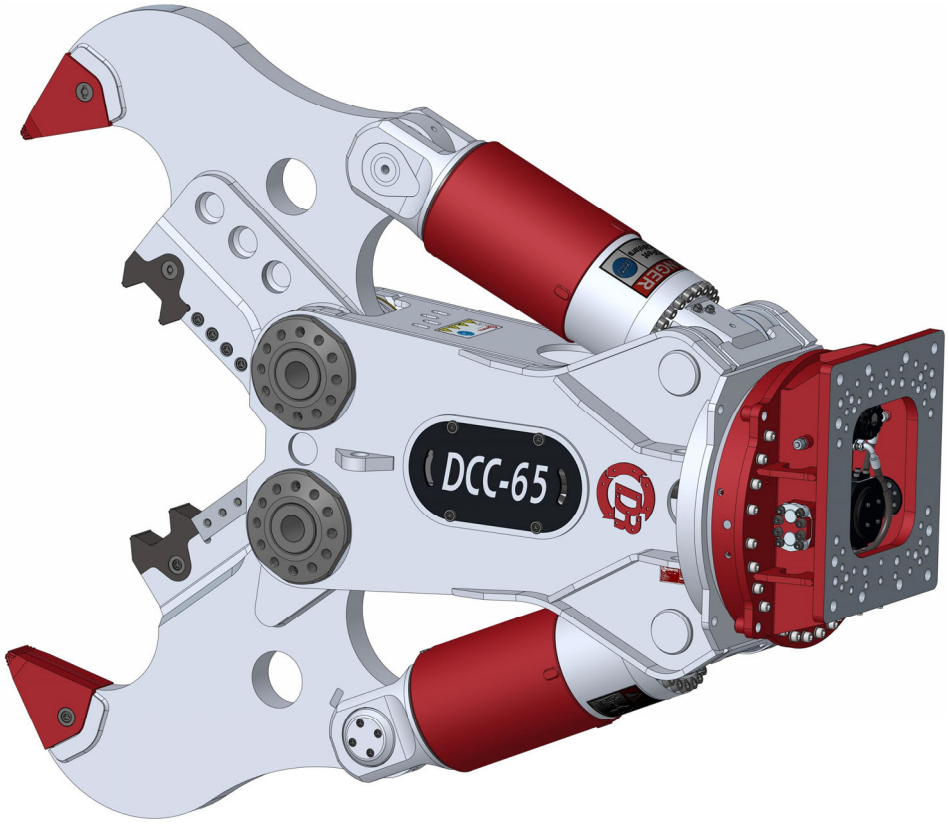
Partsbook

for

Concrete Crusher

DCC-65-C

Product	Part Number	Ref.
DCC-65-C Serie 3	DCC065D175CAB6	



