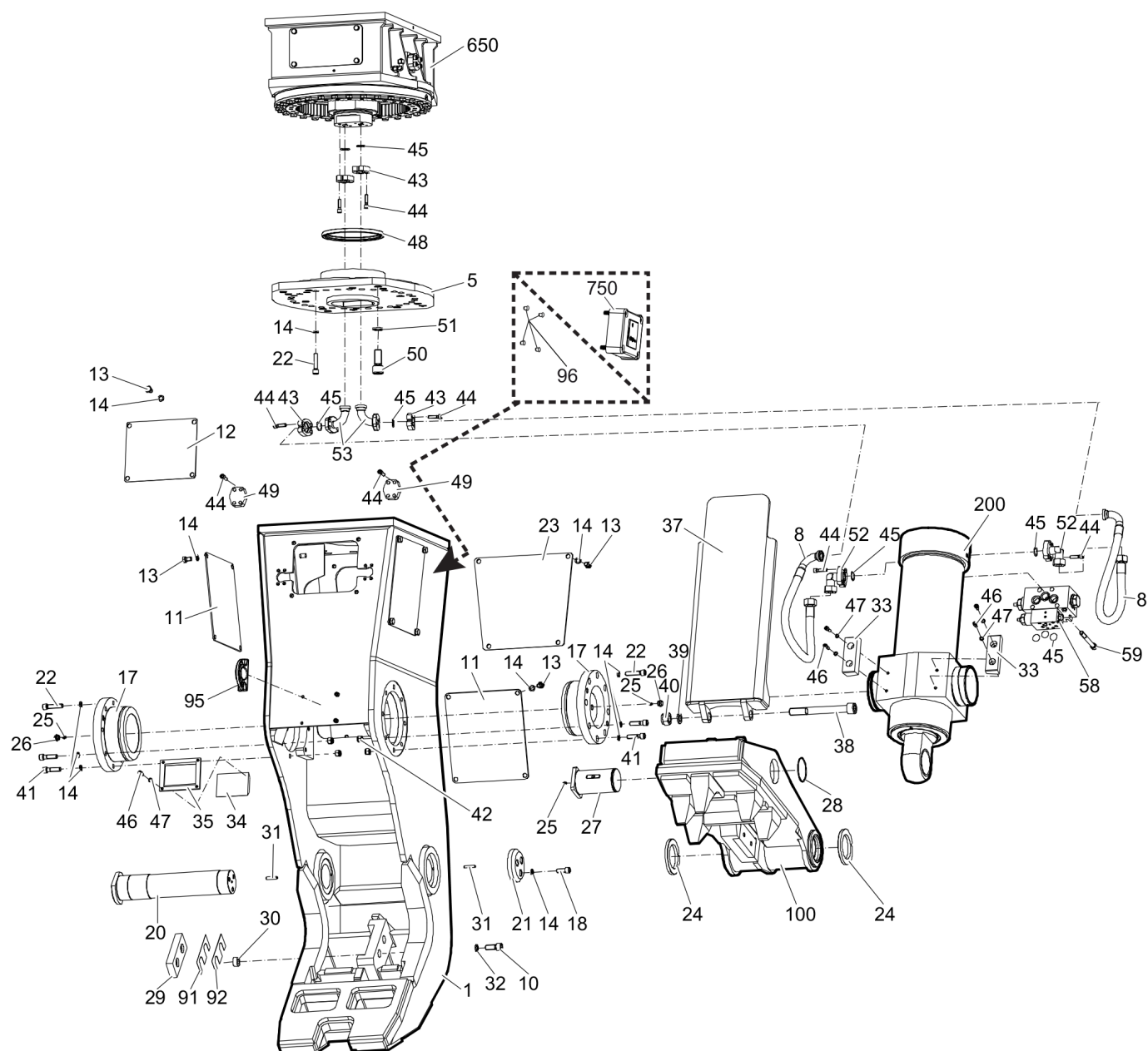
C | only for hydraulic pulverizers without HATCON

D | see separate chapter

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

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Mechanical Bulk pulverizer BP 2050 rotating



Item	Part No.	Name	Qty	L
1	3363119419	HOUSING	1	A
5	3363111927	PLATE	1	
8	3363112004	HYDRAULIC HOSE	2	
10	3360106092	ALLEN SCREW	2	
11	3363082455	PLATE	3	
12	3363088313	PLATE	1	
13	3360105141	HEXAGON HEAD BOLT	20	
14	3361333703	PAIR OF LOCK WASHERS	71	
17	3363088857	CAP	2	
18	3360106079	ALLEN SCREW	3	
20	3363086471	BOLT	1	
21	3363086473	CAP	1	
22	3363034481	ALLEN SCREW	44	
23	3363088269	PLATE	1	
24	3363085879	DISK	2	
25	3360209834	GREASE NIPPLE	3	
26	3363070084	THREADED PLUG	2	
27	3363086439	BOLT	1	
28	3362328072	LOCK RING	1	
29	3363086455	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	3363112673	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	8	
44	3360026513	ALLEN SCREW	32	
45	3360314370	O-RING	9	
46	3360103745	ALLEN SCREW	8	
47	3361850745	PAIR OF LOCK WASHERS	8	

