Spare Parts Catalogue

Spare parts catalogue **CR191165** - Revision: **0 (09/2014)**

Valid for product serial no. **15660**

14T2200

Triplex mud pump

DRILLMEC S.p.A.
Drilling Technologies
a **TREVIGROUP** company

12, Via 1 Maggio
I-29027 Gariga di Podenzano
PIACENZA (Italy)

Corporate web site: http://www.drillmec.com
E-Mail: info@drillmec.com
Phone: +39.0523.354211
Fax: +39.0523.524418

Customer Care & Spare Parts Service
Service & Parts Online Center: http://spl.web.trevispa.com
E-Mail: onlineservice@drillmec.com
Phone: +39.0523.354211
Fax: +39.0523.524418

Warning

Neither the whole of this document nor any individual portion thereof may be reproduced, stored on an electronic filing system or transmitted to third parties in any form or by any means, without the prior written consent of DRILLMEC S.p.A.

The technical data contained in this document is indicative and not binding, insofar as DRILLMEC S.p.A. reserves the right to make modifications and improvements to its products at any time in order to enhance the quality thereof.

Introduction

This catalogue has been designed to help you identify, locate and order replacement parts and to check the assembly position of the spare parts in stock.

- The catalogue contains instructions for consultation and ordering spare parts, the search indexes and the spare parts drawings themselves.
- Each machine is divided into several functional groups or assemblies and each functional group is in turn composed of one or more spare parts drawings, depending on its complexity.
- The index of functional groups or assemblies is therefore the main search key you should use to locate the illustration you want and the specific part you require.
- For further information, please contact the DRILLMEC Customer Service.

Description of spare parts drawings (legend)

A. Machine model name.

B. Machine serial number.

C. Code of spare parts catalogue.

D. Revision index of spare parts catalogue and related updating date.

E. Description of functional group.

F. Functional group number.

G. Description of spare parts drawing.

H. Code of spare parts drawing.

I. Revision index of spare parts drawing and related updating date.

J. Spare parts drawing (exploded drawing, technical drawing or photograph) complete with position numbers and references.

K. “Position” column: indicating the position numbers of the parts illustrated.

L. “Code” column: giving the DRILLMEC code numbers that uniquely identify the replacements parts.

M. “Quantity” column: giving the exact quantities of the parts shown in the illustration.

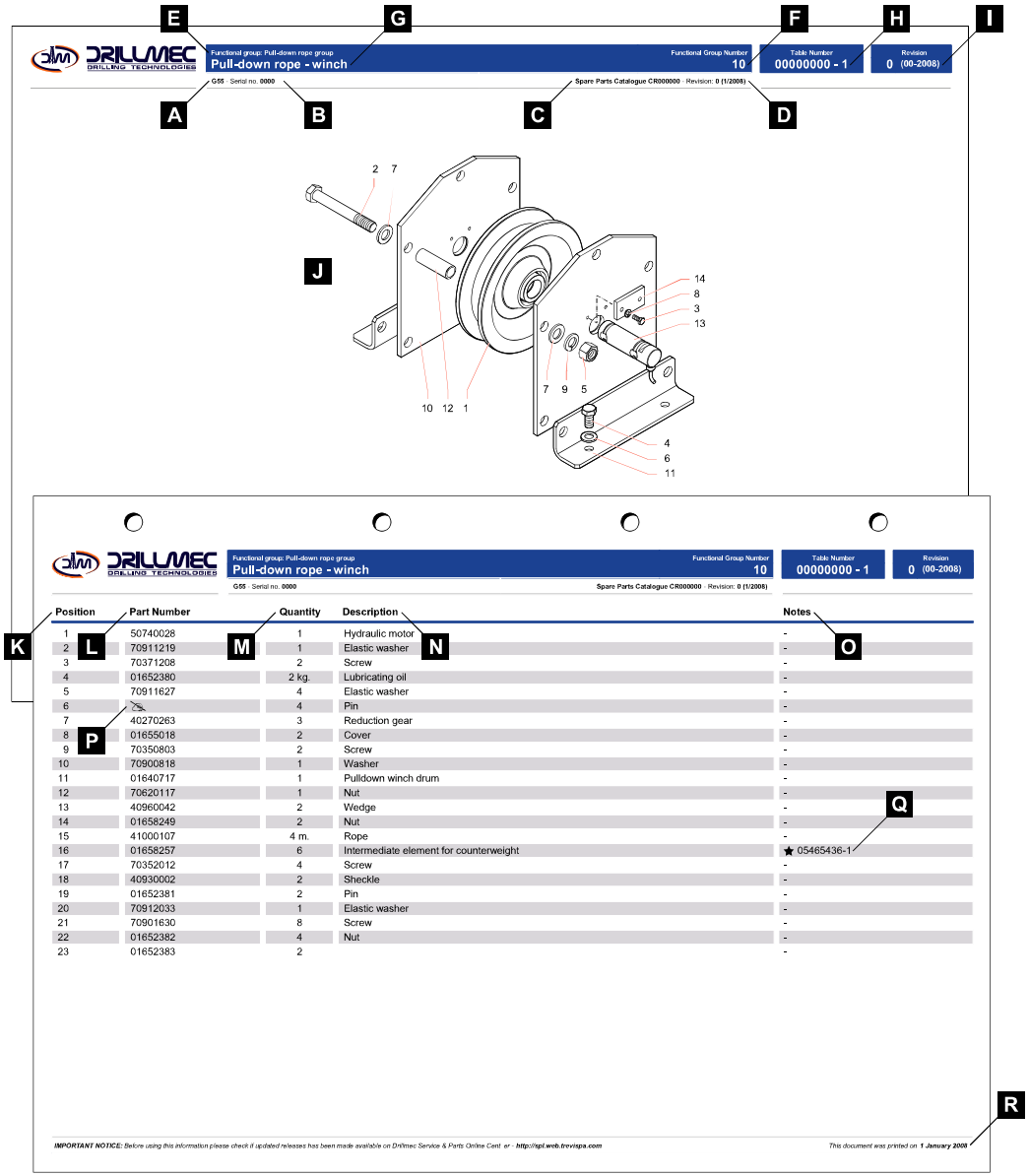
N. “Description” column: giving the short names of the replacements parts.

O. “Note” column: giving brief information related the item (also by means of symbols).

P. Symbol ( ) associated with a spare part temporarily without part number: to identify the part you must specify on the order the “code of spare parts drawing” (**H**) complete with the "revision index" (**I**) and the position number of the spare part.

Q. Symbol (★) associated with a spare part represented in detail in the spare part drawing identified with the code.

R. Date of print of the document.

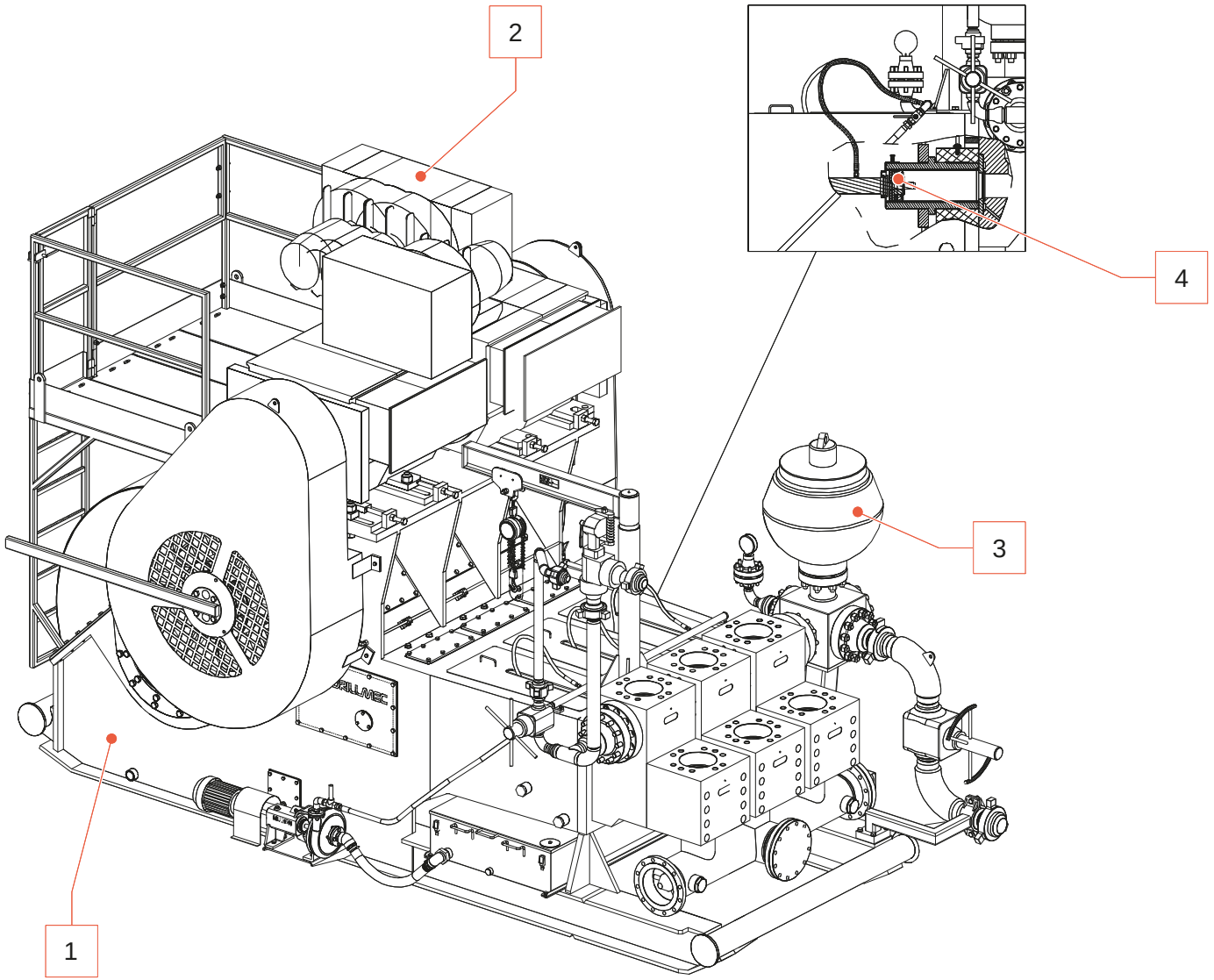


How to order spare parts

To order spare parts you must provide the DRILLMEC Customer Service with the following information:

- Model and serial number of the machine, plus the spare parts catalogue code and revision number (all of this information is shown on the cover of the catalogue).
- Part number, description and quantity of the spare parts you wish to order.
  If any of the parts do not have a part number you must specify the complete code number of the spare parts drawing in which the spare parts appear, together with their position number.
- Company name, full address and telephone number of the party placing the order.
  You must also specify the address to which the parts should be sent and the mode of transport/carrier to be used (if this last item of information is not given, DRILLMEC reserves the right to choose the most convenient mode of transport/carrier).

General index of machine functional groups


2
4
3
1

1 Triplex pump group

Table	Revision	Description	Notes
01913133 - 1	0 (05-2007)	Hydraulic system for valve seat puller	-
01919100 - 1	0 (03-2013)	P-Quip assembly	-
01919103 - 1	0 (03-2013)	Jib crane	-
01919104 - 1	0 (03-2013)	Pinion and shaft assembly	-
01919105 - 1	0 (03-2013)	Crankshaft	-
01919105 - 2	0 (03-2013)	Crankshaft	-
01919107 - 1	0 (04-2013)	Lubrication assembly	-
01919107 - 2	0 (04-2013)	Lubrication assembly	-
01919107 - 3	0 (04-2013)	Lubrication assembly	-
01919107 - 4	0 (04-2013)	Lubrication assembly	-
01919107 - 5	0 (04-2013)	Lubrication assembly	-
01919108 - 1	0 (03-2013)	Crosshead assembly	-
01919109 - 1	0 (02-2013)	Hydraulic system for valve seat puller	-
01919110 - 1	0 (03-2013)	Valve seat puller	-
01919111 - 1	0 (03-2013)	Fluid end	-
01919111 - 2	0 (03-2013)	Fluid end	-
01919112 - 1	0 (03-2013)	Pulsations dampener of intake line	-
01919113 - 1	0 (03-2013)	Liners cooling system	-
01919119 - 1	0 (04-2013)	Power end	-
01919119 - 2	0 (04-2013)	Power end	-
01919119 - 3	0 (05-2013)	Power end	-
40392138 - 1	0 (03-2013)	API 8" full-open valve kit	-

2 Electric motors group

Table	Revision	Description	Notes
01919118 - 1	0 (02-2013)	V-belt transmission	-
01919146 - 1	0 (09-2014)	Electric motors	-

3 Power pump preparation group

Table	Revision	Description	Notes
01913114 - 1	1 (01-2007)	Charging kit for pulsations dampener	-
01919121 - 1	0 (02-2013)	Liners cooling system	-
01919123 - 1	0 (02-2013)	Cross pressure line manifold	-
01919151 - 1	0 (09-2014)	Preparation of power pump on skid	-
01919151 - 2	0 (09-2014)	Preparation of power pump on skid	-
01919152 - 1	0 (09-2014)	Pressure line	-
40391670 - 1	0 (11-2011)	Pulsations dampener	-

4 Liner and piston group

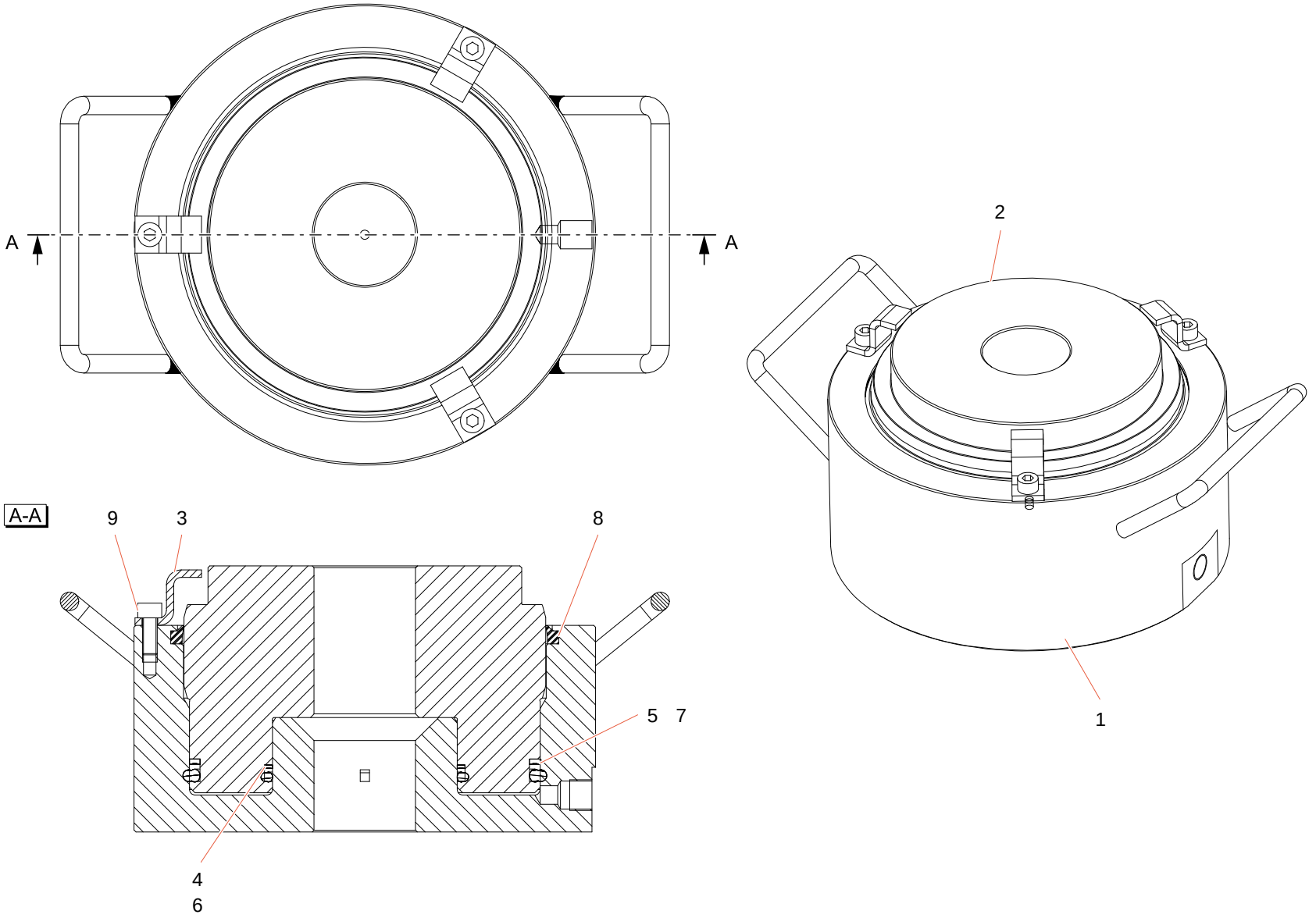
Table	Revision	Description	Notes
01919155 - 1	0 (09-2014)	Ø 5" liner and piston kit	-

Spare parts drawings listed by functional group

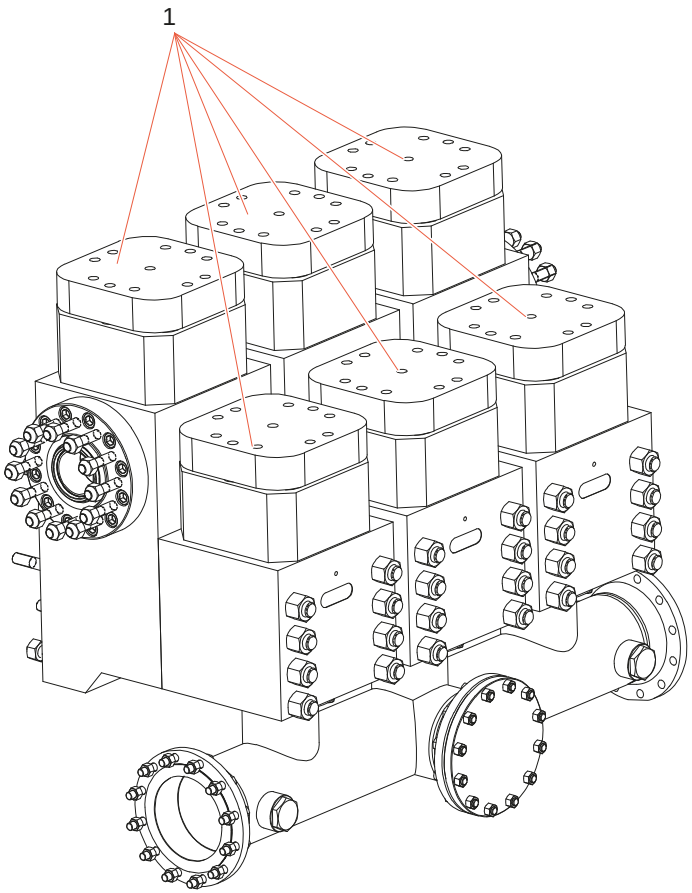
Page intentionally left blank

1 Triplex pump group

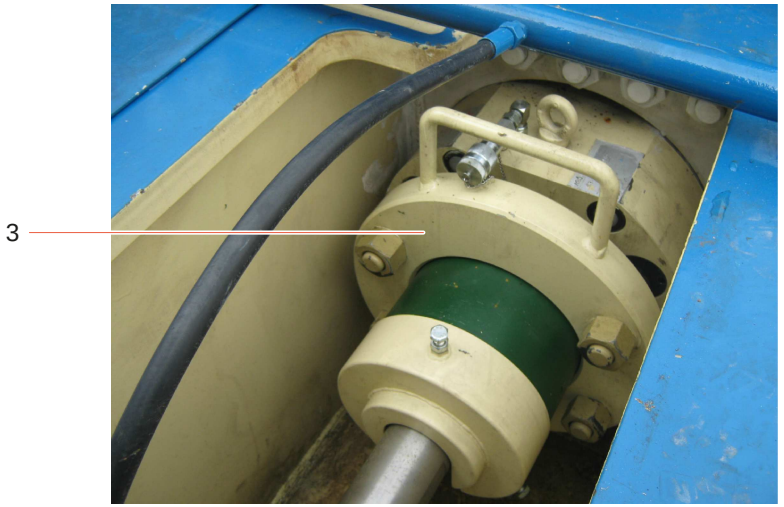
Table	Revision	Description	Notes
01913133 - 1	0 (05-2007)	Hydraulic system for valve seat puller	-
01919100 - 1	0 (03-2013)	P-Quip assembly	-
01919103 - 1	0 (03-2013)	Jib crane	-
01919104 - 1	0 (03-2013)	Pinion and shaft assembly	-
01919105 - 1	0 (03-2013)	Crankshaft	-
01919105 - 2	0 (03-2013)	Crankshaft	-
01919107 - 1	0 (04-2013)	Lubrication assembly	-
01919107 - 2	0 (04-2013)	Lubrication assembly	-
01919107 - 3	0 (04-2013)	Lubrication assembly	-
01919107 - 4	0 (04-2013)	Lubrication assembly	-
01919107 - 5	0 (04-2013)	Lubrication assembly	-
01919108 - 1	0 (03-2013)	Crosshead assembly	-
01919109 - 1	0 (02-2013)	Hydraulic system for valve seat puller	-
01919110 - 1	0 (03-2013)	Valve seat puller	-
01919111 - 1	0 (03-2013)	Fluid end	-
01919111 - 2	0 (03-2013)	Fluid end	-
01919112 - 1	0 (03-2013)	Pulsations dampener of intake line	-
01919113 - 1	0 (03-2013)	Liners cooling system	-
01919119 - 1	0 (04-2013)	Power end	-
01919119 - 2	0 (04-2013)	Power end	-
01919119 - 3	0 (05-2013)	Power end	-
40392138 - 1	0 (03-2013)	API 8" full-open valve kit	-