Partsbook_dcc065d175cab6-b_2022-06-01.docx June 2022

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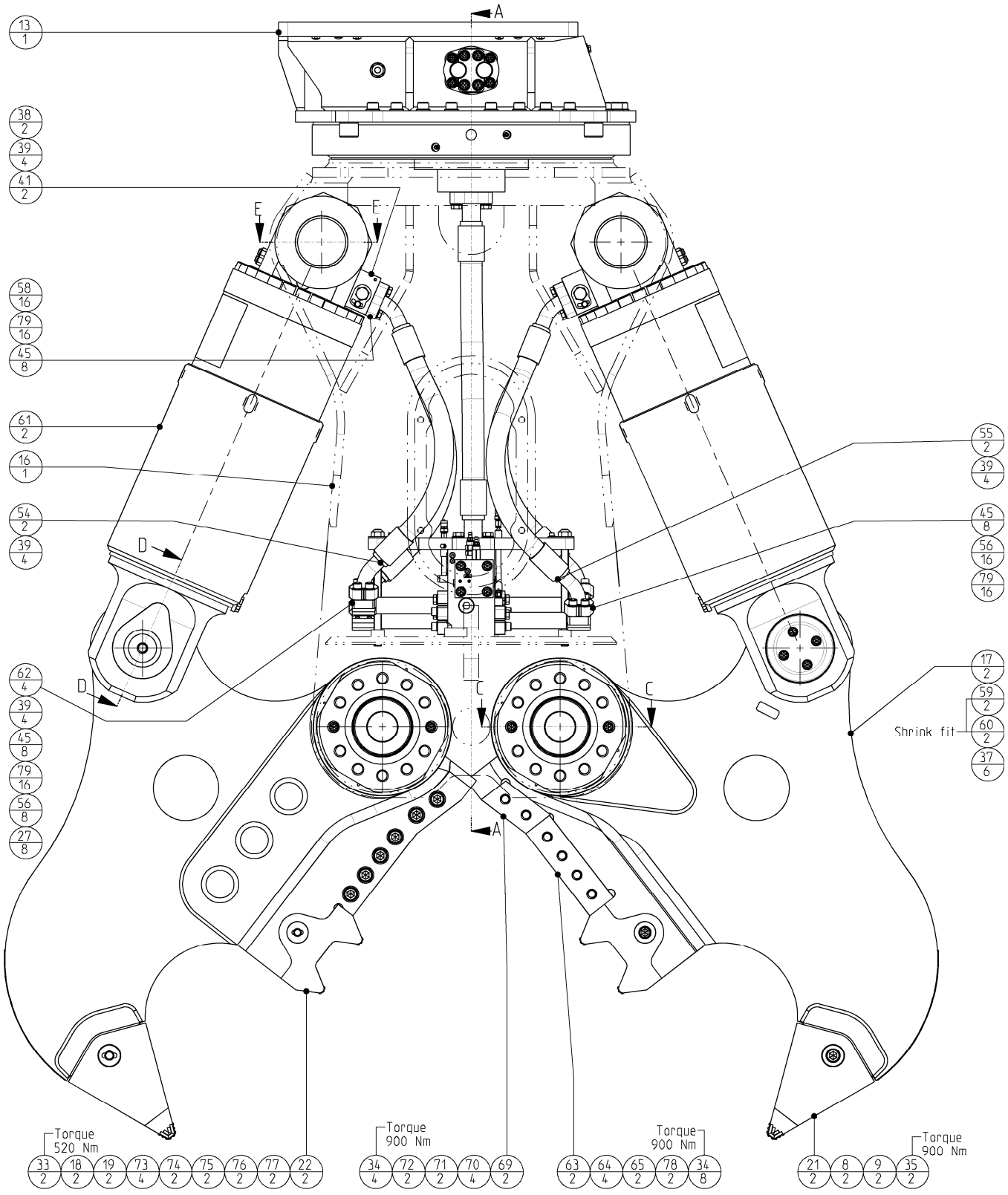
Concrete Crusher