Item	Part No.	Name	Qty	L
48	3362267680	ROTARY SHAFT SEAL	1	
49	3363034040	BLIND FLANGE	2	B
50	3360478750	ALLEN SCREW	14	
51	3361850747	PAIR OF LOCK WASHERS	14	
52	3362263593	FITTING, complete	2	
53	3363093797	CONNECTION	2	
58	3363127125	RAPID MOVEMENT VALVE	1	
59	3363091092	ALLEN SCREW	4	
91	3363092403	SHIM	1	
92	3363091026	SHIM	1	
95	3363111994	LIFTING EYE	1	C
96	3315439145	PROTECTIVE PLUG HATCON	4	D
100	3363112357	PULVERIZER JAW, complete	1	E
200	3363112359	HYDRAULIC CYLINDER	1	E
650	3363100235	UPPER PART, complete	1	E
750		HATCON	1	F

Comments for Page: Bulk pulverizer BP 2050 rotating

(L)OCAL REMARKS

A | with item 95 and 96

B | with 4 times item 44

C | professional welding process necessary

D | only for hydraulic pulverizers without HATCON

E | see separate chapter

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

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Item	Part No.	Name	Qty	L
100	3363112357	PULVERIZER JAW, complete	1	A
103	3363088319	BEARING BUSH	1	
104	3363088321	BEARING BUSH	1	
105	3363086455	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)	3363119587	TOOTH PLATE, complete	1	
115		TOOTH PLATE	1	
116	3360026882	ALLEN SCREW	6	
117	3361850747	PAIR OF LOCK WASHERS	6	
191	3363085881	SPACER RING	2	B
192	3363092403	SHIM	1	
193	3363091026	SHIM	1	
194	3362268751	LABEL TIGHTENING TORQUE	2	C