A
A
A-A
9
3
8
5
7
4
6
2
1

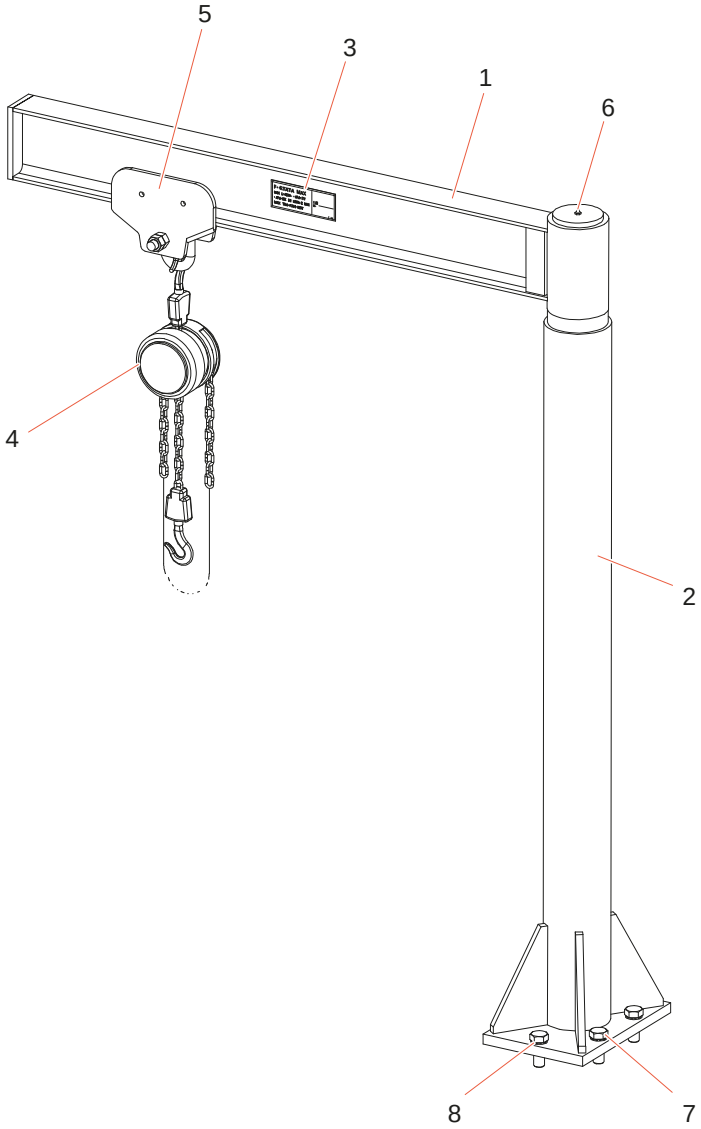
Position	Part Number	Quantity	Description	Notes
1	01913391	1	Body	-
2	01913392	1	Body	-
3	01913393	3	Bracket	-
4	52106387	1	O-ring	-
5	52108700	1	O-ring	-
6	52158344	1	Retaining ring	-
7	52158441	1	Retaining ring	-
8	52500072	1	Scraper ring	-
9	70370804	3	Screw	-


1

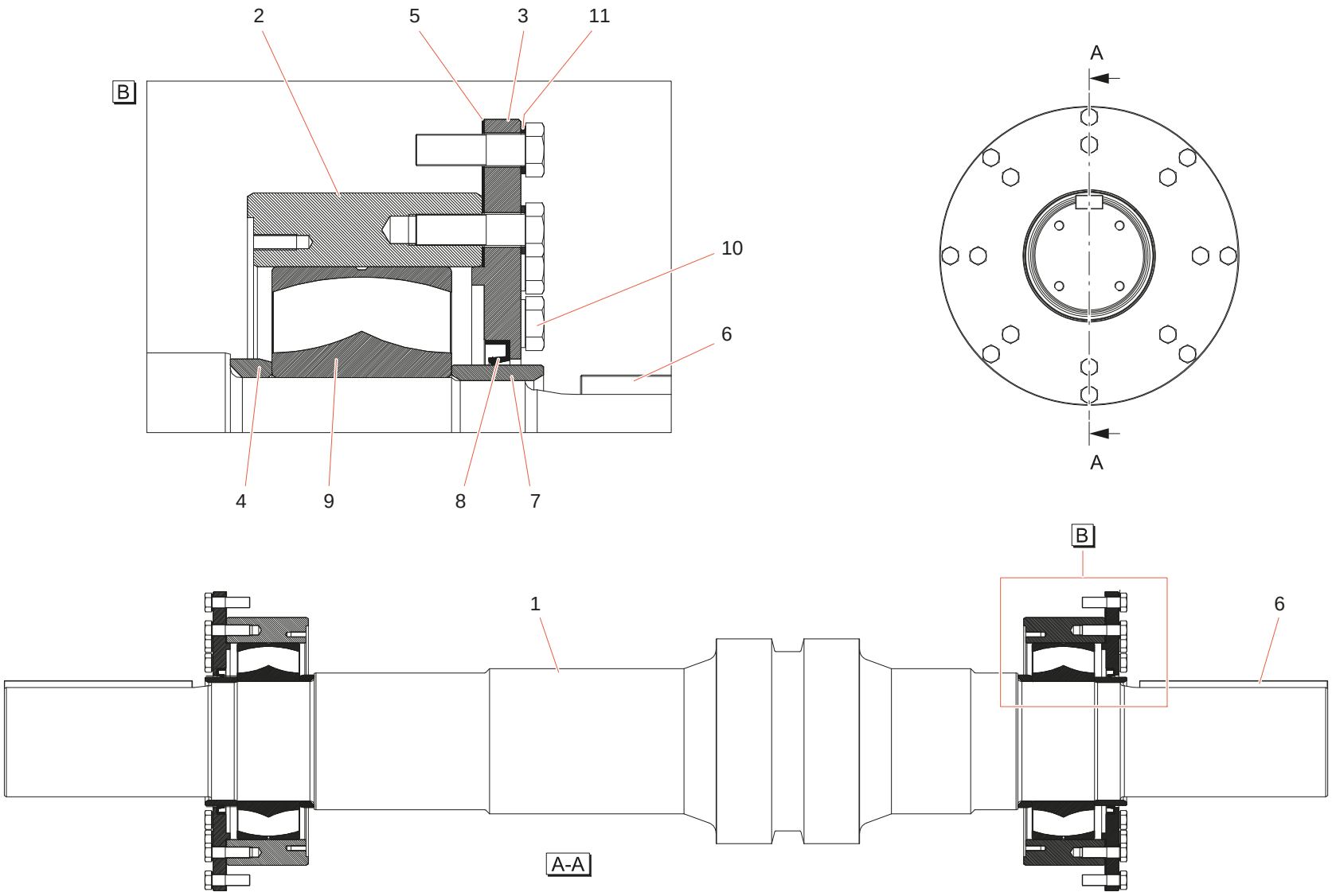

2


3

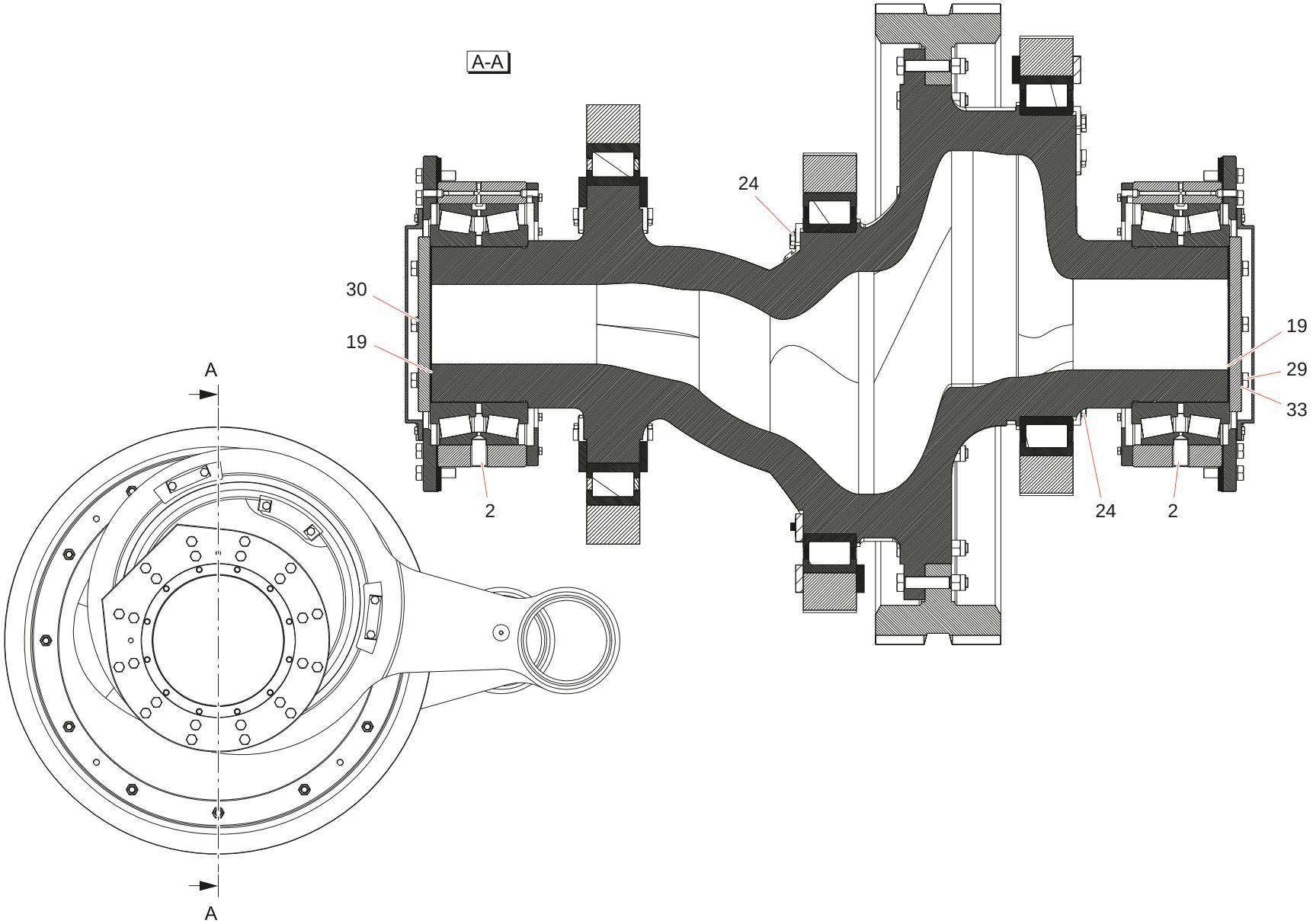
Position	Part Number	Quantity	Description	Notes
1	40392125	6	P-quip valve cover retention system	-
2	40392126	3	P-quip mud pump rod systems	-
3	40392127	3	P-quip liner retention systems	-


5
3
1
6
4
2
8
7

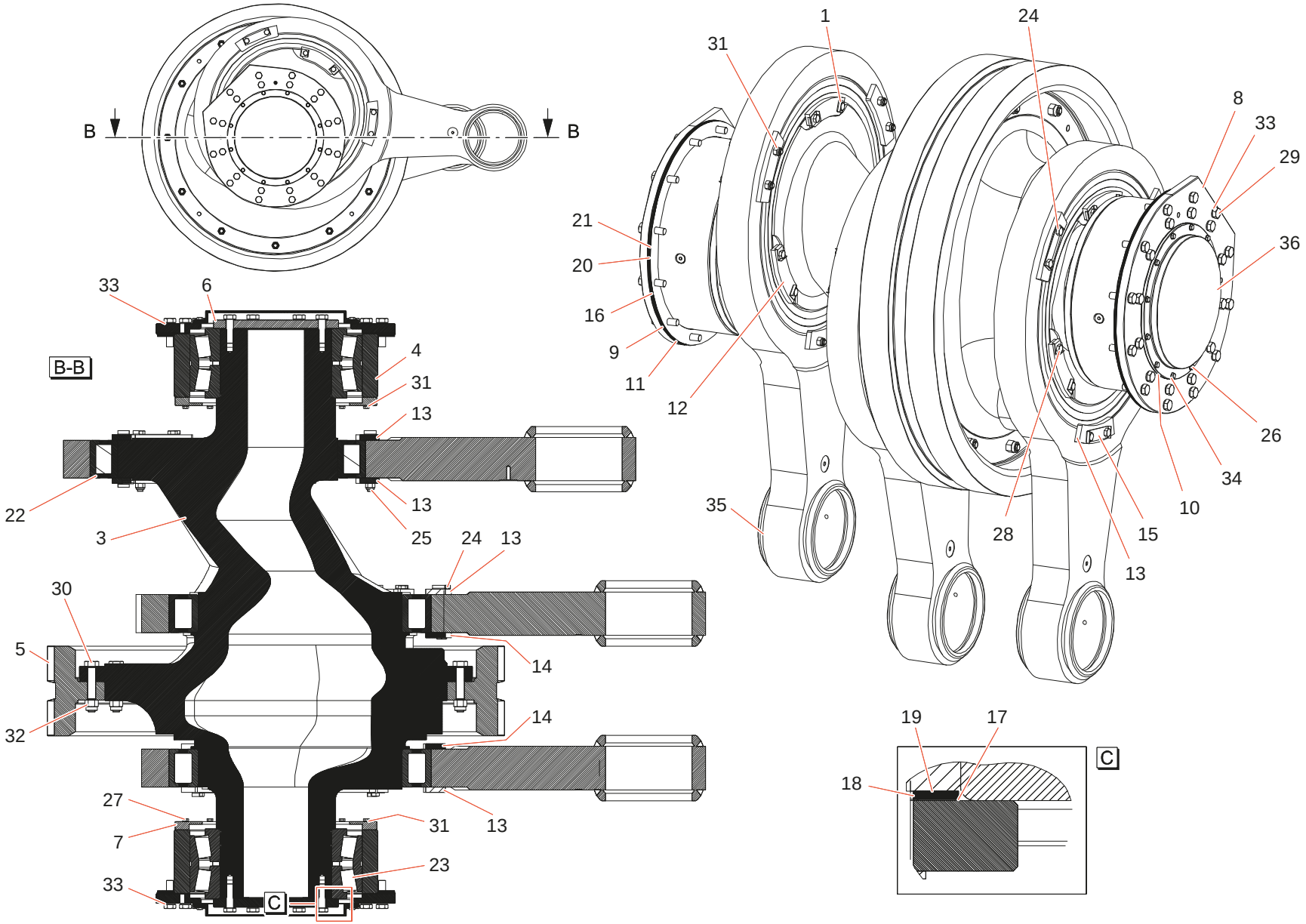
Position	Part Number	Quantity	Description	Notes
1	01917703	1	Jib crane arm	-
2	01919534	1	Column	-
3	09530791	1	Indication plate	-
4	41040035	1	Hoist	-
5	41040312	1	Trolley	-
6	61000004	1	Greasing nipple	-
7	70390124	6	Screw	-
8	70902045	6	Plain washer	-


2
5
3
11
B
10
6
4
9
8
7
A
A
B
1
6
A-A

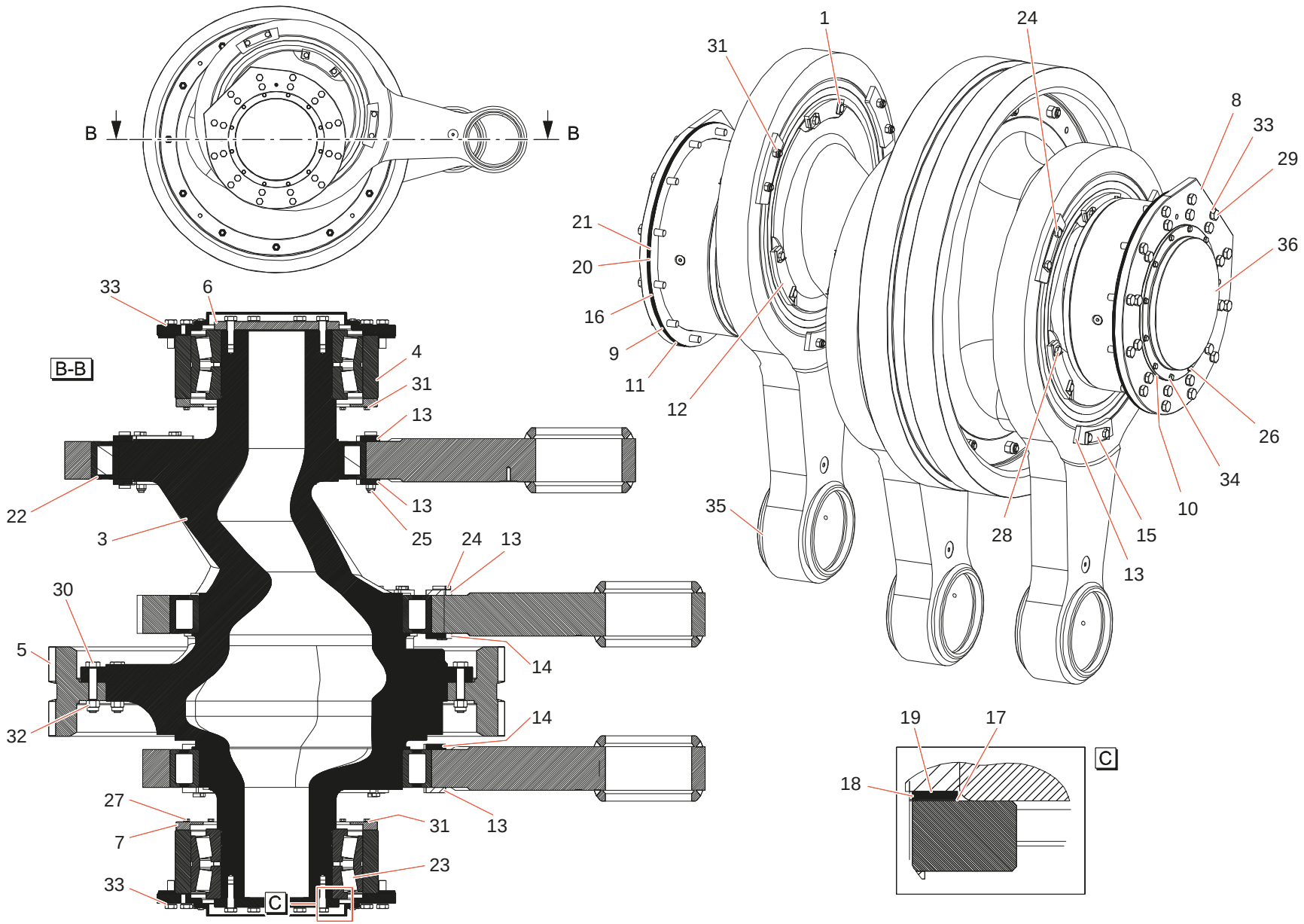
Position	Part Number	Quantity	Description	Notes
1	01919401	1	Pinion shaft	-
2	01919412	2	Support	-
3	01919413	2	Cover	-
4	01919414	2	Spacer	-
5	01919416	2	Gasket	-
6	01919417	2	Tang	-
7	01919427	2	Spacer	-
8	52701077	2	Sealing ring	-
9	61070206	2	Bearing	-
10	70390142	32	Screw	-
11	70902047	32	Plain washer	-