Housing GP

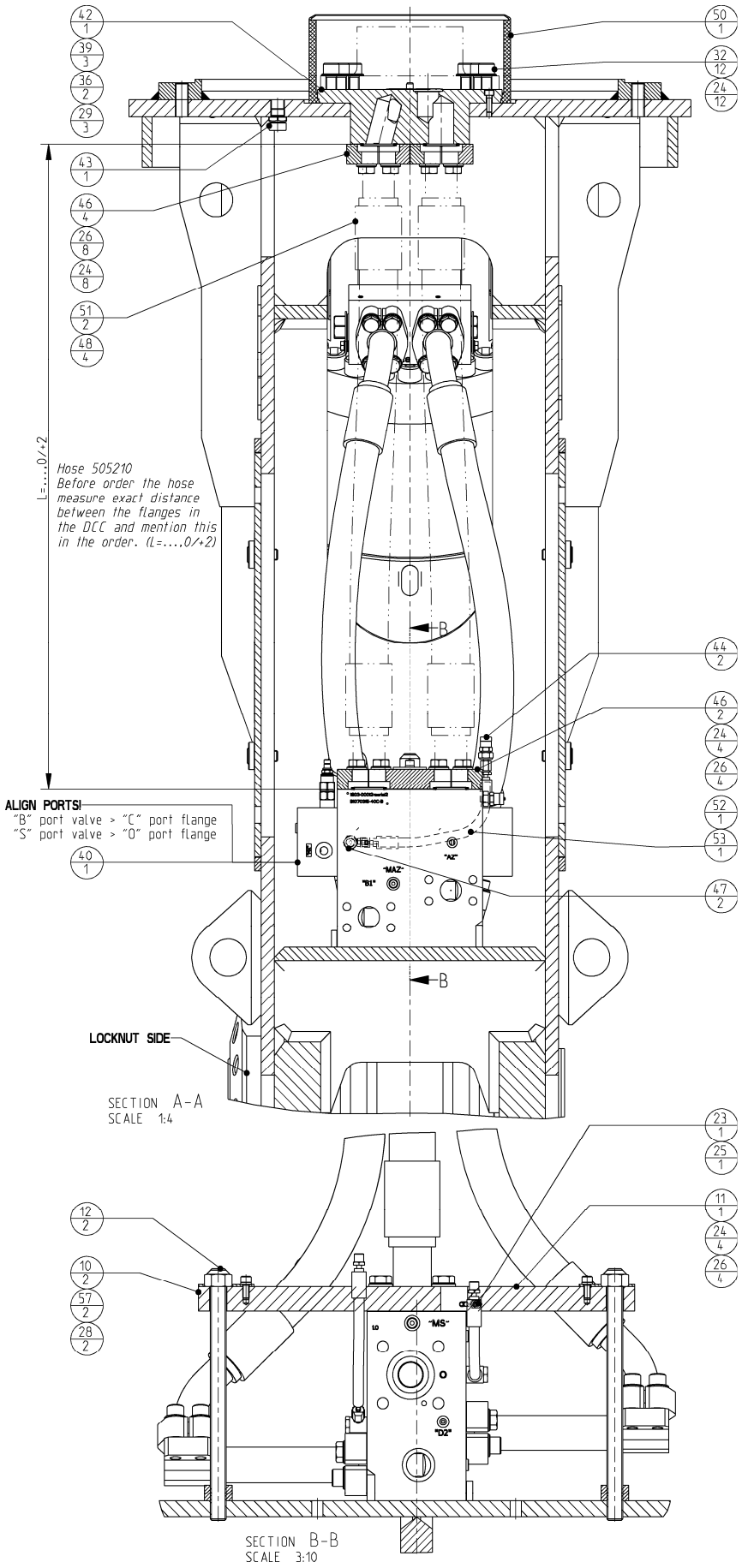
Page	1	of	39
Date	June 2022		
Product type	DCC-65-C		
Number	DCC065D175CAB6-B		



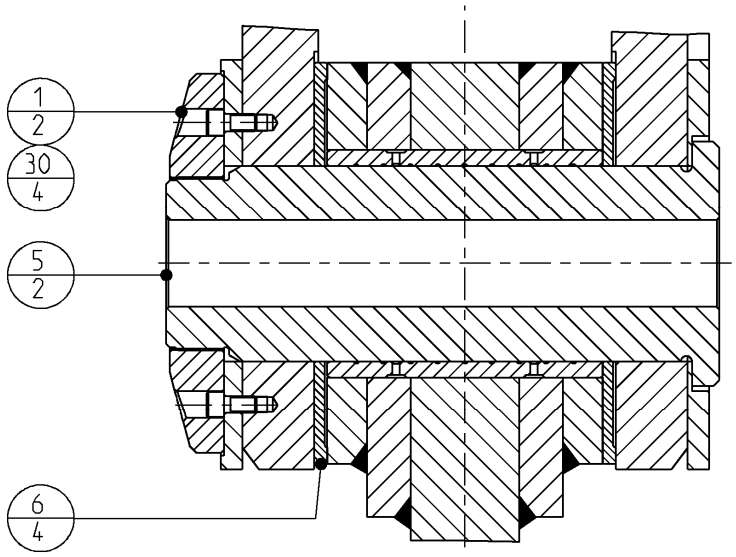
Parts marked with a letter in column "Set" can be orderd as a set with Itemnumber

Set	Description	Itemnumber
a	Shearblade set	409482
b	Shroud set	409831
c	Rippertooth set	409467
-	Service kit	408662
-	Open/Close connection kit	507230
-	N.A. fitting kit (JIC)	406403