Comments for Page: Pulverizer jaw

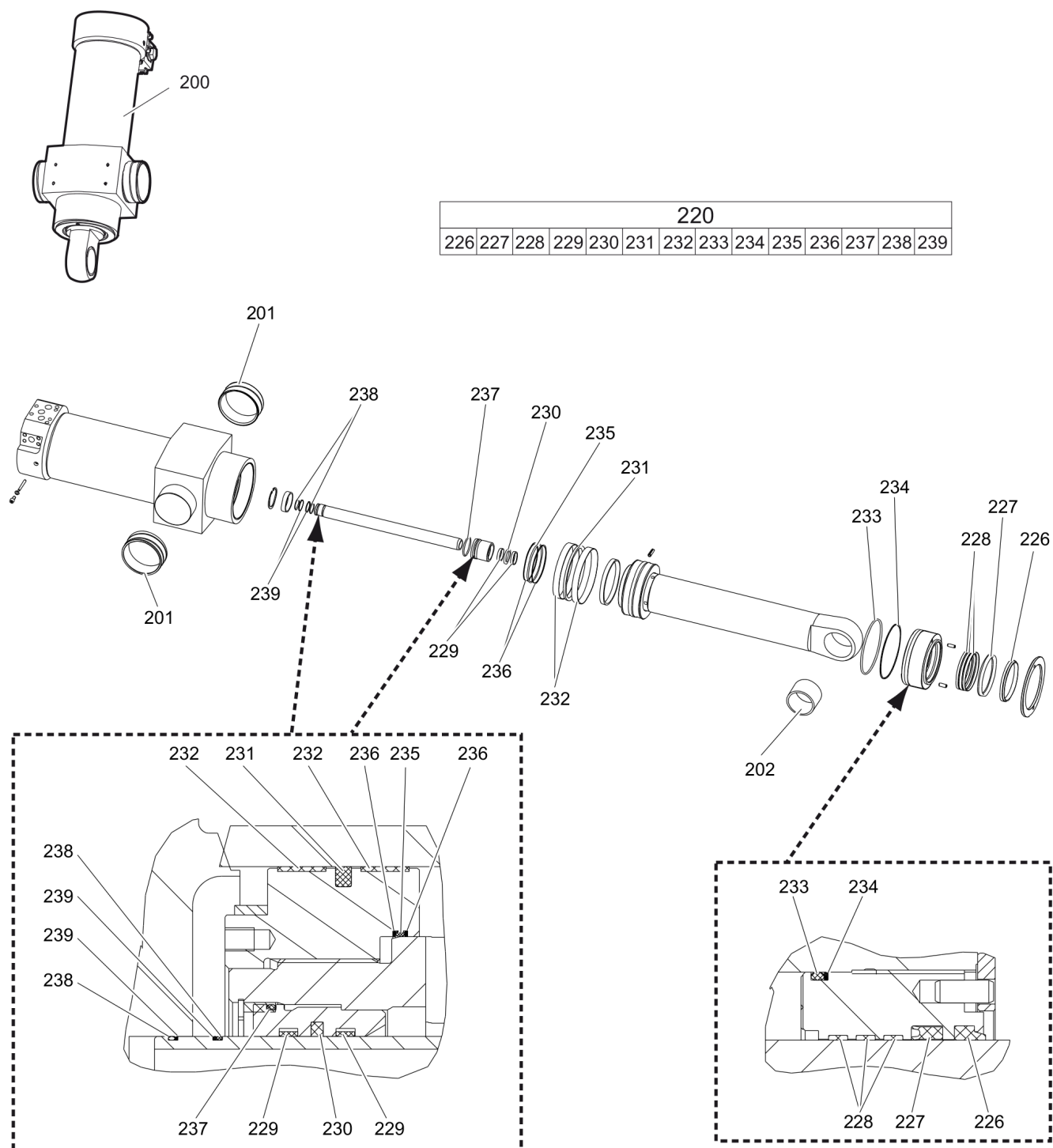
(L)OCAL REMARKS

A | with parts item 102 - 113

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

C | German/English

Mechanical Hydraulic cylinder

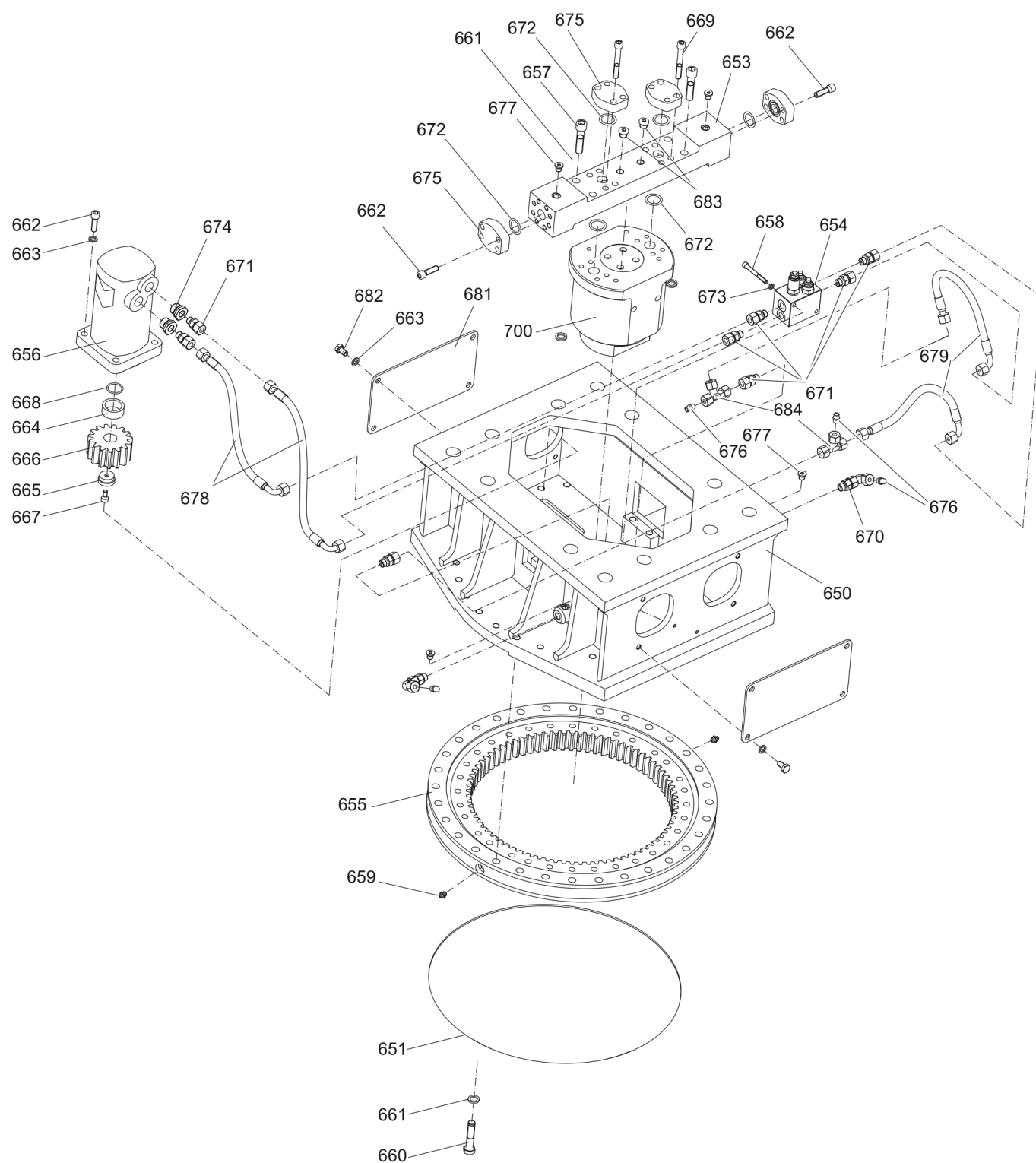


Item	Part No.	Name	Qty	L
200	3363112359	HYDRAULIC CYLINDER	1	A
201	3363086477	CLAMPING BUSH	2	
202	3363112446	CLAMPING BUSH	1	
220(226-239)	3363126018	SEAL KIT (Hydraulic cylinder)	1	
226		WIPER	1	
227		SEAL	1	
228		GUIDE RING	3	
229		GUIDE RING	2	
230		SEAL	1	
231		SEAL	1	
232		GUIDE RING	2	
233		O-RING	1	
234		BACK-UP RING	1	
235		O-RING	1	
236		BACK-UP RING	2	
237		O-RING	1	
238		O-RING	2	
239		BACK-UP RING	2	