A-A
24
30
19
19
29
33
2
24
2
A
A

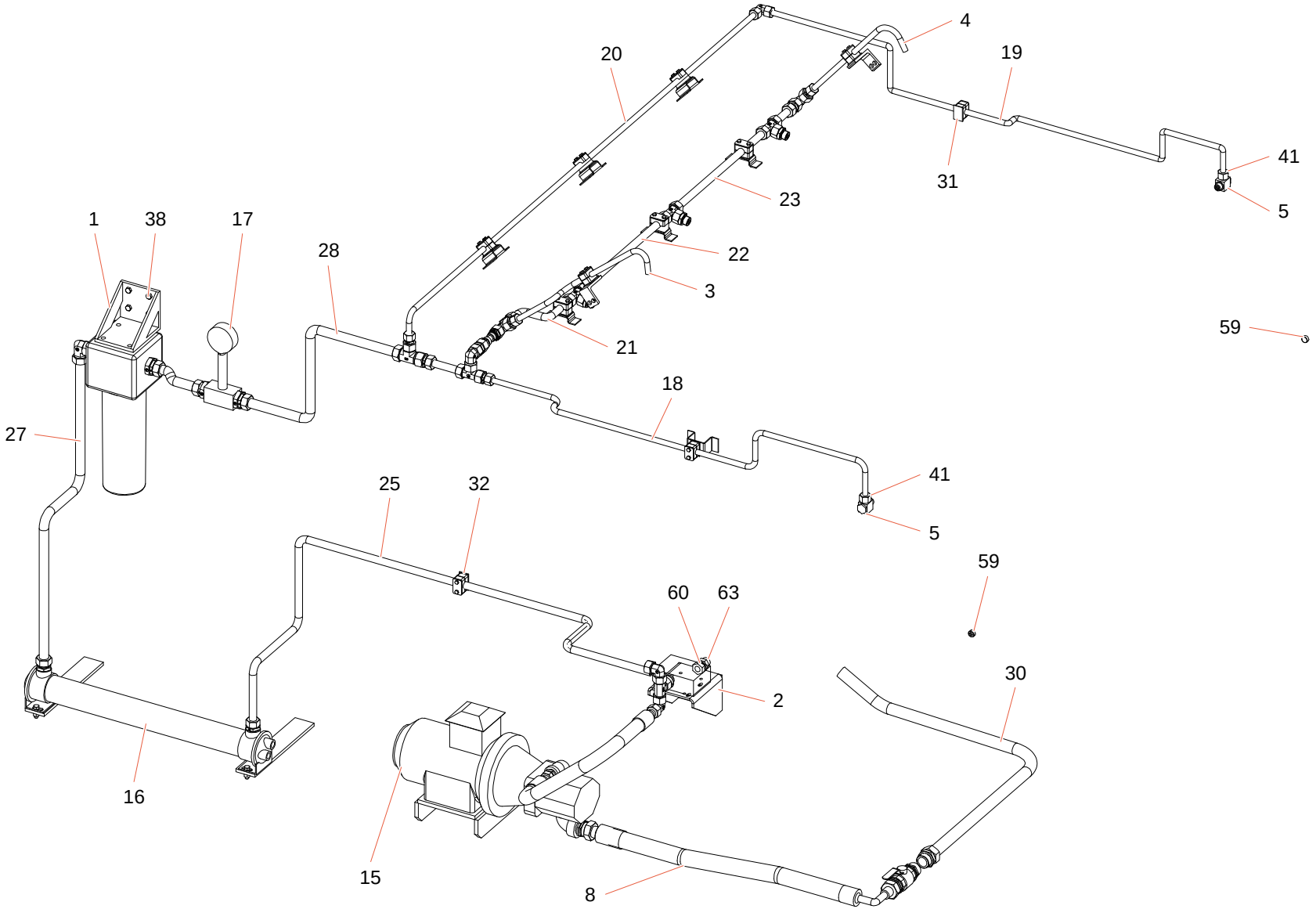
Position	Part Number	Quantity	Description	Notes
2	01917550	2	Pin	-
19	01919440	2	Shim	-
24	70312037	12	Screw	-
29	70390142	60	Screw	-
30	70550043	12	Screw	-
33	70902047	72	Plain washer	-


B
B
B-B
C
1
24
31
8
33
29
21
20
36
16
9
11
12
26
34
10
35
28
15
13
33
6
4
31
13
13
22
3
25
24
13
30
5
14
14
32
27
31
13
7
23
33
C
19
17
18
C

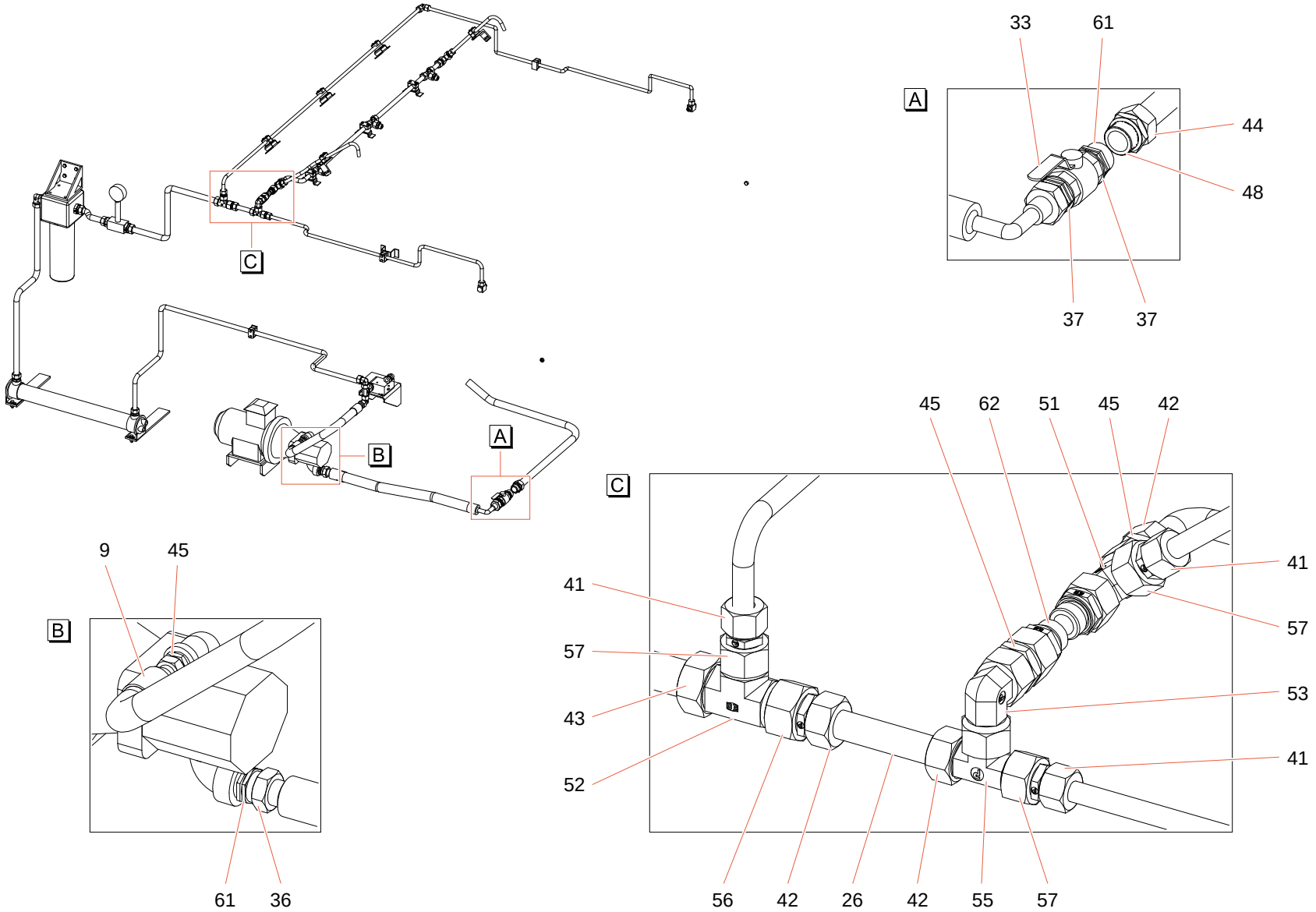
Position	Part Number	Quantity	Description	Notes
1	01917434	24	Plate	-
3	01919402	1	Shaft	-
4	01919415	2	Support	-
5	01919425	1	Cogwheel	-
6	01919426	2	Washer	-
7	01919428	2	Flange	-
8	01919429	2	Flange	-
9	01919430	2	Gasket	-
10	01919431	2	Gasket	-
11	01919432	4	Shim	-
12	01919433	12	Plate	-
13	01919434	12	Plate	-
14	01919435	6	Plate	-
15	01919436	9	Plate	-
16	01919437	4	Shim	-
17	01919438	2	Shim	-
18	01919439	4	Shim	-
19	01919440	2	Shim	-
20	01919536	4	Shim	-
21	01919537	4	Shim	-
22	61070207	3	Bearing	-
23	61070208	2	Roller bearing	-
24	70312037	12	Screw	-
25	70312042	6	Screw	-
26	70390061	24	Screw	-
27	70390066	24	Screw	-
28	70390112	24	Screw	-
29	70390142	60	Screw	-
30	70550043	12	Screw	-
31	70612024	6	Self-locking nut	-
32	70630010	12	Self-locking nut	-
33	70902047	72	Plain washer	-
34	70902048	48	Plain washer	-


B
B
B-B
C
1
24
31
8
33
29
21
20
36
16
9
11
12
26
34
35
10
28
15
13
33
6
4
31
13
13
22
3
25
24
13
30
5
14
32
14
27
31
13
7
23
33
C
19
17
18
C

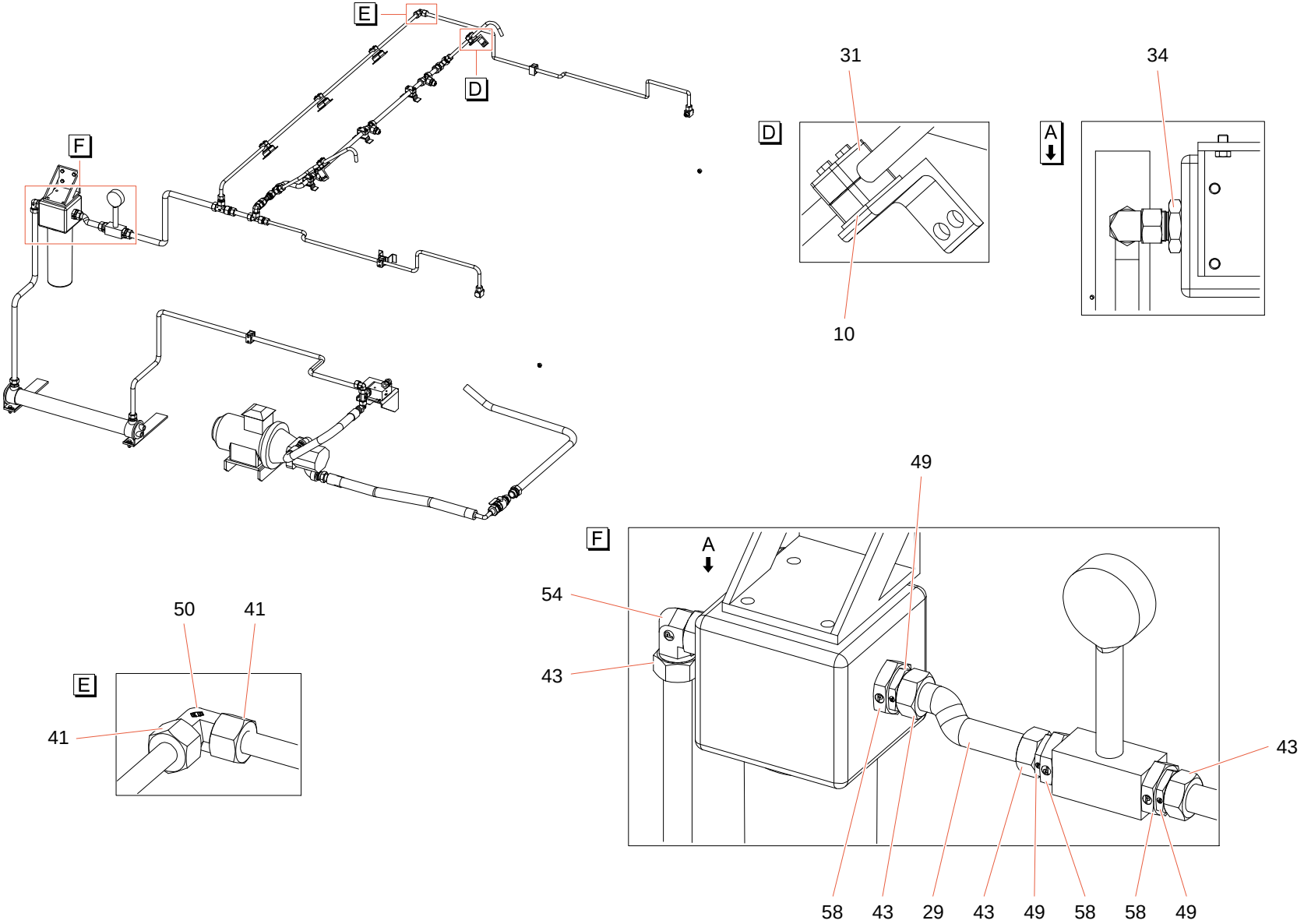
Position	Part Number	Quantity	Description	Notes
35	01919424	3	Connecting rod	-
36	01919441	2	Cover	-


4
20
19
41
31
23
5
1
38
17
28
22
3
59
21
18
27
41
25
32
5
59
60
63
30
2
16
15
8

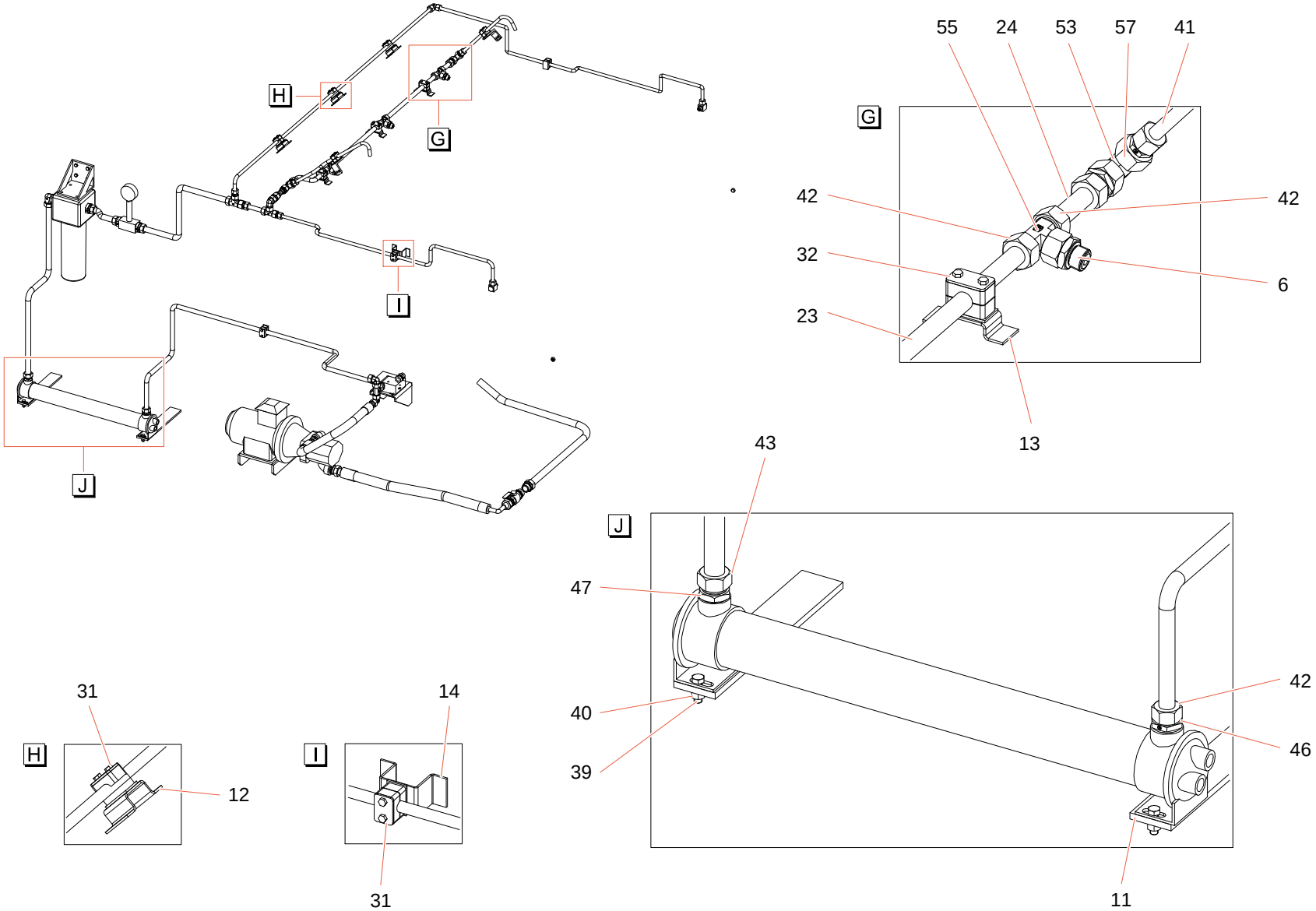
Position	Part Number	Quantity	Description	Notes
1	01913844	1	Support	-
2	01917662	1	Support	-
3	01919504	1	Pipe	-
4	01919505	1	Pipe	-
5	01919508	2	Pipe fitting	-
8	50600720	1	Flexible pipe	-
15	40110398	1	Electropump	-
16	40720333	1	Exchanger	-
17	47108065	1	Flowmeter	-
18	50030016	4 kg.	Pipe	-
19	50030016	4 kg.	Pipe	-
20	50030016	4 kg.	Pipe	-
21	50030022	5.1 kg.	Pipe	-
22	50030022	5 kg.	Pipe	-
23	50030022	5 kg.	Pipe	-
25	50030022	5 kg.	Pipe	-
27	50030024	3.5 kg.	Pipe	-
28	50030024	3 kg.	Pipe	-
30	50030035	2.5 kg.	Pipe	-
31	50041107	7	Clamp	-
32	50041110	5	Clamp	-
38	70390043	4	Screw	-
41	50051016X	8	Nut	-
59	50520037X	2	Tap	-
60	50590023X	1	Niple	-
63	50940236X	1	Pipe fitting	-