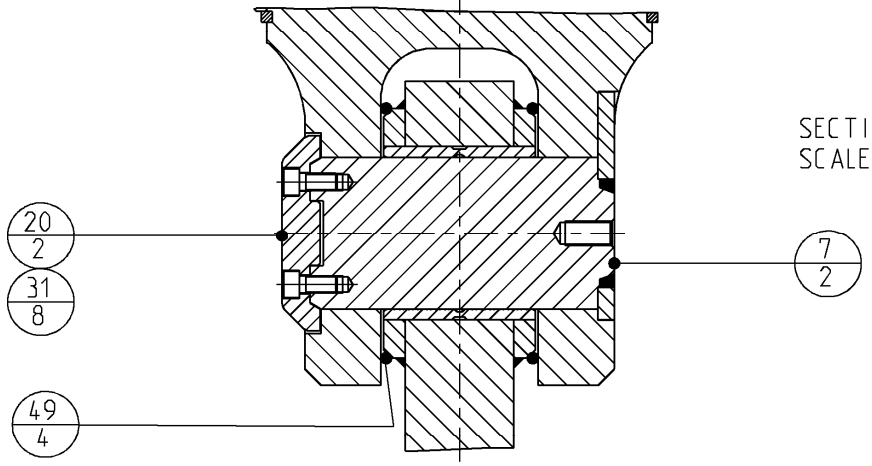
Remark:
For the order of (dis)assembling and adjusting jaw and blades see user manual.


42 1
39 3
36 2
29 3
43 1
46 4
26 8
24 8
51 2
48 4
50 1
32 12
24 12
L=...0/+2
Hose 505210
Before order the hose measure exact distance between the flanges in the DCC and mention this in the order. (L=...,0/+2)
B
44 2
46 2
24 4
26 4
52 1
53 1
47 2
ALIGN PORTS!
"B" port valve > "C" port flange
"S" port valve > "O" port flange
40 1
"AZ"
"MAZ"
"B1"
B
LOCKNUT SIDE
SECTION A-A
SCALE 1:4
23 1
25 1
11 1
24 4
26 4
12 2
10 2
57 2
28 2
"MS"
"D2"
SECTION B-B
SCALE 3:10

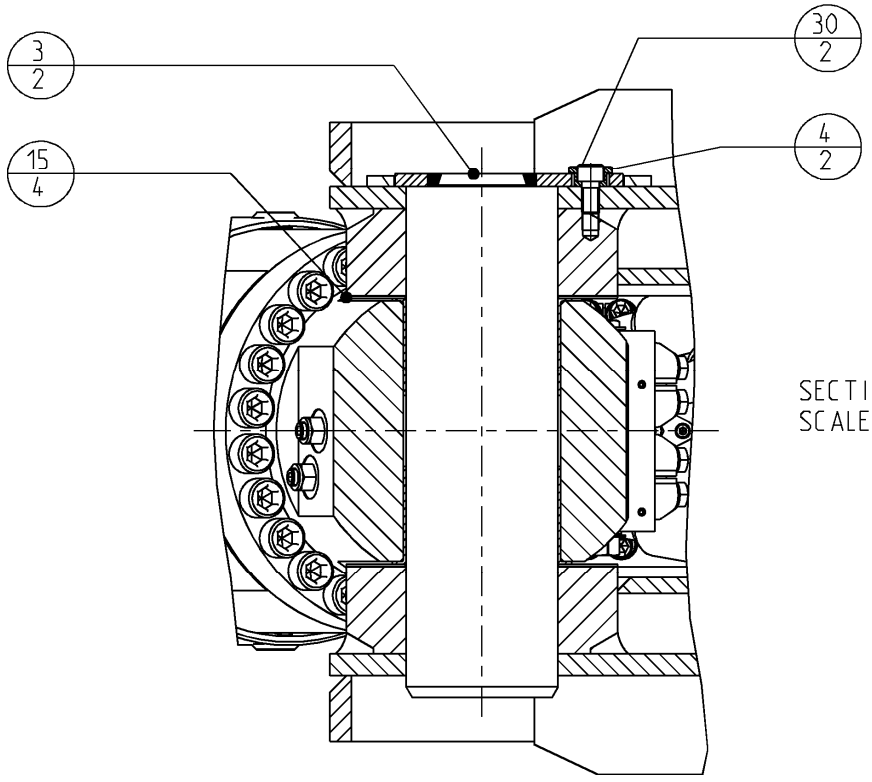
Concrete Crusher	Page	3	of	39
	Date	June 2022		
	Product type	DCC-65-C		
Housing GP	Number	DCC065D175CAB6-B		