Comments for Page: Hydraulic cylinder

A | with parts item 202 - 239

Mechanical Upper part complete



Item	Part No.	Name	Qty	L
650	3363100235	UPPER PART, complete	1	A
651	3363129328	SEAL	1	
653	3363092099	CONNECTION PLATE	1	
654	3362266712	VALVE BLOCK	1	
655	3362267696	FOUR POINT BEARING	1	
656	3363098967	HYDRAULIC MOTOR	1	
657	3360026646	ALLEN SCREW	4	
658	3360103738	ALLEN SCREW	2	
659	3360209834	GREASE NIPPLE	2	
660	3363085887	HEXAGON HEAD BOLT	32	
661	3361333703	PAIR OF LOCK WASHERS	36	
662	3360026512	ALLEN SCREW	12	
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	3363034429	ALLEN SCREW	8	
670	3363091912	FITTING	2	
671	3360478333	FITTING	8	
672	3360314370	O-RING	6	
673	3361850743	PAIR OF LOCK WASHERS	2	
674	3362267435	FITTING	2	
675	3363034040	BLIND FLANGE	4	B
676	3360314593	PLUG	4	
677	3360478439	THREADED PLUG	4	
678	3363085885	HYDRAULIC HOSE	2	
679	3363083972	HYDRAULIC HOSE	2	
681	3363127192	COVER	2	
682	3360433381	HEXAGON HEAD BOLT	8	
683	3360478440	THREADED PLUG	2	
684	3360314543	FITTING	2	
700	3363033685	ROTARY TRANSMISSION	1	C

Comments for Page: Upper part complete

(L)OCAL REMARKS

A | with item 653 - 700

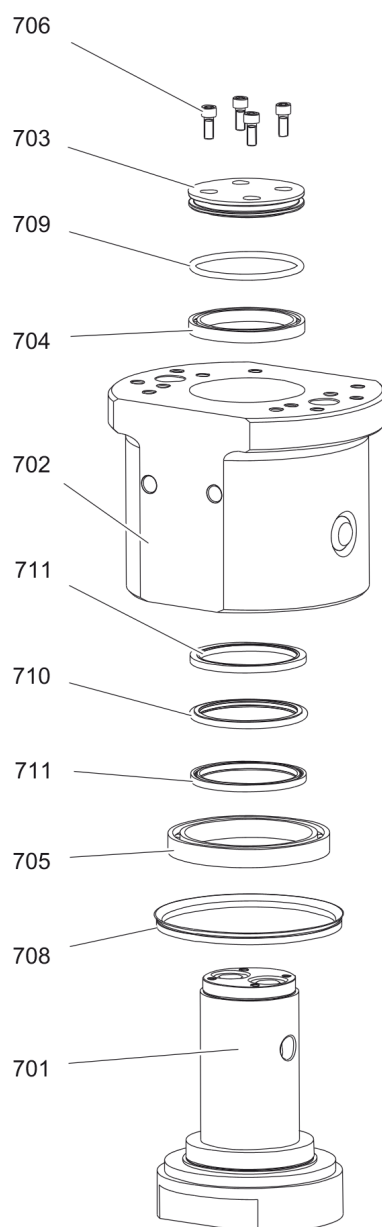
B | with one time item 672 and four times item 662

C | see separate chapter

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Mechanical Rotary transmission