C
B
A
33
61
44
48
37
37
9
45
61
36
45
62
51
45
42
41
57
43
52
41
57
53
41
56
42
26
42
55
57

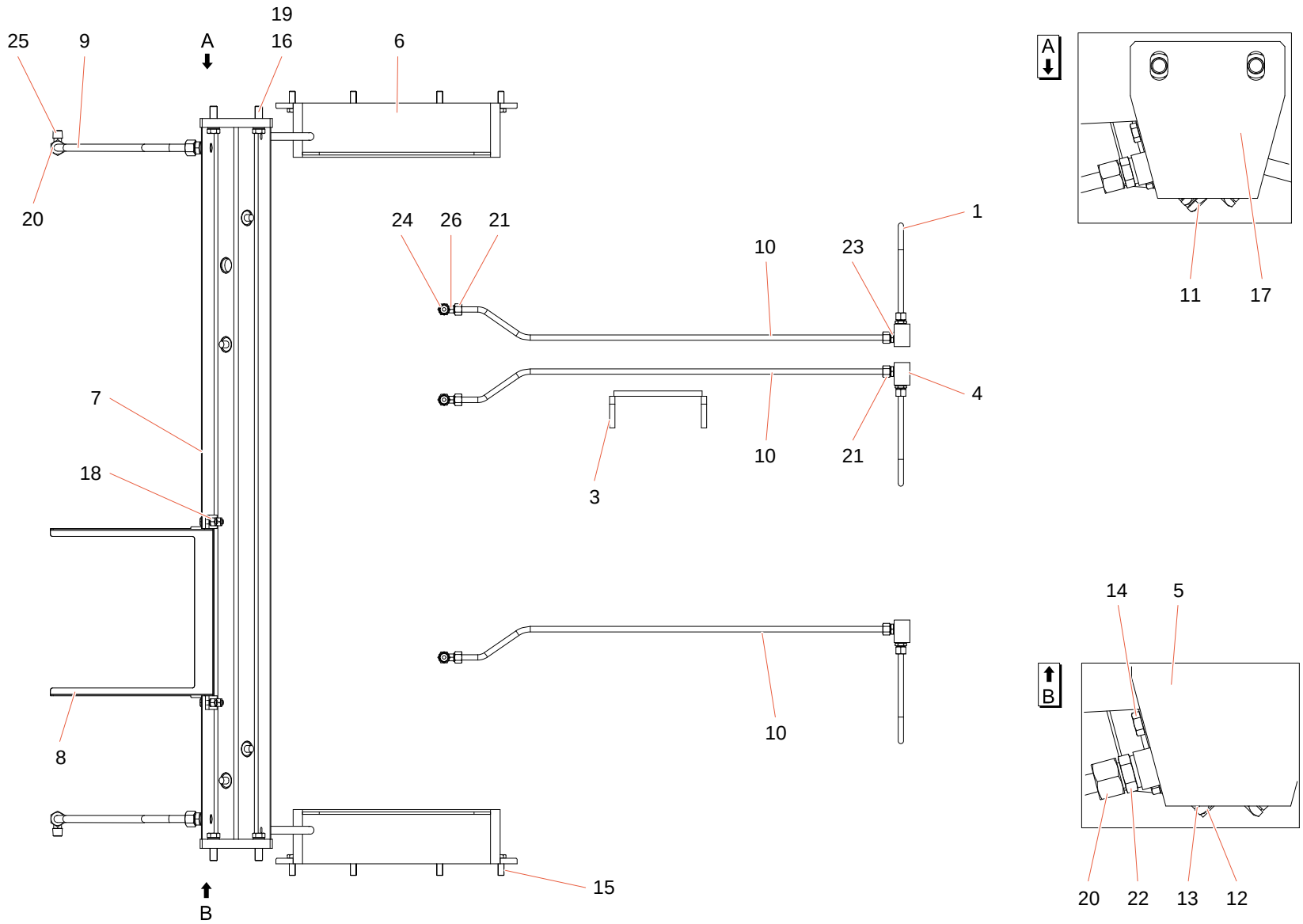
Position	Part Number	Quantity	Description	Notes
9	506035014	1	Flexible pipe	-
26	50030022	5 kg.	Pipe	-
33	50310385	1	Pipe fitting	-
36	52030033	2	Retaining washer	-
37	52030039	2	Retaining washer	-
41	50051016X	8	Nut	-
42	50051122X	13	Nut	-
43	50051128X	6	Nut	-
44	50051135X	1	Nut	-
45	50090122X	5	Pipe fitting	-
48	50090135X	1	Pipe fitting	-
51	50140122X	1	Connection	-
52	50180128X	1	Connection	-
53	50250112X	3	Pipe fitting	-
55	50260122X	5	Connection	-
56	50365010X	1	Connection	-
57	50365020X	4	Sub	-
61	50590024X	3	Niple	-
62	50920008X	2	Pipe fitting	-


E
D
F
31
D
10
34
A
49
F
A
54
43
50
41
E
41
43
58
43
29
43
49
58
58
49

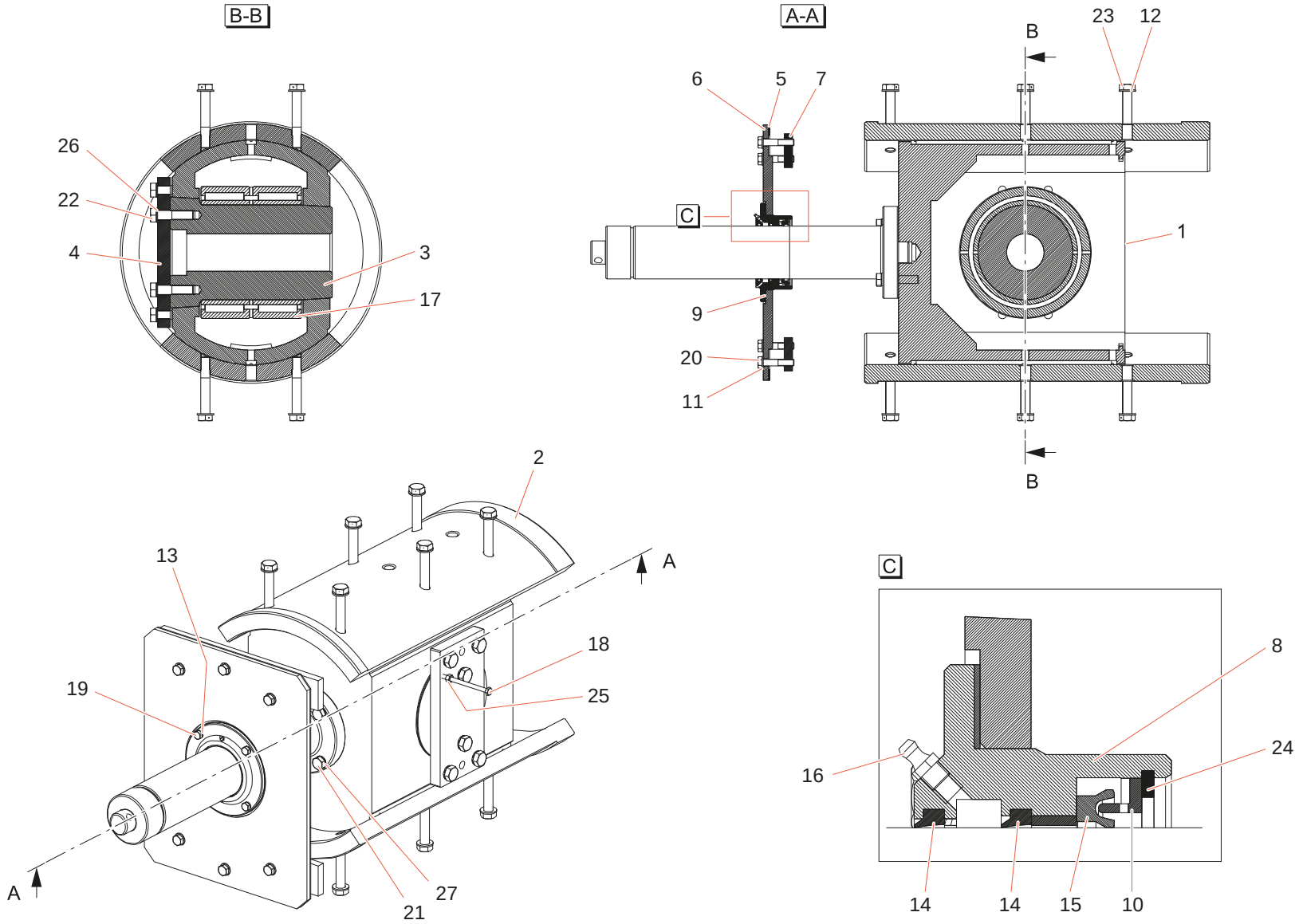
Position	Part Number	Quantity	Description	Notes
10	01917664	2	Support	-
29	50030024	3 kg.	Pipe	-
31	50041107	7	Clamp	-
34	50470895	1	Sub	-
41	50051016X	8	Nut	-
43	50051128X	6	Nut	-
49	50095229X	1	Pipe fitting	-
50	50100016X	1	Connection	-
54	50250128X	1	Connection	-
58	50501031X	3	Sub	-


H
G
I
J
55
24
53
57
41
42
42
32
6
23
13
43
47
40
39
42
46
11
31
12
14
31

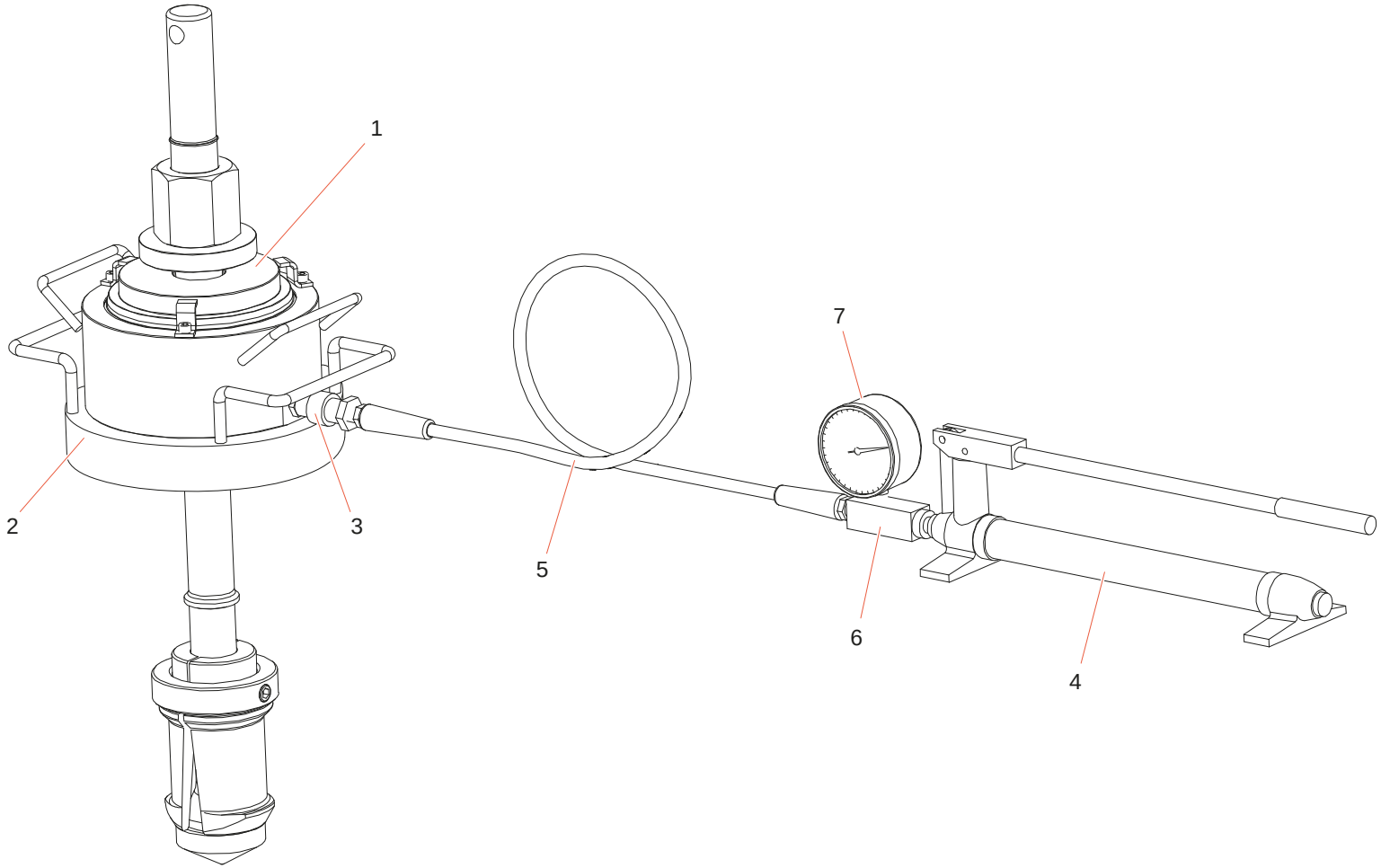
Position	Part Number	Quantity	Description	Notes
6	01919509	3	Pipe fitting	-
11	01919500	2	Plate	-
12	01919501	3	Support	-
13	01919502	3	Support	-
14	01919503	1	Support	-
23	50030022	5 kg.	Pipe	-
24	50030022	5 kg.	Pipe	-
31	50041107	7	Clamp	-
32	50041110	5	Clamp	-
39	70390046	4	Screw	-
40	70710007	4	Nut	-
41	50051016X	8	Nut	-
42	50051122X	13	Nut	-
43	50051128X	6	Nut	-
46	50090124X	1	Pipe fitting	-
47	50090128X	1	Pipe fitting	-
53	50250112X	3	Pipe fitting	-
55	50260122X	5	Connection	-
57	50365020X	4	Sub	-


25
9
A
19
16
6
20
24
26
21
1
10
23
7
4
18
10
21
3
10
8
15
B
A
11
17
14
5
B
20
22
13
12

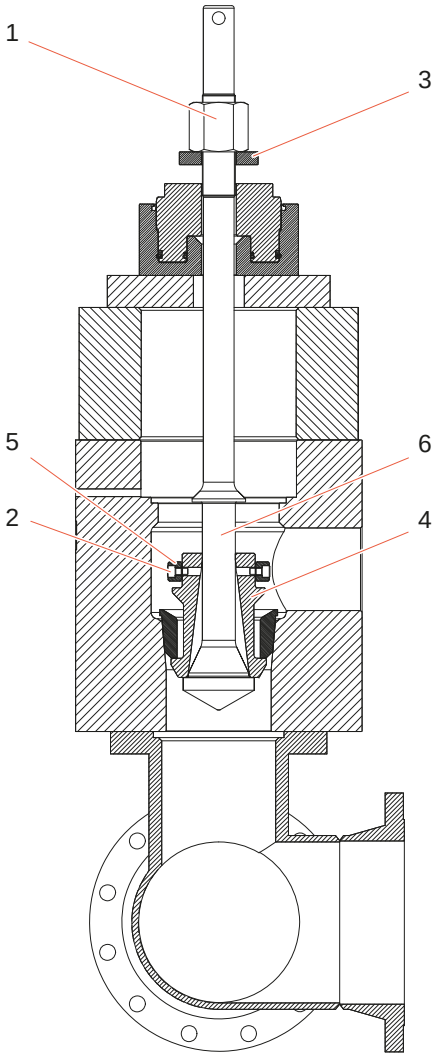
Position	Part Number	Quantity	Description	Notes
1	01919478	3	Lubrication pipe	-
2	01919509	3	Pipe fitting	-
3	01919535	1	Pump support	-
4	01913403	3	Block	-
5	01917600	2	Plate	-
6	01919474	2	Tank	-
7	01919475	1	Tank	-
8	01919476	1	Channel	-
9	01919477	2	Lubricantion pipe	-
10	01919479	3	Lubrication pipe	-
11	50520033	1	Cap	-
12	50530084	4	Magnetic plug	-
13	52020037	4	Retaining washer	-
14	70351006	4	Screw	-
15	70390062	8	Screw	-
16	70390094	4	Screw	-
17	70661010	4	Nut	-
18	70902007	4	Plain washer	-
19	70902010	4	Plain washer	-
20	50050016X	4	Nut	-
21	50050112X	9	Nut	-
22	50051016X	8	Nut	-
23	50051122X	13	Nut	-
24	50091014X	3	Pipe fitting	-
25	50101116X	2	Pipe fitting	-
26	50250122X	4	Connection	-

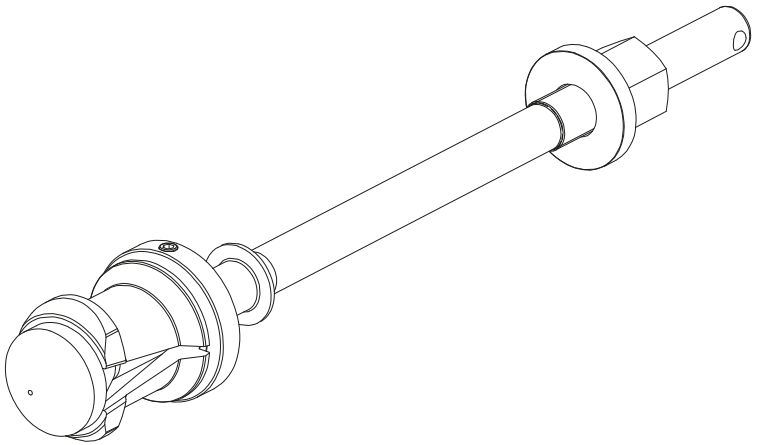

B-B
26
22
4
3
17
A-A
B
23
12
6
5
7
C
1
9
20
11
B
2
13
A
18
19
25
A
27
21
C
8
16
24
14
14
15
10

Position	Part Number	Quantity	Description	Notes
1	01919447	1	Body	-
2	01919418	2	Guide	-
3	01919419	1	Pin	-
4	01919420	1	Plate	-
5	01919421	1	Gasket	-
6	01919422	1	Cover	-
7	01919423	2	Bracket	-
8	01919448	1	Stuffing box seat	-
9	01919449	1	Gasket	-
10	01919450	1	Ring	-
11	52020201	6	Retaining washer	-
12	52020202	12	Retaining washer	-
13	52020213	4	Retaining washer	-
14	52700559	2	Gasket	-
15	52700893	1	Gasket	-
16	61000003	1	Greasing nipple	-
17	61070209	1	Bearing	-
18	70331028	1	Screw	-
19	70390062	4	Screw	-
20	70390098	6	Screw	-
21	70390116	4	Screw	-
22	70550102	6	Screw	-
23	70550103	12	Screw	-
24	70600160	1	Retaining ring	-
25	70661010	1	Nut	-
26	70902045	6	Plain washer	-
27	70902046	4	Washer	-