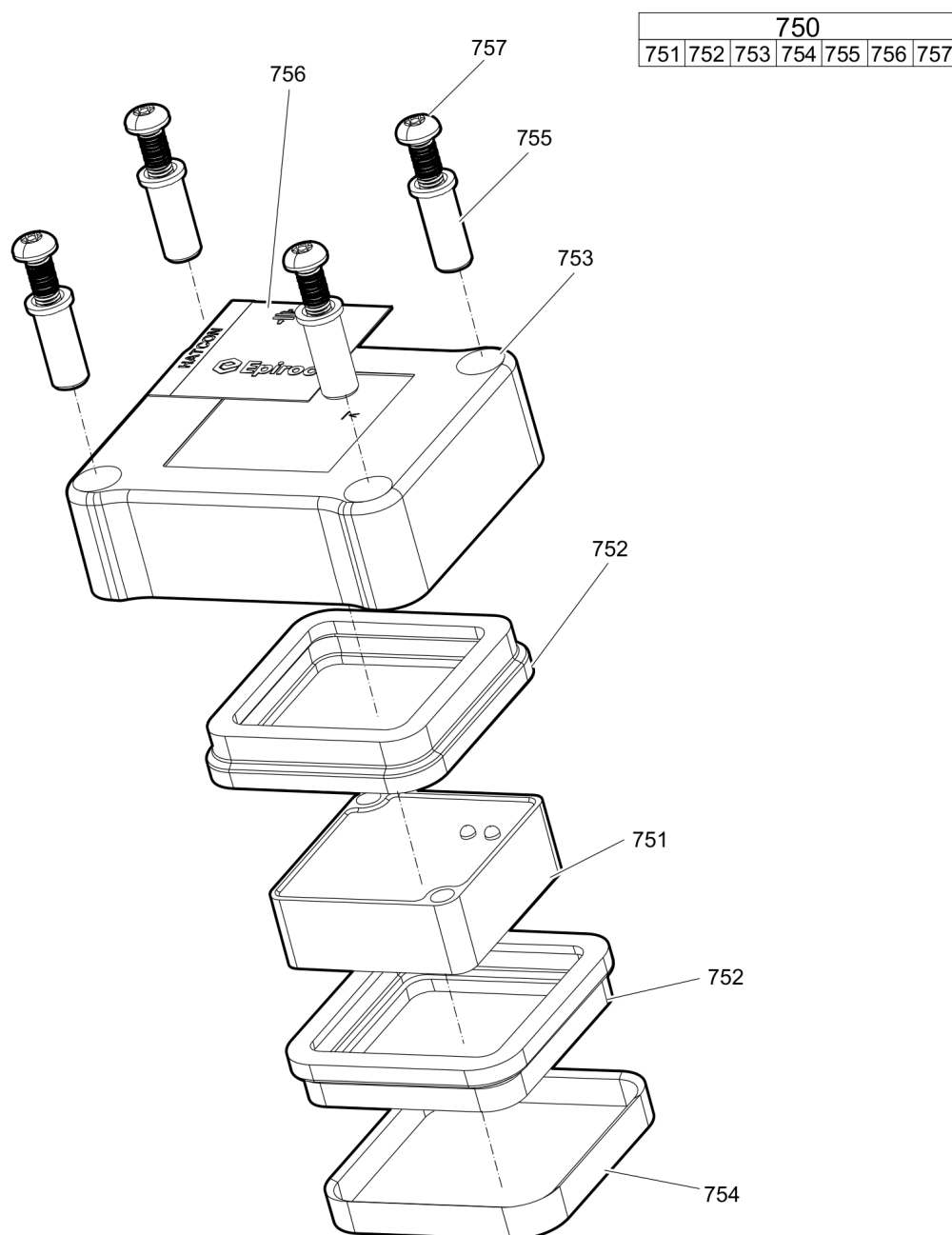
700						
701	702	703	704	705	706	707



707			
708	709	710	711

Item	Part No.	Name	Qty	L
700(701-707)	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

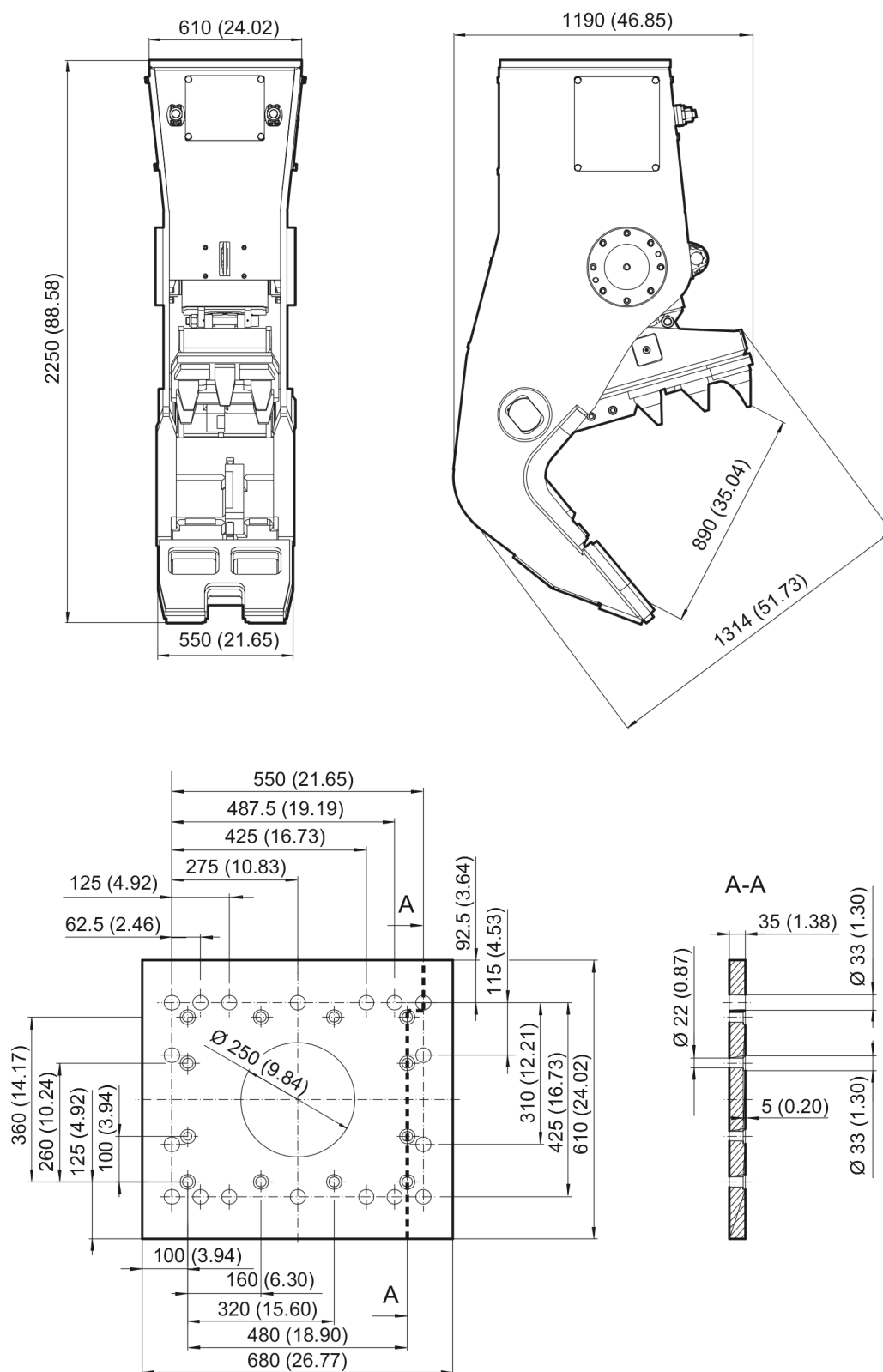
Item	Part No.	Name	Qty	L
10	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	
13	-	HEXAGON HEAD SCREW - 180 + 5 Nm (133 + 4 ft lbf)	-	
18	-	ALLEN SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
22	-	ALLEN SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
26	-	THREADED PLUG - 140 + 40 Nm (103 + 30 ft lbf)	-	
38	-	ALLEN SCREW - 100 + 10 Nm (74 + 7 ft lbf)	-	
40	-	HEXAGON HEAD SCREW - 230 + 30 Nm (170 + 22 ft lbf)	-	
41	-	ALLEN SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
44	-	ALLEN SCREW - 100 + 10 Nm (74 + 7 ft lbf)	-	
46	-	ALLEN SCREW - 44 + 5 Nm (32 + 4 ft lbf)	-	