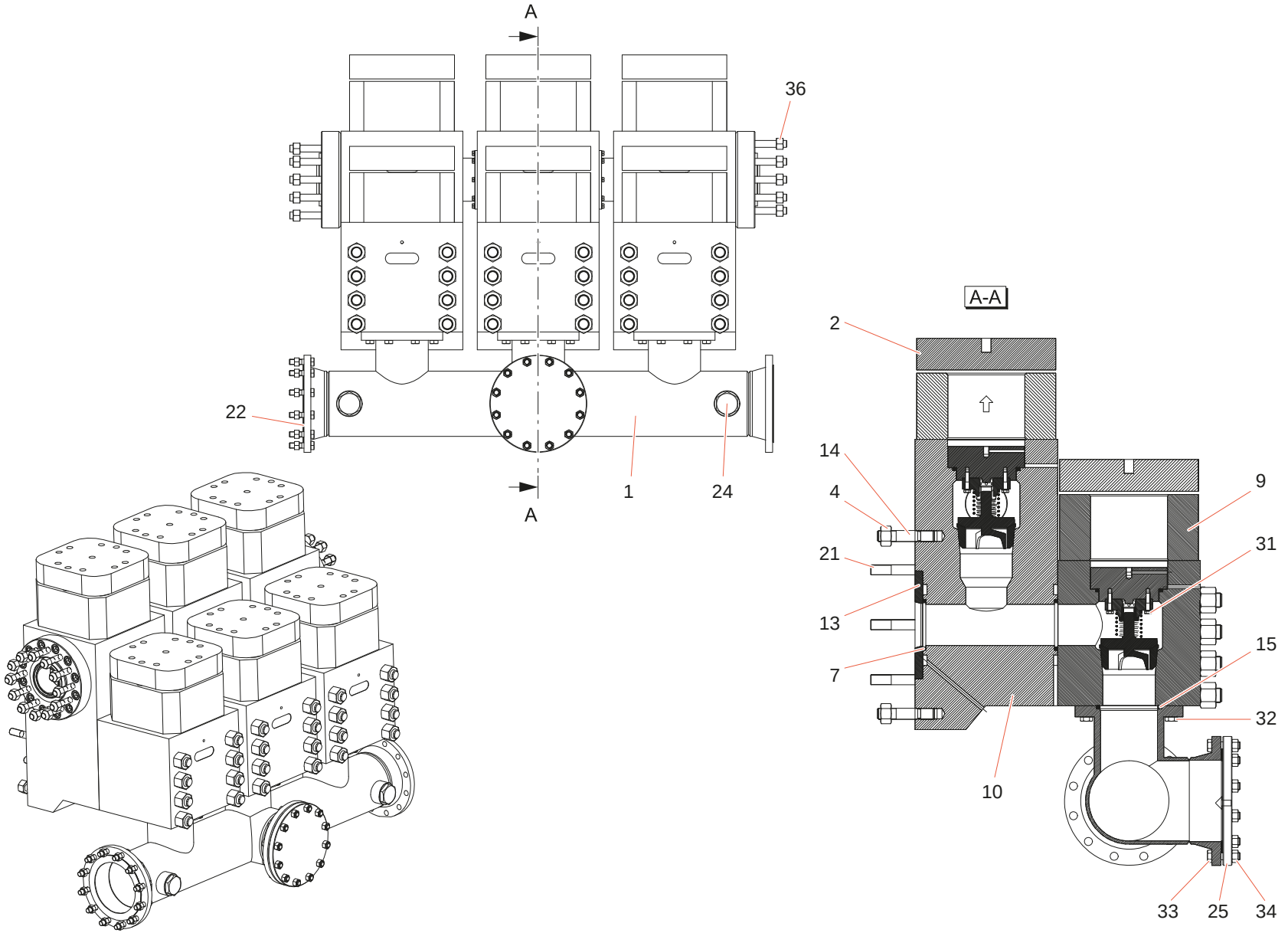

1
2
3
5
7
6
4

Position	Part Number	Quantity	Description	Notes
1	01913133	1	Jack	★ 01913133-1
2	01919459	1	Plate	-
3	09400063	1	Valve	-
4	09400107	1	Pump	-
5	09400108	1	Flexible hose	-
6	09400109	1	Adapter	-
7	09400110	1	Manometer	-

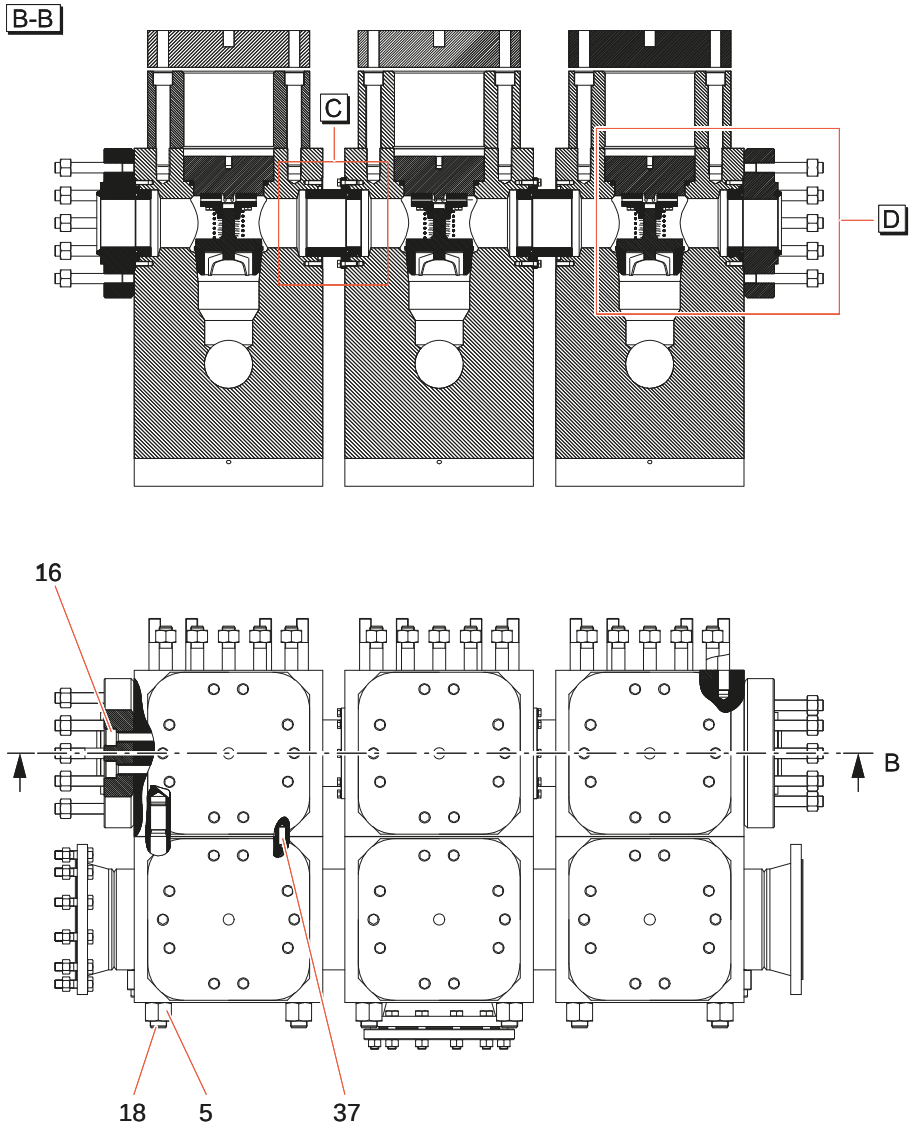

1
3
5
6
2
4



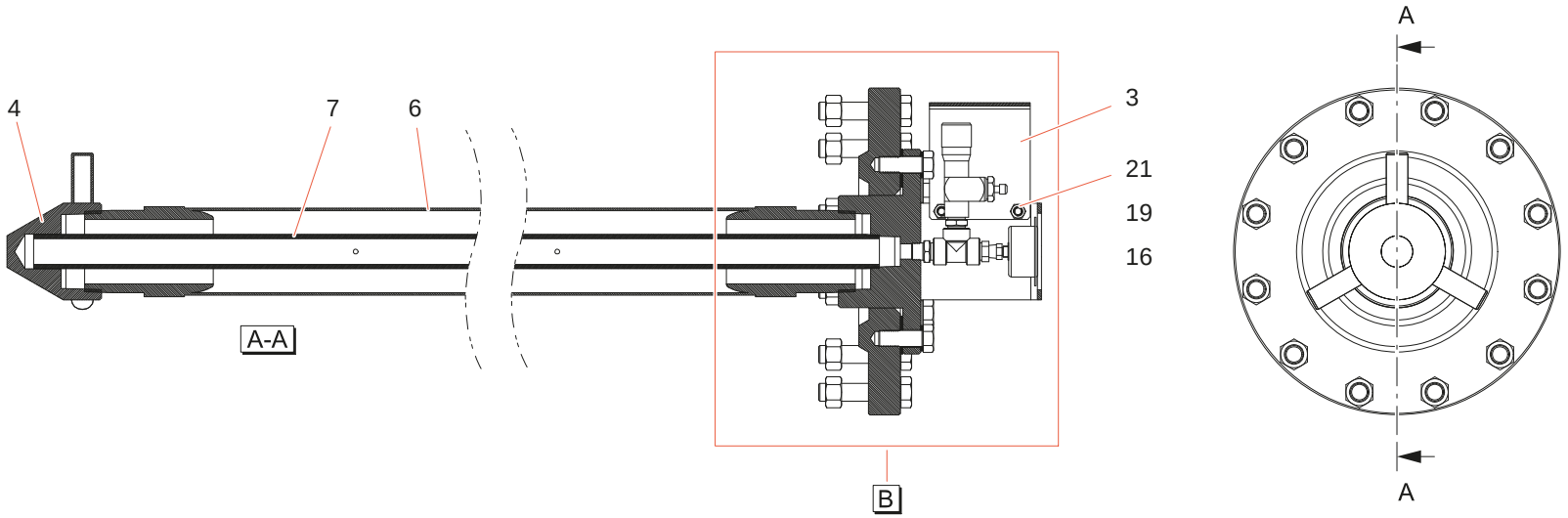
Position	Part Number	Quantity	Description	Notes
1	01910767	1	Nut	-
2	01913387	2	Screw	-
3	01913390	1	Washer	-
4	01919468	1	Extractor head	-
5	01919470	1	Ring	-
6	01919471	1	Tie rod	-

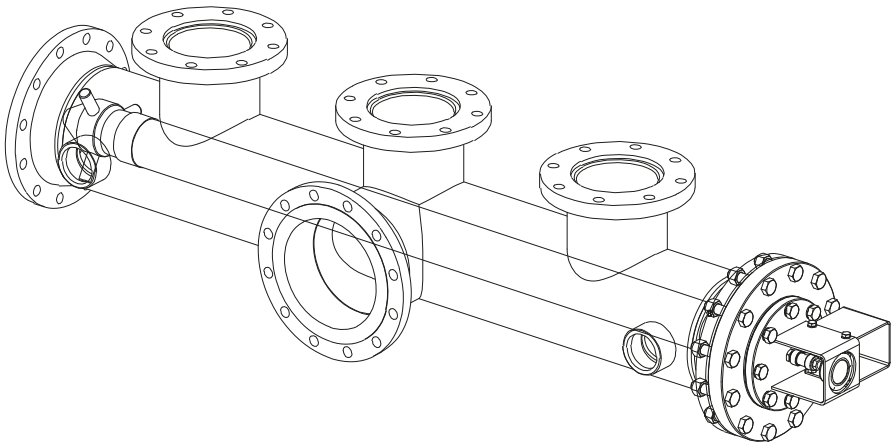

A
36
22
1
24
A
A-A
2
14
4
21
13
7
9
31
15
32
10
33
25
34

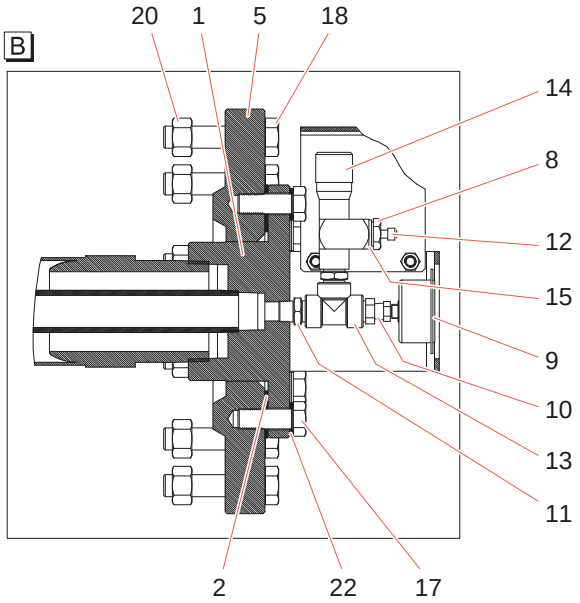
Position	Part Number	Quantity	Description	Notes
1	01919458	1	Manifold	-
2	40392125	6	P-quip valve cover retention system	-
4	01913318	30	Nut	-
7	01919548	6	Gasket	-
9	01919456	3	Suction module	-
10	01919457	3	Delivery module	-
13	01919530	3	Wear disc	-
14	01919463	30	Stud bolt	-
15	01919549	3	Gasket	-
21	01919533	18	Stud bolt	-
22	01919550	3	Gasket	-
24	50520057	2	Cap	-
25	50960029	1	Flange	-
31	70390065	36	Screw	-
32	70390126	24	Screw	-
33	70390129	24	Screw	-
34	70710012	24	Nut	-
36	71300153	24	Nut	-


B-B
C
D
8
19
6
3
23
17
29
20
16
B
B
18
5
37
C
30
35
28
27
12
11
26

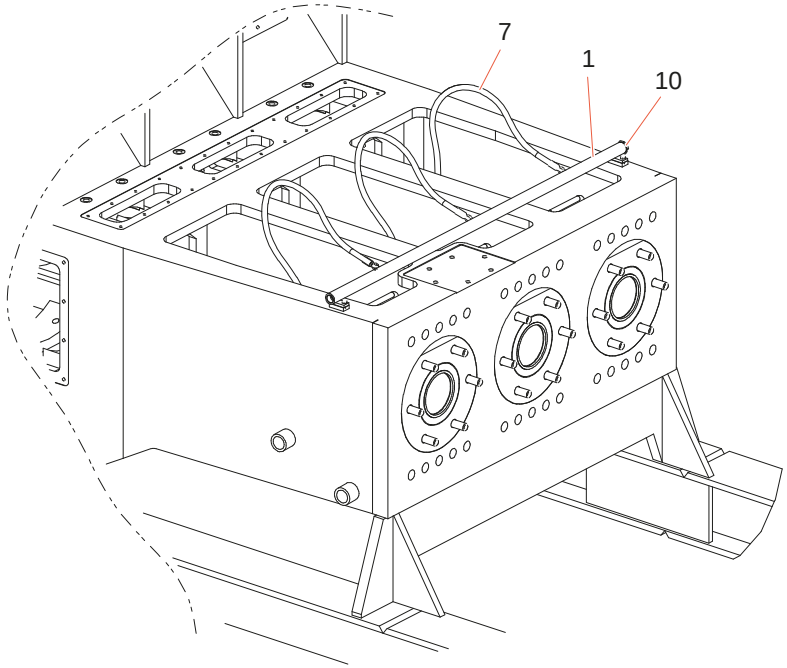
Position	Part Number	Quantity	Description	Notes
3	01913305	6	Bushing	-
5	01917381	24	Nut	-
6	01919453	6	Flange	-
8	01919551	6	Gasket	-
11	01919460	2	Manifold	-
12	01919461	4	Flange	-
16	01919465	24	Screw	-
17	01919466	2	Flange	-
18	01919467	24	Stud bolt	-
19	01919469	6	Plug	-
20	70570314	4.4 m.	Threaded bar	-
23	40392138	6	Valve kit	★ 40392138-1
26	52701127	4	Gasket	-
27	52701126	6	Gasket	-
28	52158439	6	Anti extrusion ring	-
29	52450134	2	Ring	-
30	70390063	16	Screw	-
35	70902048	52	Plain washer	-
37	71142010	6	Pin	-

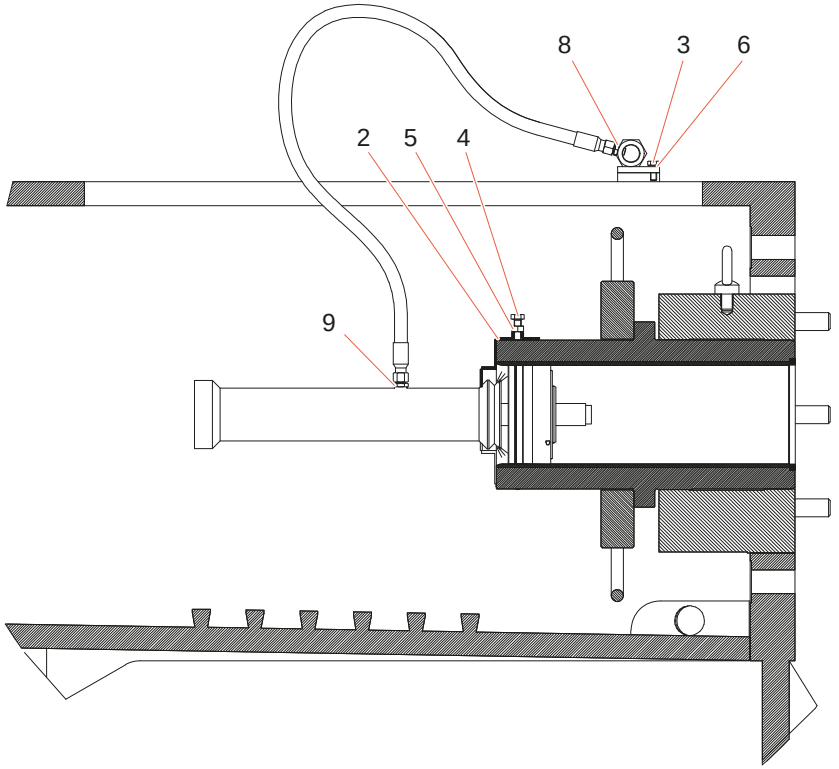

4
7
6
3
21
19
16
A-A
B
A
A



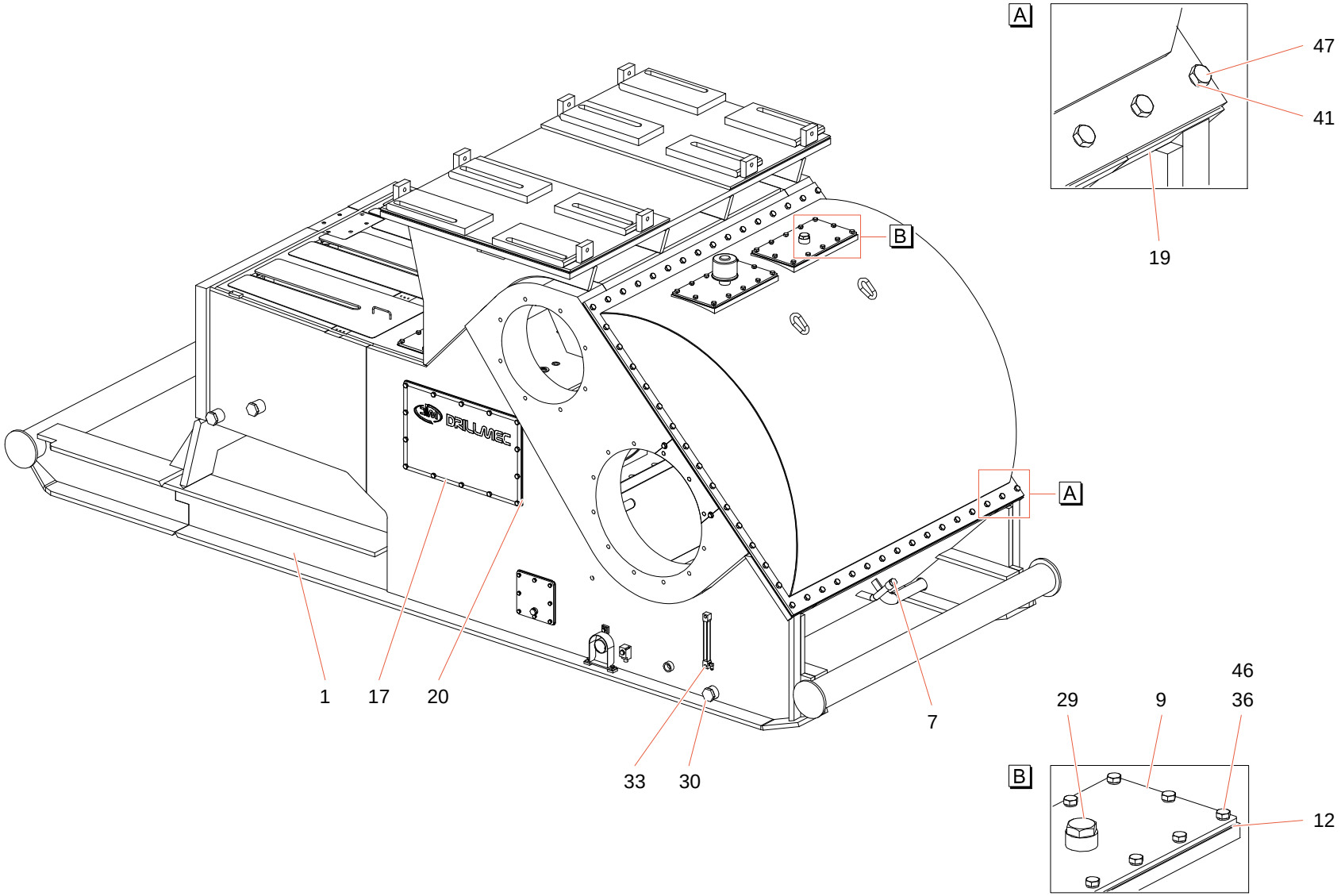

B
20
1
5
18
14
8
12
15
9
10
13
11
2
22
17

Position	Part Number	Quantity	Description	Notes
1	01913301	1	Flange	-
2	01913333	1	Gasket	-
3	01913764	1	Guard	-
4	01917382	1	Plug	-
5	01917383	1	Flange	-
6	01919472	1	Flexible pipe	-
7	01919473	1	Support	-
8	50470417	1	Reduction adapter	-
9	50550137	1	Manometer	-
10	50580265	1	Pressure gauge connection	-
11	50630154	2	A.f.l. connector	-
12	50640314	1	Valve	-
13	50650014	1	Pipe fitting	-
14	50850805	1	Valve	-
15	52020033	1	Retaining washer	-
16	70351004	4	Screw	-
17	70352011	8	Screw	-
18	70390131	12	Screw	-
19	70661008	4	Nut	-
20	70710012	12	Nut	-
21	70901022	4	Plain washer	-
22	70902012	8	Plain washer	-