56	-	ALLEN SCREW - 100 + 10 Nm (74 + 7 ft lbf)	-	
59	-	ALLEN SCREW - 250 + 20 Nm (184 + 15 ft lbf)	-	
106	-	ALLEN SCREW - 1350 + 50 Nm (996 + 37 ft lbf)	-	
108	-	ALLEN SCREW - 530 + 30 Nm (391 + 22 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 - 270 + 10 Nm (199 + 7 ft lbf)	-	
662	-	ALLEN SCREW - 75 + 10 Nm (55 + 7 ft lbf)	-	
667	-	ALLEN SCREW - 75 Nm (18 ft lbf)	-	A
669	-	ALLEN SCREW - 75 + 10 Nm (55 + 7 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 - 75 + 10 Nm (55 + 7 ft lbf)	-	
706	-	ALLEN SCREW - 25 Nm (18 ft lbf)	-	
757	-	SCREW HATCON - 22 Nm (16 ft lbf)	-	
925	-	ALLEN SCREW - 255 + 30 Nm (188 + 22 ft lbf)	-	
929	-	ALLEN SCREW - 1300 + 50 Nm (959 + 37 ft lbf)	-	
934	-	ALLEN SCREW - 75 + 10 Nm (55 + 7 ft lbf)	-	
936	-	ALLEN SCREW - 75 + 10 Nm (55 + 7 ft lbf)	-	