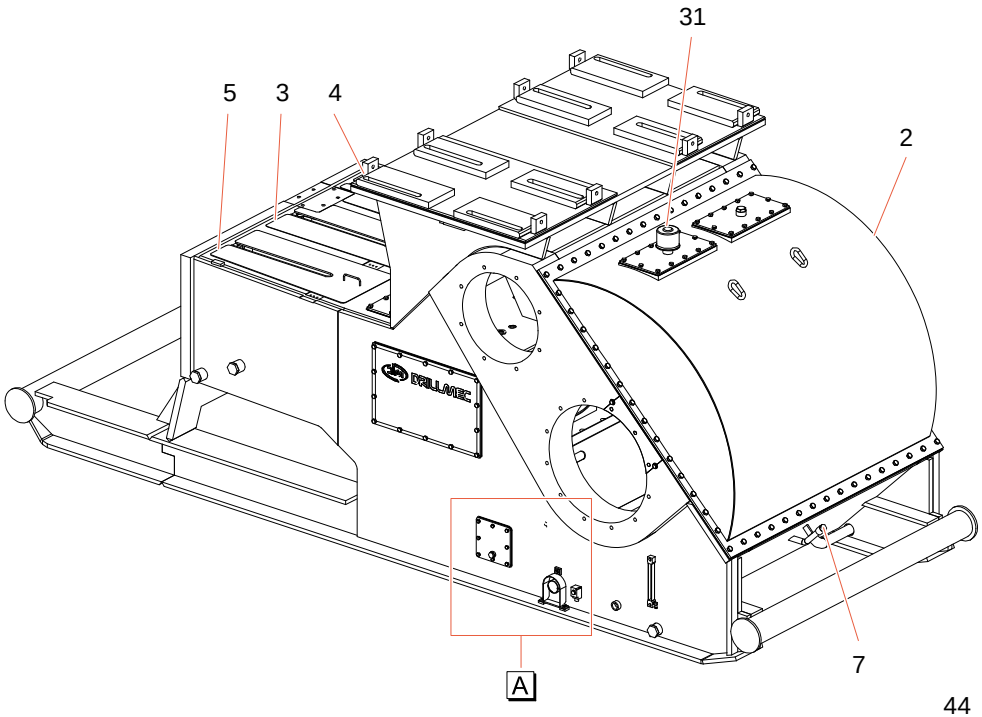

7
1
10

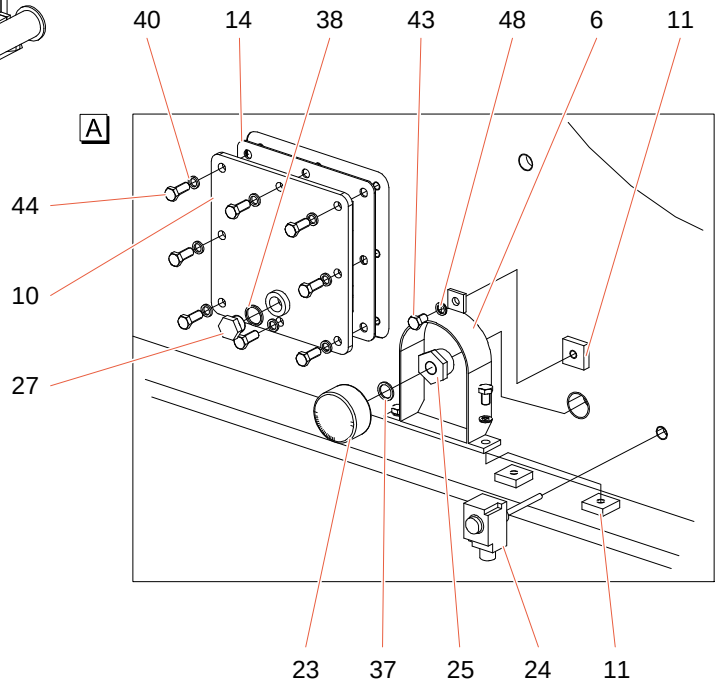

8
3
6
2
5
4
9

Position	Part Number	Quantity	Description	Notes
1	01919499	1	Manifold	-
2	01919532	3	Guard	-
3	70351005	2	Screw	-
4	70351207	9	Screw	-
5	70661210	9	Nut	-
6	70902007	2	Plain washer	-
7	506035013	3	Flexible pipe	-
8	50091013X	3	Pipe fitting	-
9	50095215X	3	Pipe fitting	-
10	50520044X	1	Tap	-

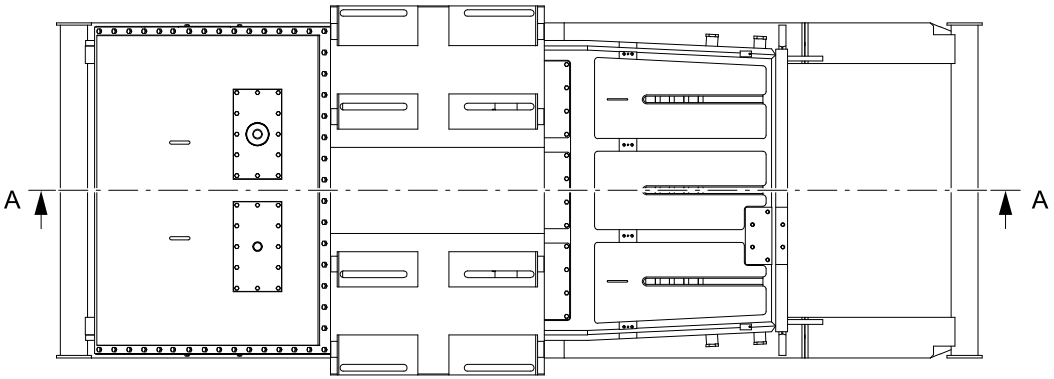

A
47
41
19
B
A
1
17
20
7
33
30
46
29
9
36
B
12

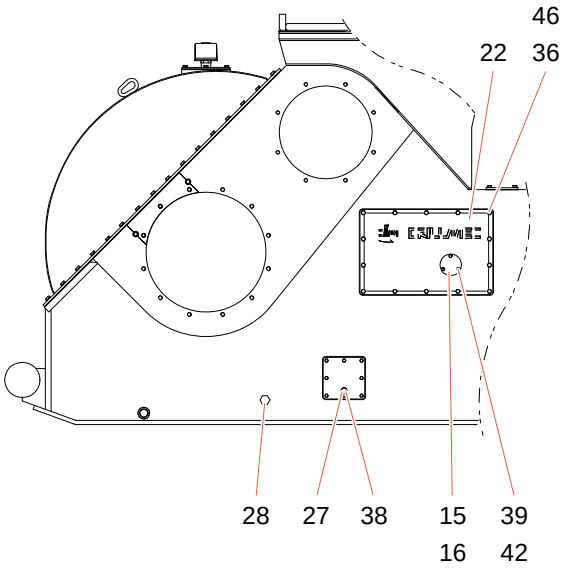
Position	Part Number	Quantity	Description	Notes
1	01919122	1	Pump frame assembly	-
7	01913251	1	Plug	-
9	01917398	2	Cover	-
12	01917409	2	Gasket	-
17	01919404	1	Cover	-
19	50520054	1	Cap	-
20	01919407	2	Gasket	-
29	50520054	1	Cap	-
30	50520055	5	Cap	-
33	50540238	1	Level indicator	-
36	52020017	114	Retaining washer	-
41	52020220	60	Retaining washer	-
46	70390092	114	Screw	-
47	70390108	60	Screw	-

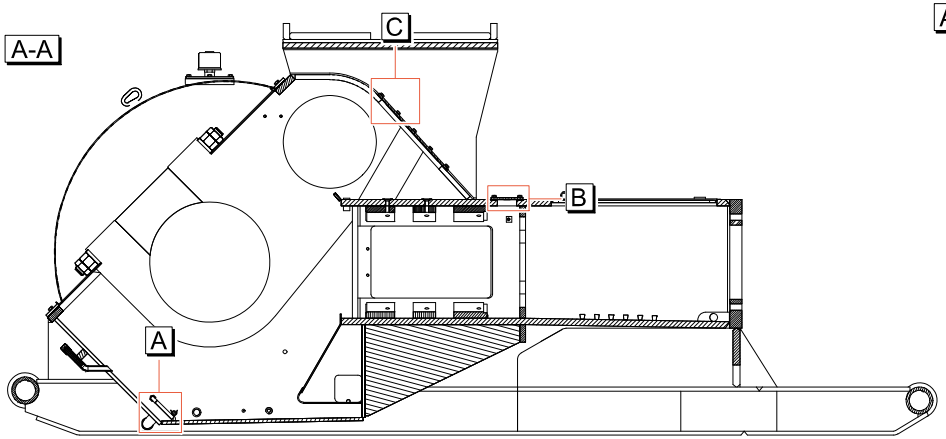

31
5
3
4
2
7
A

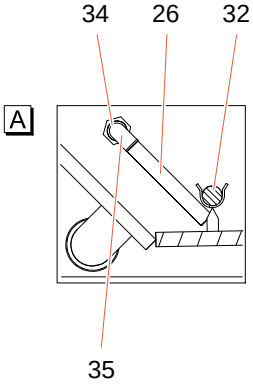

40
14
38
43
48
6
11
A
44
10
27
23
37
25
24
11

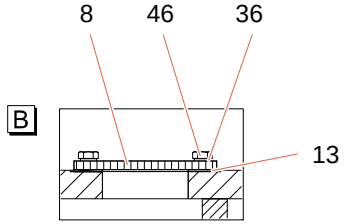
Position	Part Number	Quantity	Description	Notes
2	01919410	1	Cover	-
3	01919444	1	Cover	-
4	01919445	1	Cover	-
5	01919446	1	Cover	-
6	01913249	1	Guard	-
7	01913251	1	Plug	-
10	01917399	2	Cover	-
11	01917407	3	Base	-
14	01917413	2	Gasket	-
23	40690057	1	Thermometer	-
24	47108069	1	Thermostat	-
25	50470423	1	Reduction adapter	-
27	50520031	2	Male plug	-
31	**50530023**	**1**	**Filter**	¤
31.A	RI50530023-01	1	Air filter cartridge	
37	52020033	1	Retaining washer	-
38	52020034	2	Retaining washer	-
40	52020213	12	Retaining washer	-
43	70390058	3	Screw	-
44	70390060	12	Screw	-
48	70902048	3	Plain washer	-

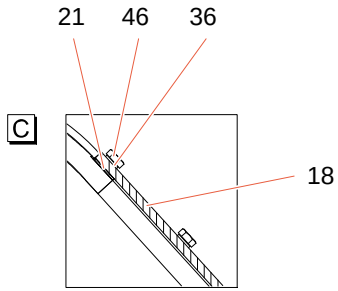

A
A


46
22
36
28
27
38
15
16
39
42

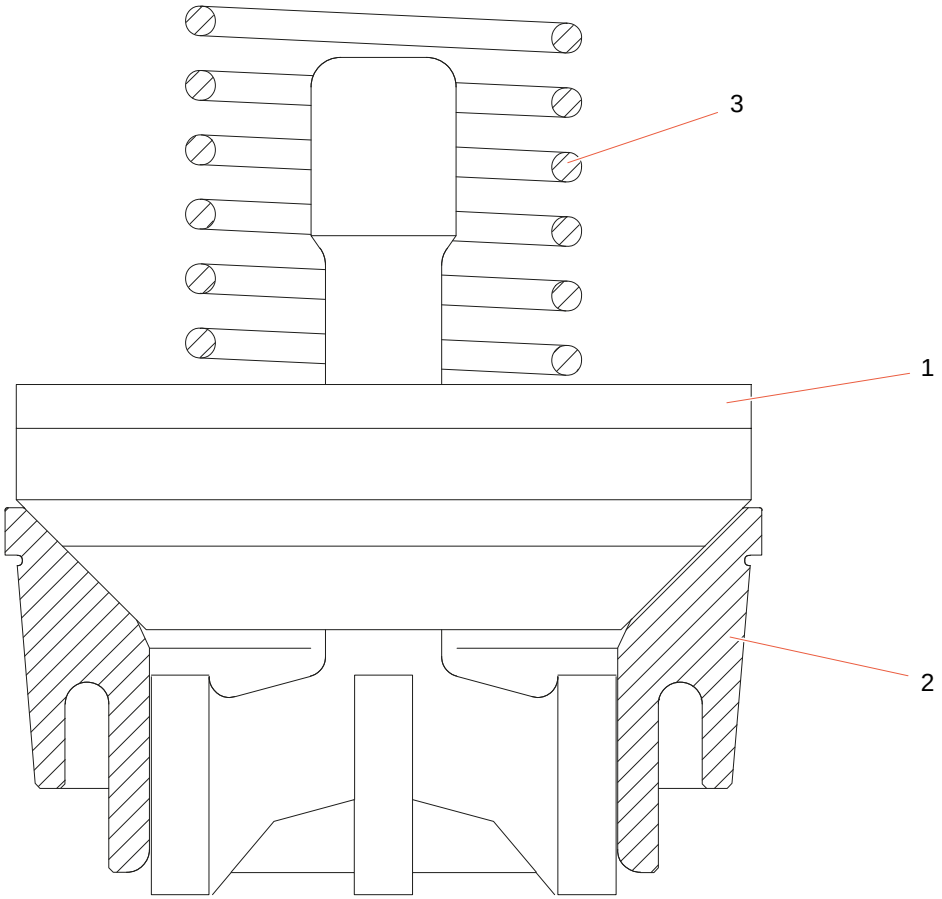

A-A
C
B
A


A
34
26
32
35


B
8
46
36
13


C
21
46
36
18

Position	Part Number	Quantity	Description	Notes
8	01917395	3	Cover	-
13	01917411	3	Gasket	-
15	01917429	1	Cover	-
16	01917430	1	Gasket	-
18	01919405	3	Cover	-
21	01919408	3	Gasket	-
22	01919409	1	Cover	-
26	50480126	1	Pipe fitting	-
27	50520031	2	Male plug	-
28	50520053	1	Cap	-
32	50530100	1	Magnet	-
34	50590099	1	Pipe fitting	-
35	50630404	1	Joint	-
36	52020017	114	Retaining washer	-
38	52020034	2	Retaining washer	-
39	52020203	3	Washer	-
42	70351005	3	Screw	-
46	70390092	114	Screw	-

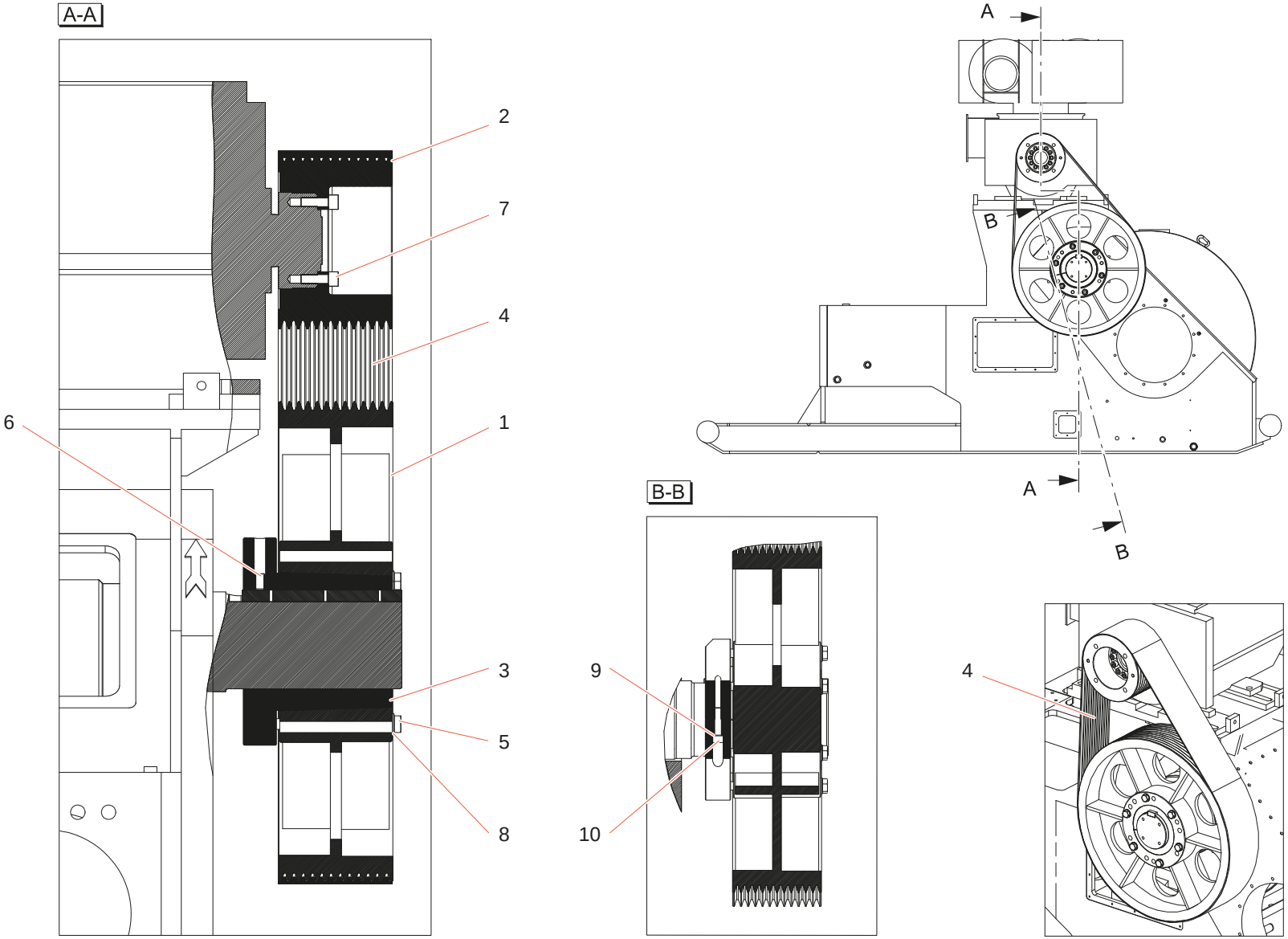

3
1
2

Position	Part Number	Quantity	Description	Notes
1	40392143	1	Valve	-
2	40392144	1	Seat	-
3	40392145	1	Spring	-