Comments for Page: Tightening torques

(L)OCAL REMARKS

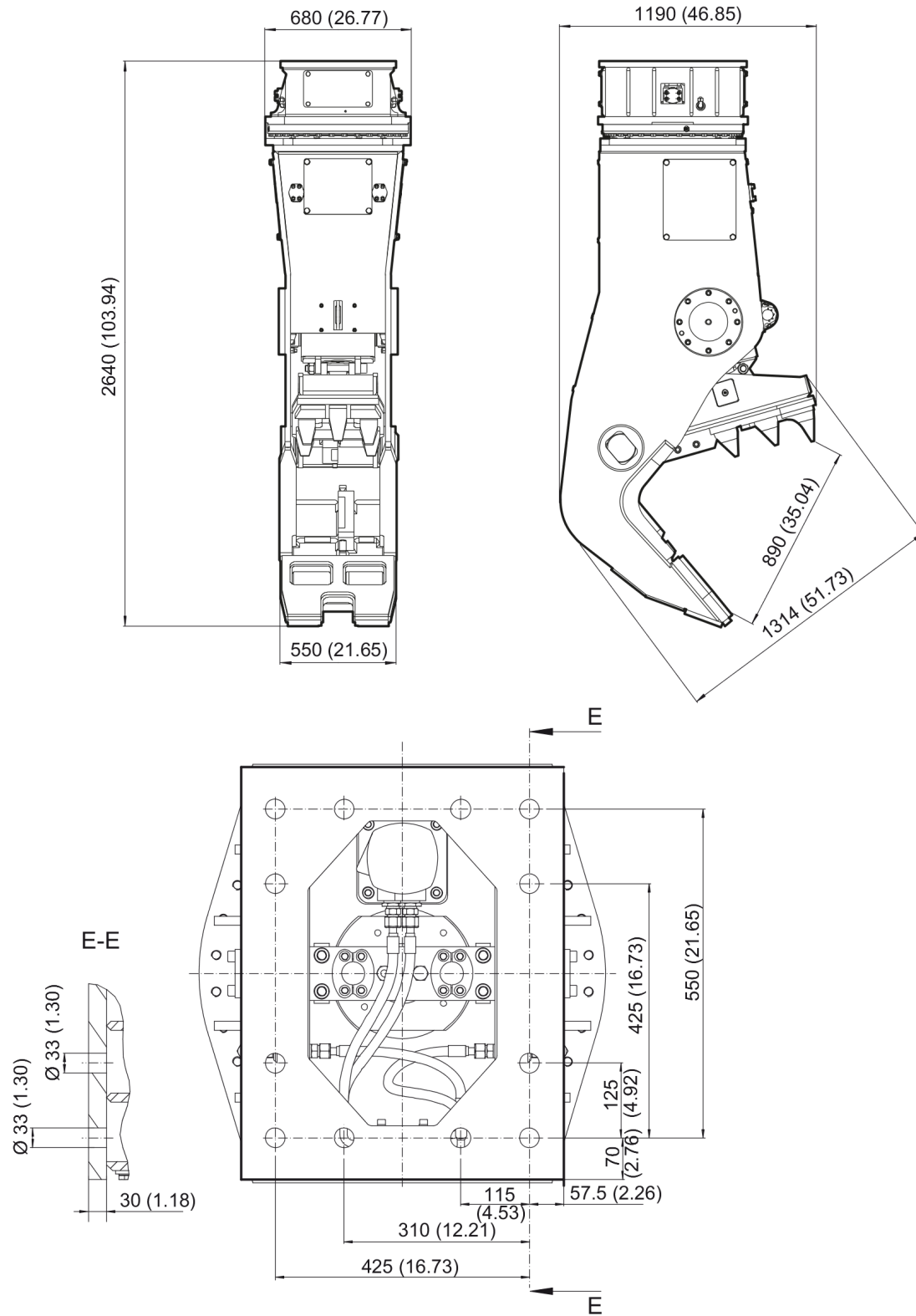
A | fix with Loctite 243

Mechanical Dimensions BP 2050 non rotating



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Mechanical Dimensions BP 2050 rotating



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Options / accessories Hydraulic hoses - non rotating

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

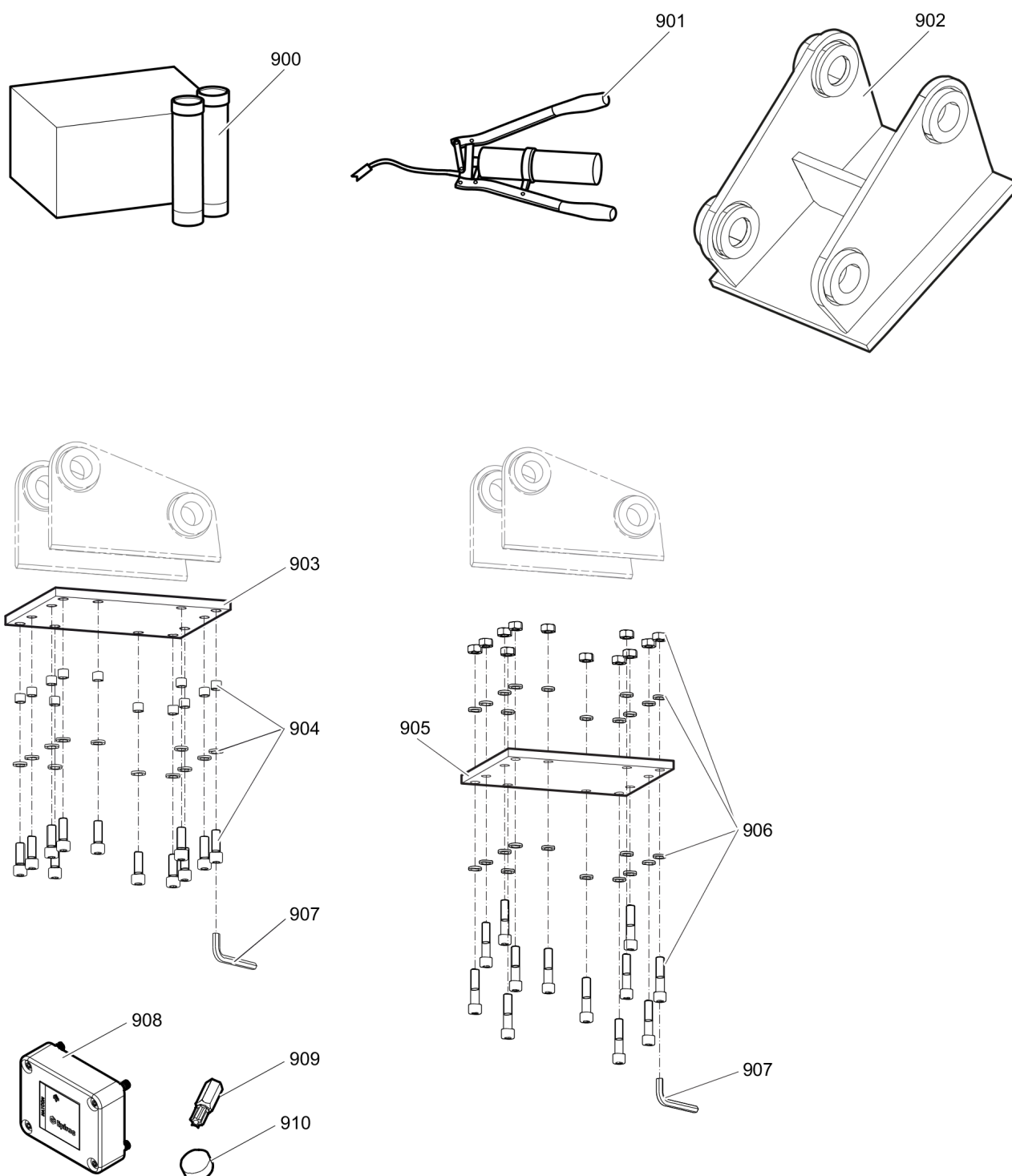
Item	Part No.	Name	Qty	L
-	3360992340	HYDRAULIC HOSE, I.D. 25 (1"), both ends M42 x 2 conical seal 24°, length 2300 mm (91 in.)	2	
-	3361853859	HYDRAULIC HOSE, I.D. 25 (1"), both ends M42 x 2 conical seal 24°, length 2800 mm (110 in.)	2	

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	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
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

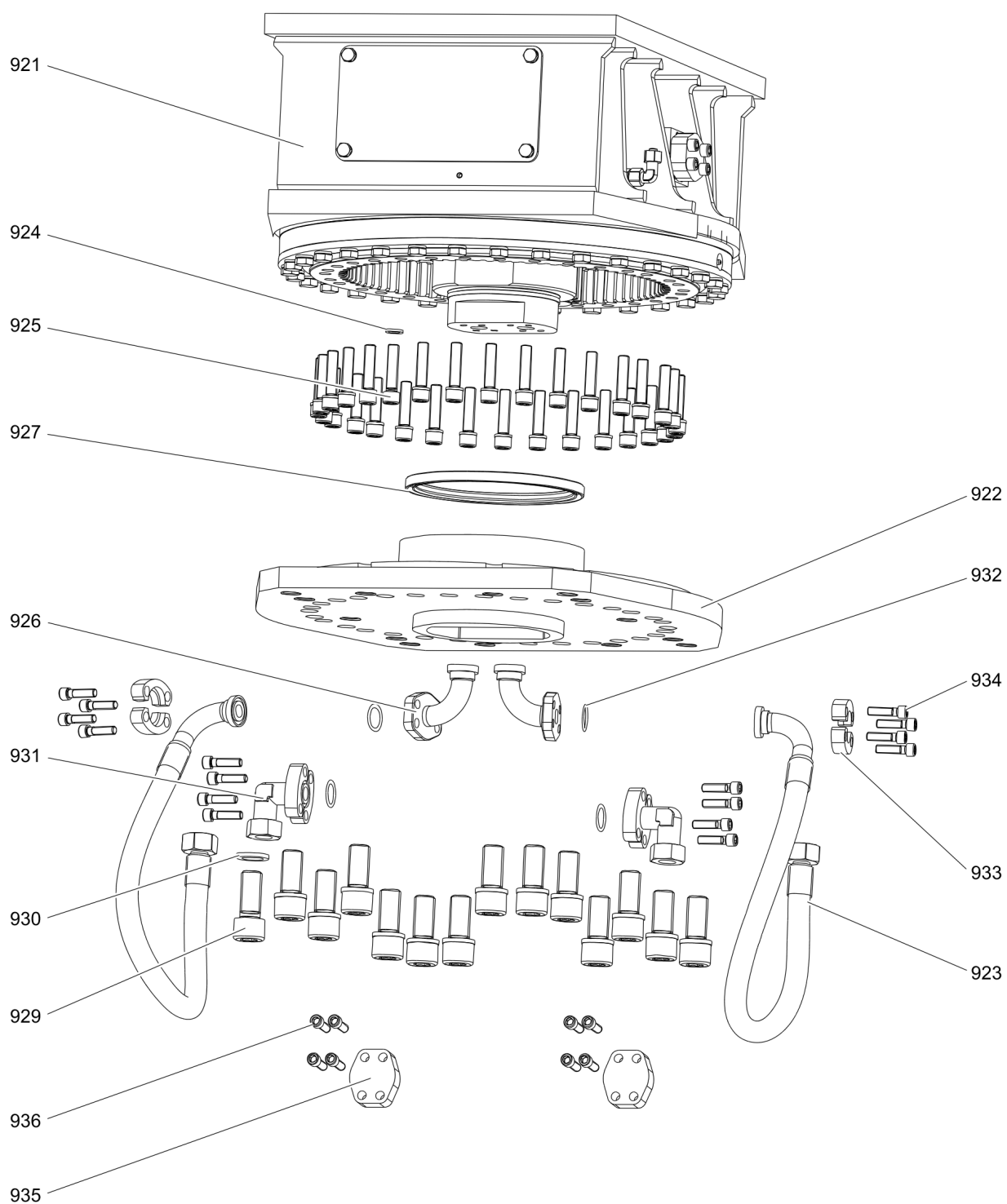
Pulverizers are factory equipped with threads for attaching Retrofit kit HATCON

from s/n DEQ219169 - (BP 2050)

from s/n DEQ219171 - (BP 2050 R)

from s/n DEQ219162 - (DP 2000)

Options / accessories Optional equipment 2



Item	Part No.	Name	Qty	L
920(921-936)	3363113132	ROTATION KIT	1	
921	3363100235	UPPER PART, complete	1	
922	3363111927	PLATE	1	
923	3363112004	HYDRAULIC HOSE	2	
924	3361333703	PAIR OF LOCK WASHERS	32	
925	3363034481	ALLEN SCREW	32	
926	3363093797	CONNECTION	2	
927	3362267680	ROTARY SHAFT SEAL	1	
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	3363034040	BLIND FLANGE	2	A
936	3360026512	ALLEN SCREW	8	

Comments for Page: Optional equipment 2

A | with item 936

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