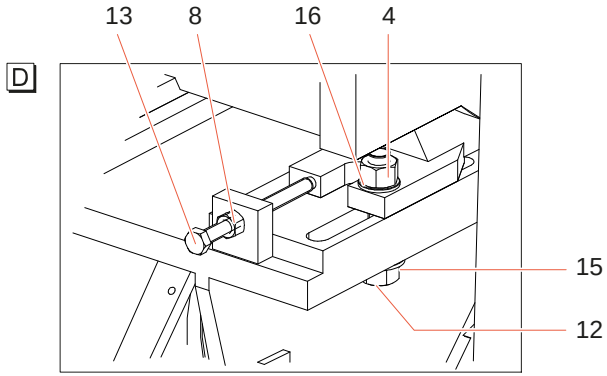
Page intentionally left blank

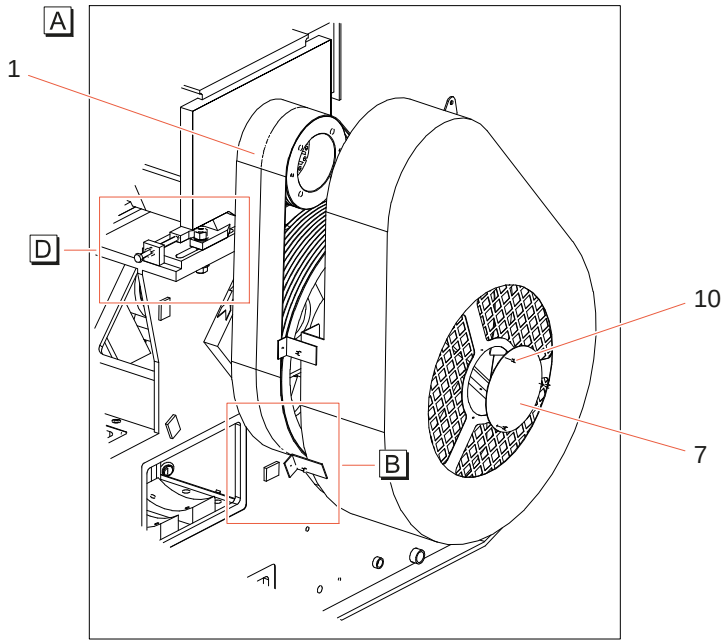
2 Electric motors group

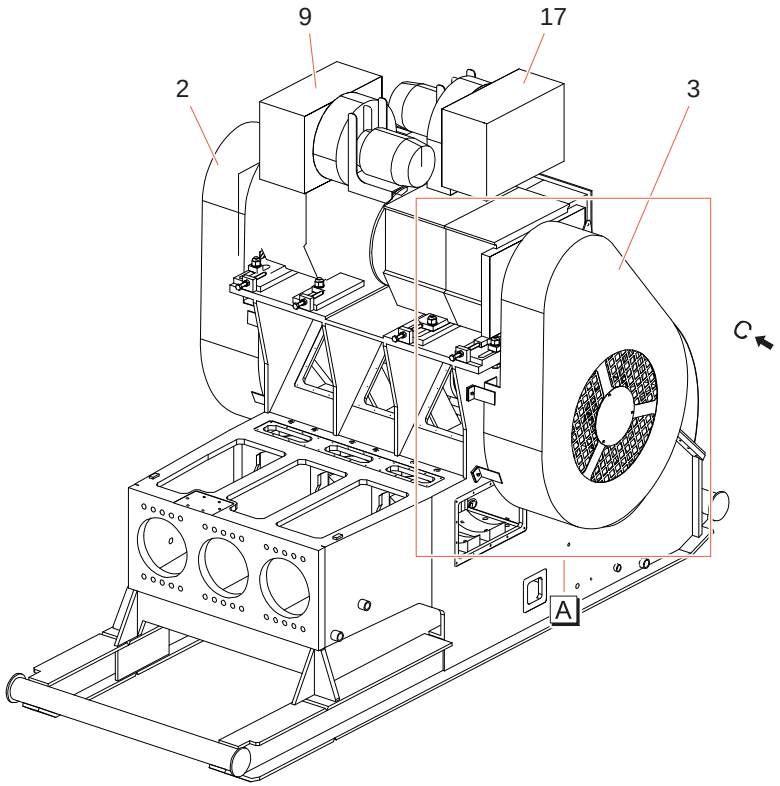
Table	Revision	Description	Notes
01919118 - 1	0 (02-2013)	V-belt transmission	-
01919146 - 1	0 (09-2014)	Electric motors	-

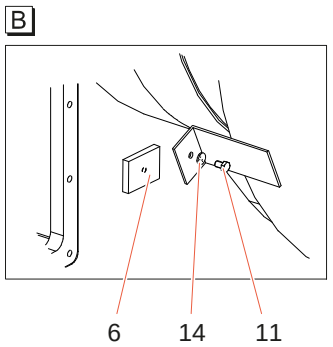

A-A
2
7
4
6
1
3
5
8
A
B
A
B
B-B
9
10
4

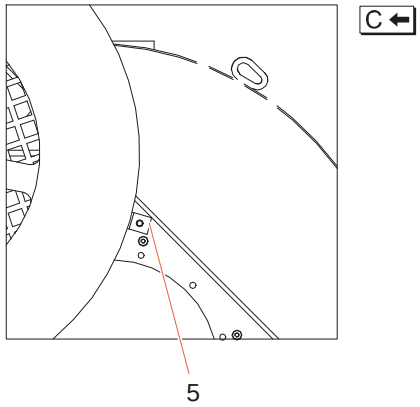
Position	Part Number	Quantity	Description	Notes
1	01919486	2	Pulley	-
2	01919484	2	Pulley	-
3	01919485	2	Bushing	-
4	40540053	2	V-belt	-
5	70313076	12	Screw	-
6	70462409	2	Screw	-
7	70550025	24	Screw	-
8	70903015	12	Plain washer	-
9	70982436	2	Washer	-
10	71020019	2	Screw	-


13
8
16
4
D
15
12


A
1
D
10
7
B


9
17
2
3
C
A


B
6
14
11

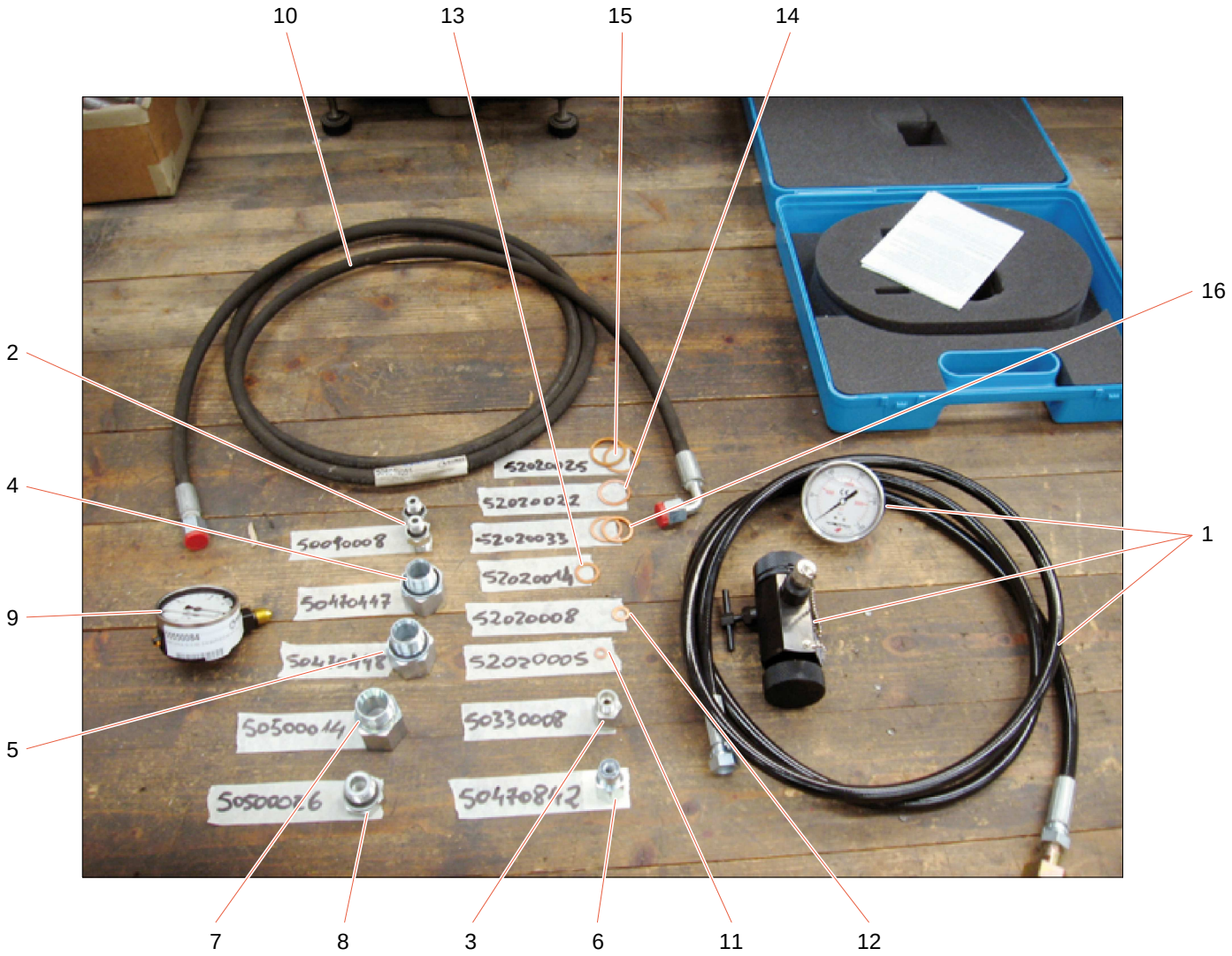

C
5

Position	Part Number	Quantity	Description	Notes
1	01919118	1	Belt transmission assembly	★ 01919118-1
2	01919487	1	Carter	-
3	01919488	1	Carter	-
4	01917307	1	Nut	-
5	01919489	2	Plate threaded	-
6	01919490	6	Plate threaded	-
7	01919498	2	Cover	-
8	01921879	8	Nut	-
9	40090102	1	Electric motor	-
10	70390043	6	Screw	-
11	70390058	8	Screw	-
12	70390226	8	Screw	-
13	70550239	8	Screw	-
14	70900005	8	Plain washer	-
15	70900012	8	Plain washer	-
16	70903018	8	Plain washer	-
17	40090103	1	Electric motor	-

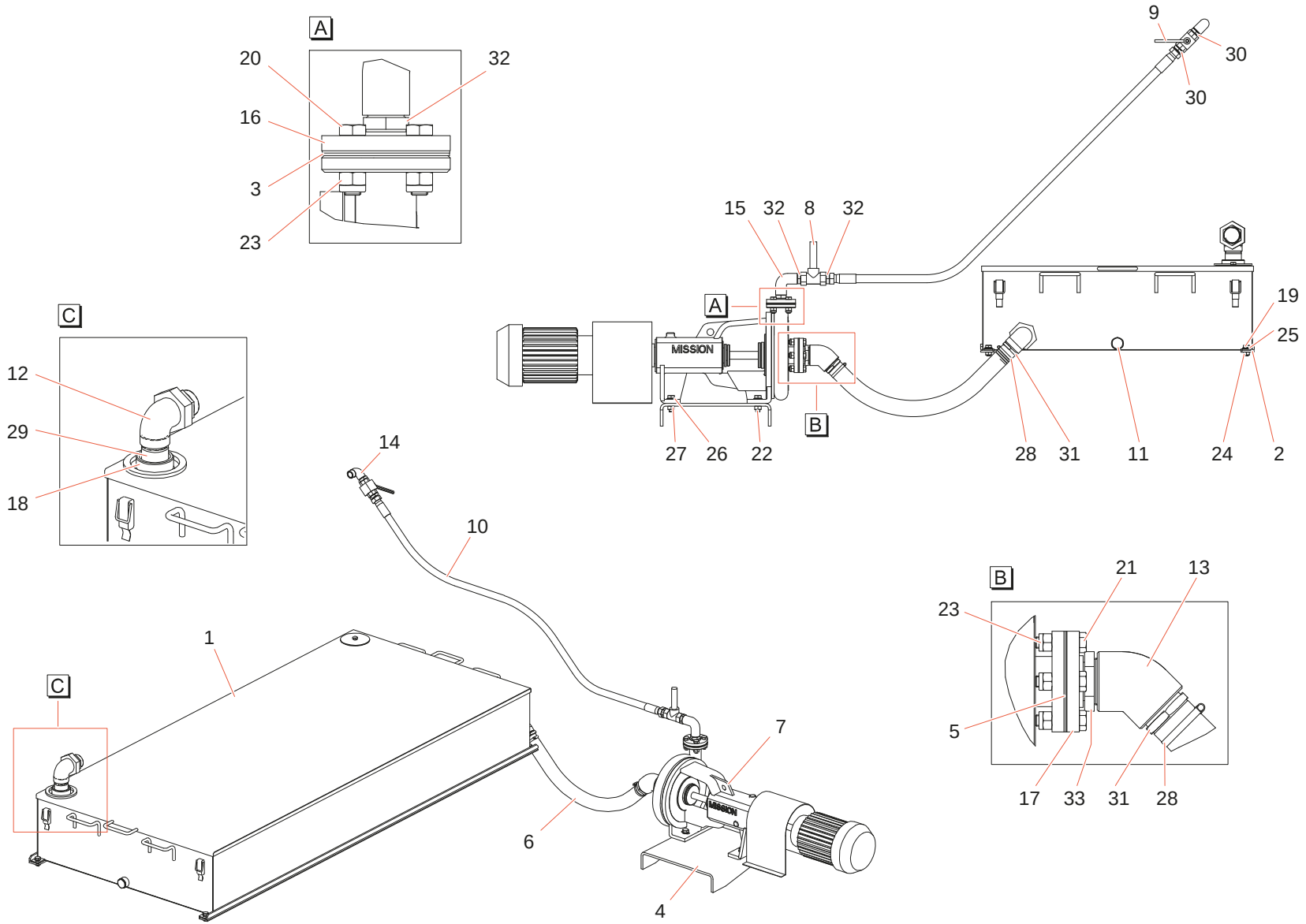
Page intentionally left blank

3 Power pump preparation group

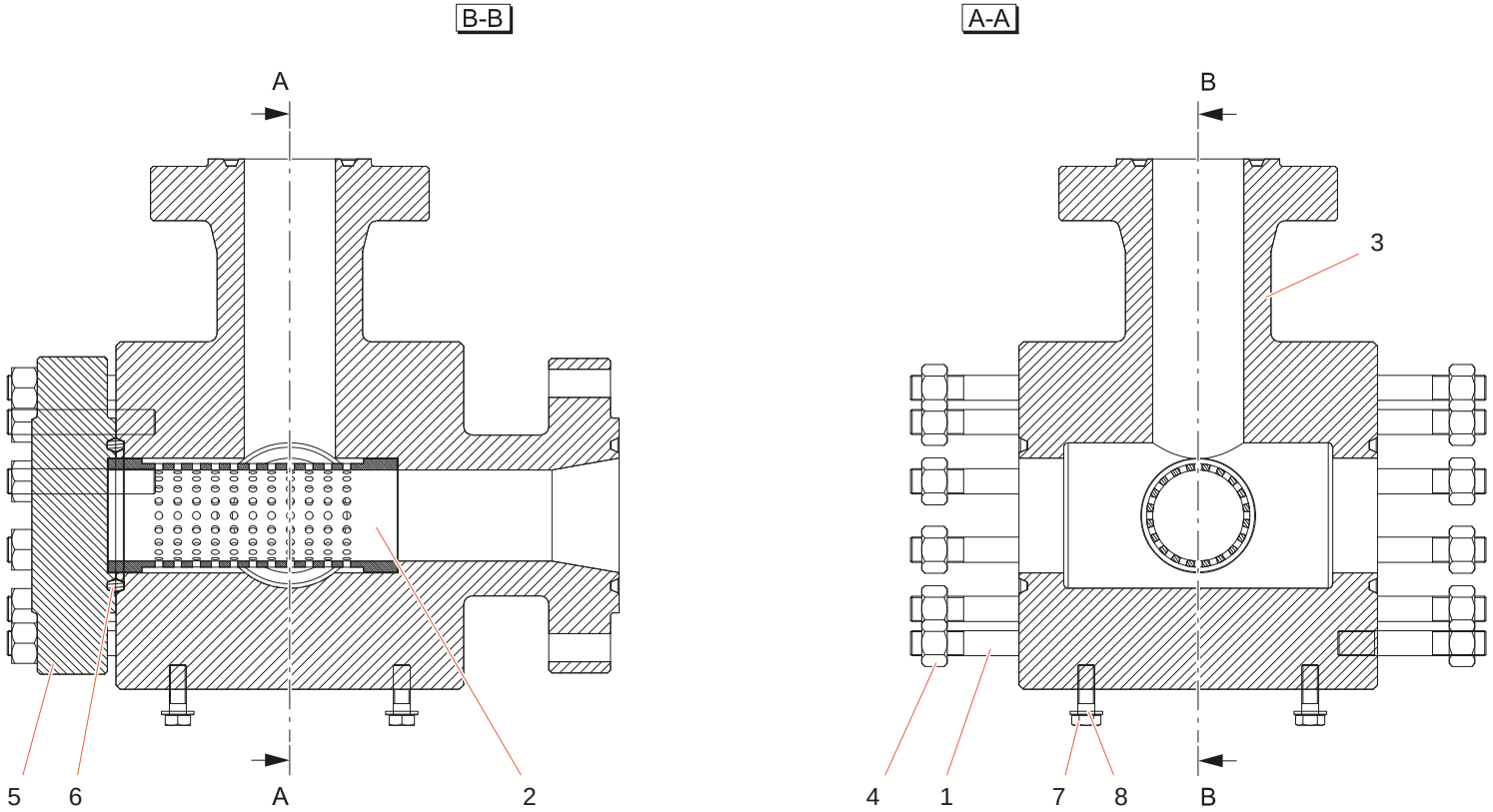
Table	Revision	Description	Notes
01913114 - 1	1 (01-2007)	Charging kit for pulsations dampener	-
01919121 - 1	0 (02-2013)	Liners cooling system	-
01919123 - 1	0 (02-2013)	Cross pressure line manifold	-
01919151 - 1	0 (09-2014)	Preparation of power pump on skid	-
01919151 - 2	0 (09-2014)	Preparation of power pump on skid	-
01919152 - 1	0 (09-2014)	Pressure line	-
40391670 - 1	0 (11-2011)	Pulsations dampener	-


10
13
15
14
16
2
4
1
9
5
7
8
3
6
11
12

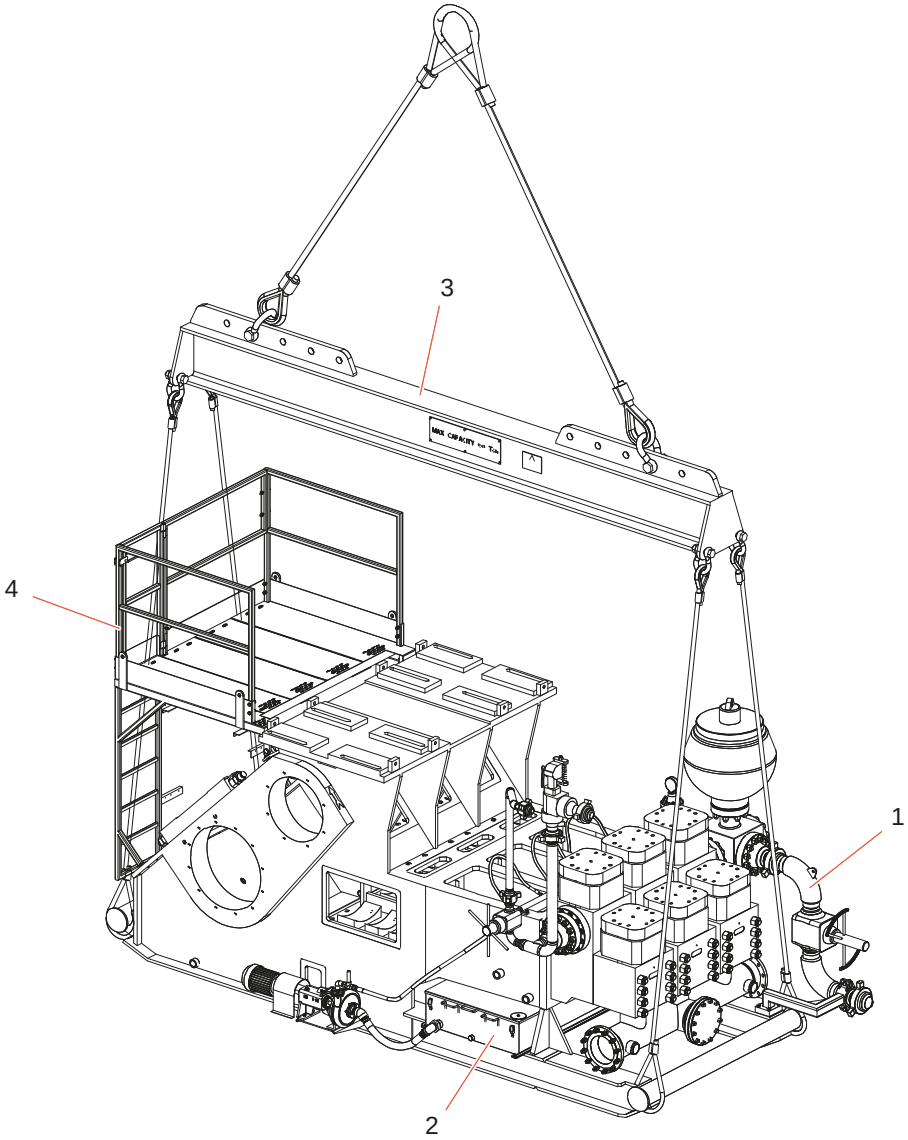
Position	Part Number	Quantity	Description	Notes
1	09400106	1	Accumulator loading and pressure control group	-
2	50090008	2	Pipe fitting	-
3	50330008	1	Pipe fitting	-
4	50470447	1	Reduction adapter	-
5	50470448	1	Reduction adapter	-
6	50470842	1	Pipe fitting	-
7	50500014	1	Reduction adapter	-
8	50500026	1	Reduction adapter	-
9	50550084	1	Manometer	-
10	506010051	1	Flexible hose	-
11	52020005	1	Retaining washer	-
12	52020008	1	Retaining washer	-
13	52020014	1	Retaining washer	-
14	52020022	1	Retaining washer	-
15	52020025	2	Retaining washer	-
16	52020033	2	Retaining washer	-

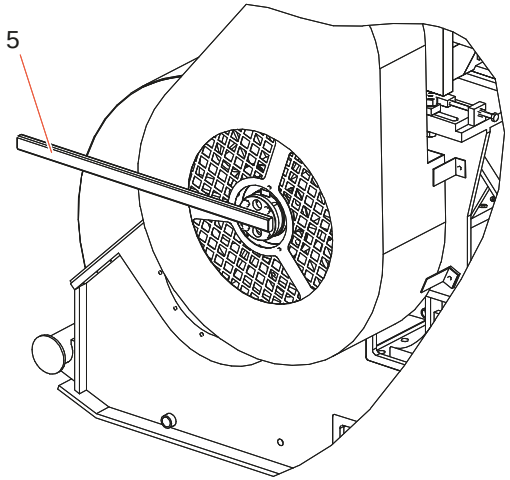

A
20
32
16
3
23
9
30
30
15
32
8
32
A
MISSION
19
25
B
27
26
22
28
31
11
24
2
C
12
29
18
14
10
1
C
7
6
4
B
21
13
23
5
17
33
31
28

Position	Part Number	Quantity	Description	Notes
1	01919128	1	Tank assembly	-
2	01919495	2	Frame	-
3	01917570	2	Gasket	-
4	01919496	1	Support	-
5	01961227	2	Gasket	-
6	08810269	1 m.	Rubber hose	-
7	40110397	1	Centrifugal pump	-
8	47108061	1	Flowmeter	-
9	50310386	1	Ball valve	-
10	50600721	1	Flexible pipe	-
11	50940324	2	Tap	-
12	50940325	2	Elbow	-
13	50940326	1	Elbow	-
14	50940327	1	Elbow	-
15	50940328	1	Elbow	-
16	50961097	1	Flange	-
17	50961096	1	Flange	-
18	52700894	1	Bushing	-
19	70351406	4	Screw	-
20	70351410	4	Screw	-
21	70351411	4	Screw	-
22	70351610	4	Screw	-
23	70611416	8	Self-locking nut	-
24	70661411	4	Nut	-
25	70903009	4	Plain washer	-
26	70903010	4	Plain washer	-
27	71300136	4	Nut	-
28	40740049X	2	Hose clamp	-
29	50480172X	1	Pipe	-
30	50590007X	2	Niple	-
31	50590326X	1	Niple	-
32	50591105X	3	Pipe fitting	-
33	50591123X	1	Pipe fitting	-


B-B
A
A
5
6
2
A-A
B
B
3
4
1
7
8

Position	Part Number	Quantity	Description	Notes
1	01917723	36	Stud bolt	-
2	01917725	1	Filter	-
3	01919480	1	Cross pressure line manifold	-
4	40416749	36	Nut	-
5	50961057	1	Flange	-
6	52450134	1	Ring	-
7	70390111	4	Screw	-
8	70903012	4	Plain washer	-


3
4
1
2

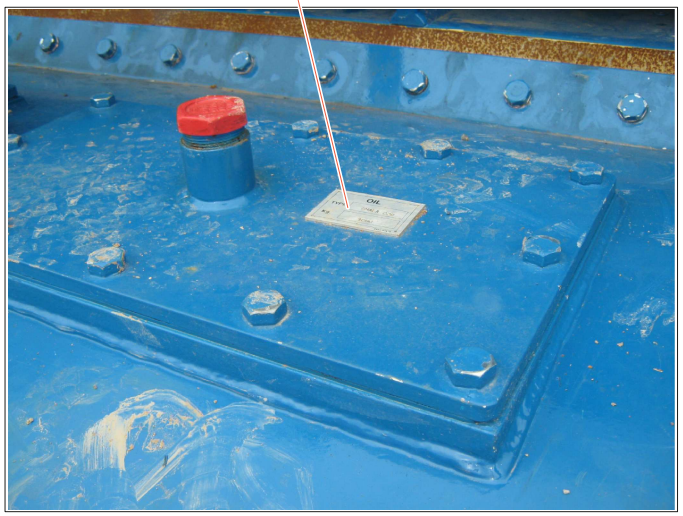

5

Position	Part Number	Quantity	Description	Notes
1	01919152	1	High pressure line assy	★ 01919152-1
2	01919121	1	Cooling system assembly	★ 01919121-1
3	01919129	1	Lift assembly	-
4	01919131	1	Maintenance platform	-
5	01919139	1	Kit manual rotation tools	-

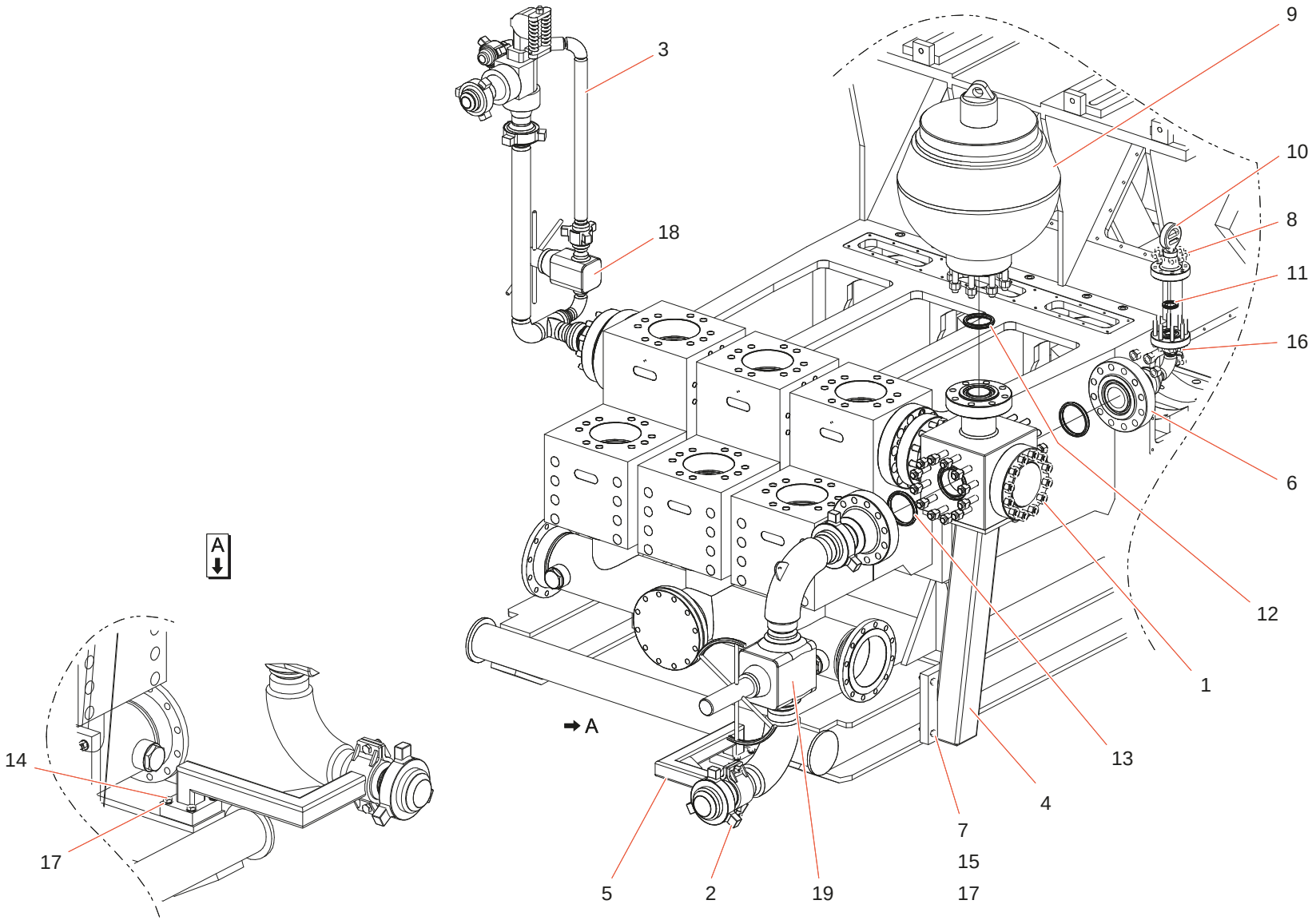

9


7

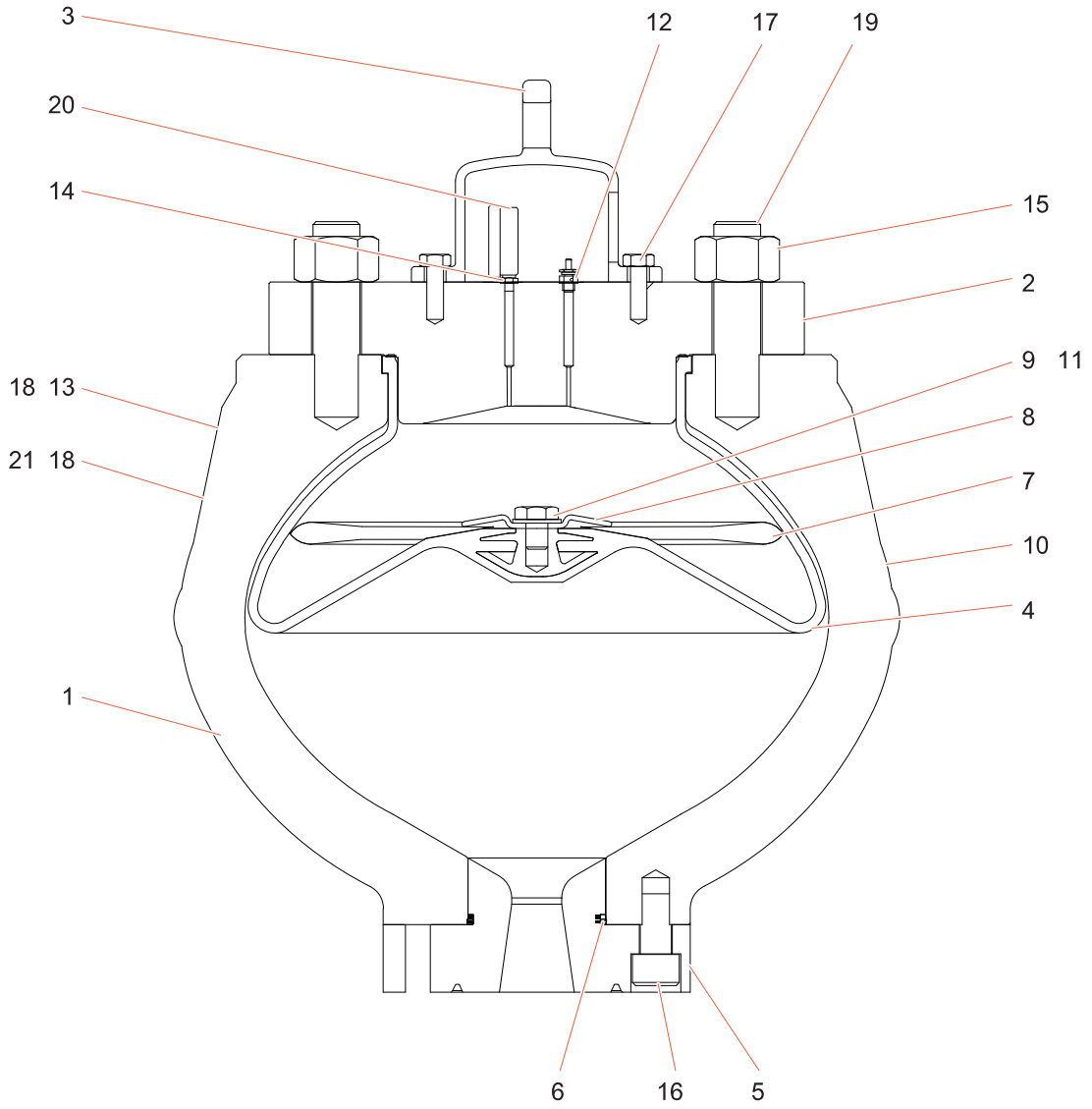

8
MUD PUMP


6

Position	Part Number	Quantity	Description	Notes
6	09530367E	1	Indication plate	-
7	09533683E	2	Indication plate	-
8	09534339E	1	Indication plate	-
9	09534670E	1	Performances name plate	-


3
18
9
10
8
11
16
6
12
1
13
4
7
15
17
5
2
19
A
14
17

Position	Part Number	Quantity	Description	Notes
1	01919123	1	Cross pressure line manifold	★ 01919123-1
2	01919153	1	Delivery line assy	-
3	01919154	1	Relief line assy	-
4	01919481	1	Support	-
5	01919553	1	Support	-
6	01919546	1	Pipe gauge	-
7	70710011	4	Nut	-
8	40416547	16	Nut	-
9	40391670	1	Pulsation dampner	★ 40391670-1
10	40393066	1	Pressure gauge	-
11	52450102	1	Ring	-
12	52450106	1	Gasket	-
13	52450134	2	Ring	-
14	70390110	4	Screw	-
15	70390114	4	Screw	-
16	70570311	1.2 m.	Threaded bar	-
17	70903012	8	Plain washer	-
18	50310295	1	Valve	-
19	50310296	1	Valve	-

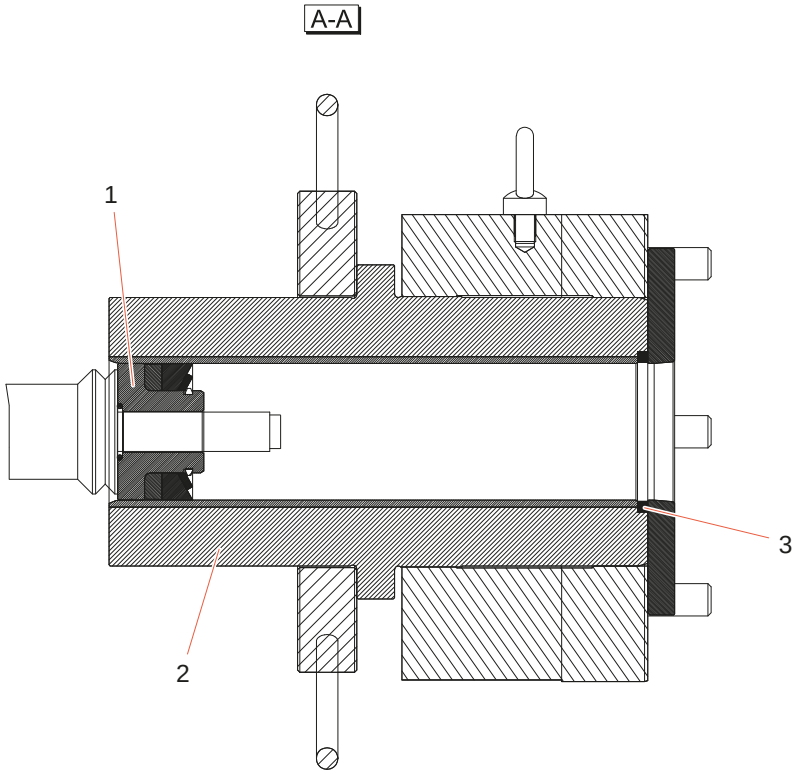

3
12
17
19
20
14
15
2
9
11
18
13
8
21
18
7
10
4
1
6
16
5

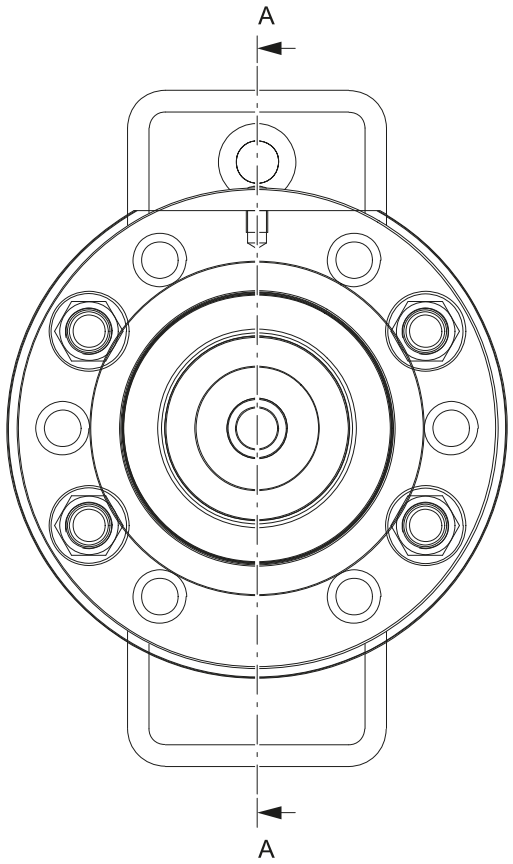
Position	Part Number	Quantity	Description	Notes
1		1	Body	-
2		1	Plate	-
3		1	Guard	-
4		1	Diaphragm	-
5		1	Bottom plate	-
6		1	Seal	-
7		1	Stabilizing disk	-
8		1	Containement plate	-
9		1	Cap screw, guard	-
10		2	Logo label	-
11		1	Washer	-
12		1	Valve	-
13		1	Data plate	-
14		1	Self-locking nut	-
15		12	Nut	-
16		8	Cap screw, bottom plate	-
17		4	Cap screw, guard	-
18		1	Tag, caution	-
19		12	Stud bolt, cover plate	-
20		1	Pressure gauge	-
21		8	Drive screw	-

Page intentionally left blank

4 Liner and piston group

Table	Revision	Description	Notes
01919155 - 1	0 (09-2014)	Ø 5" liner and piston kit	-


A-A
1
2
3


A
A

Position	Part Number	Quantity	Description	Notes
1	40393064	3	Piston	-
2	01919522	3	Liner	-
3	01919547	3	5" liner gasket	-