SECTION C-C
SCALE 1:5

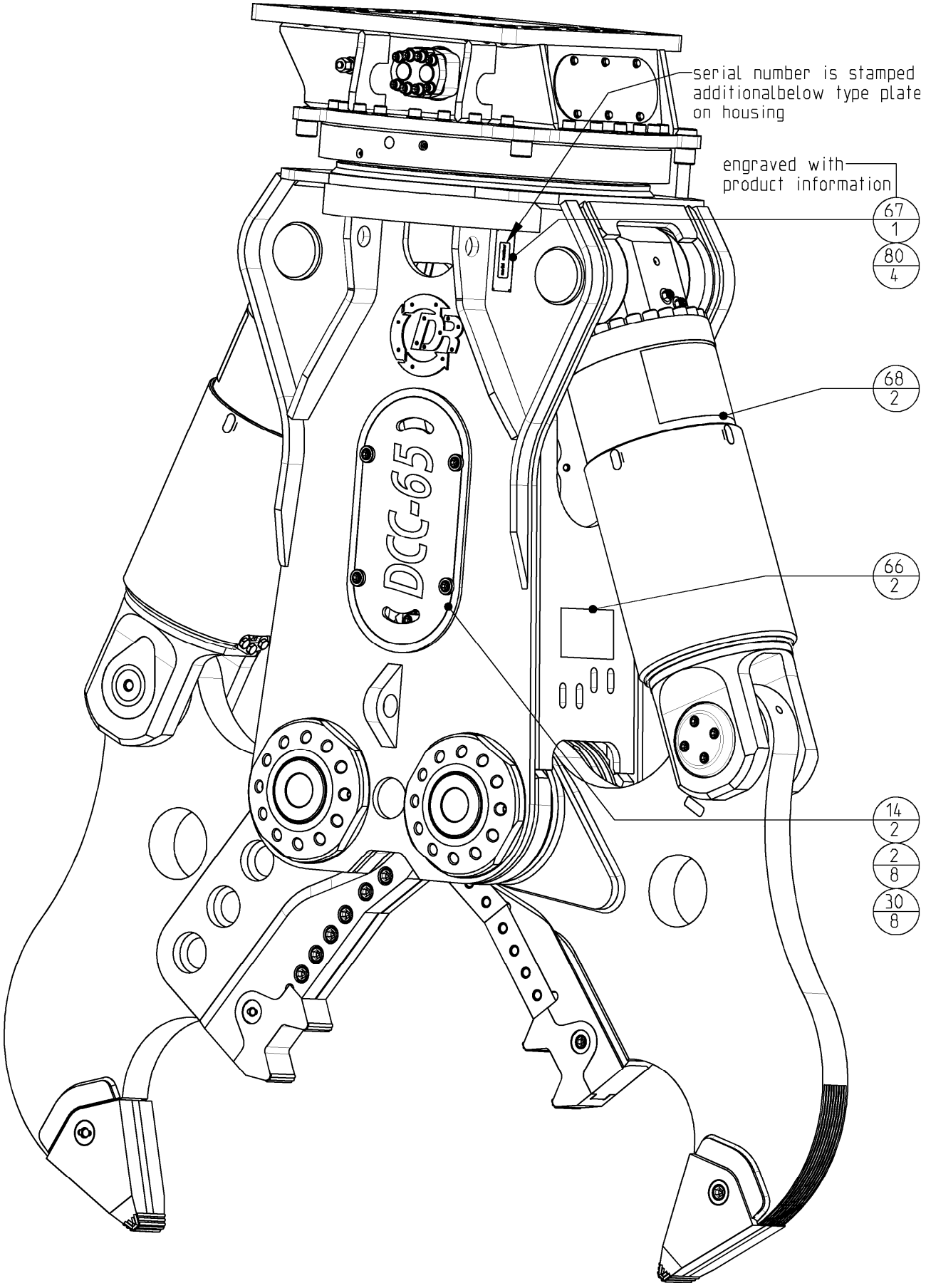


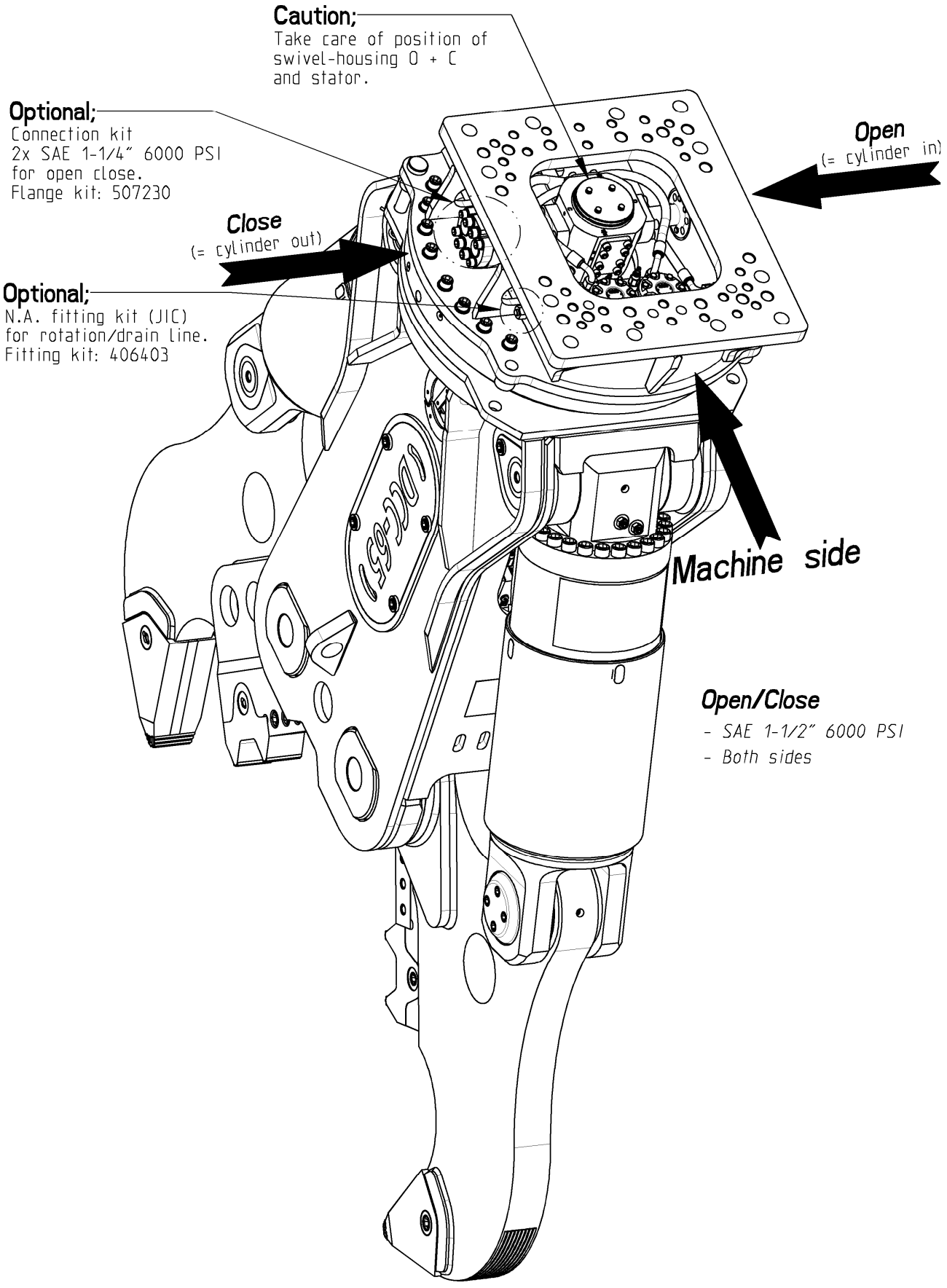
SECTION D-D
SCALE 1:5



SECTION E-E
SCALE 1:5

Concrete Crusher	Page	4	of	39
	Date	June 2022		
	Product type	DCC-65-C		
Housing GP	Number	DCC065D175CAB6-B		




Caution;
Take care of position of swivel-housing O + C and stator.
Optional;
Connection kit
2x SAE 1-1/4" 6000 PSI
for open close.
Flange kit: 507230
Close
(= cylinder out)
Optional;
N.A. fitting kit (JIC)
for rotation/drain line.
Fitting kit: 406403
Open
(= cylinder in)
Machine side
Open/Close
- SAE 1-1/2" 6000 PSI
- Both sides

Concrete Crusher

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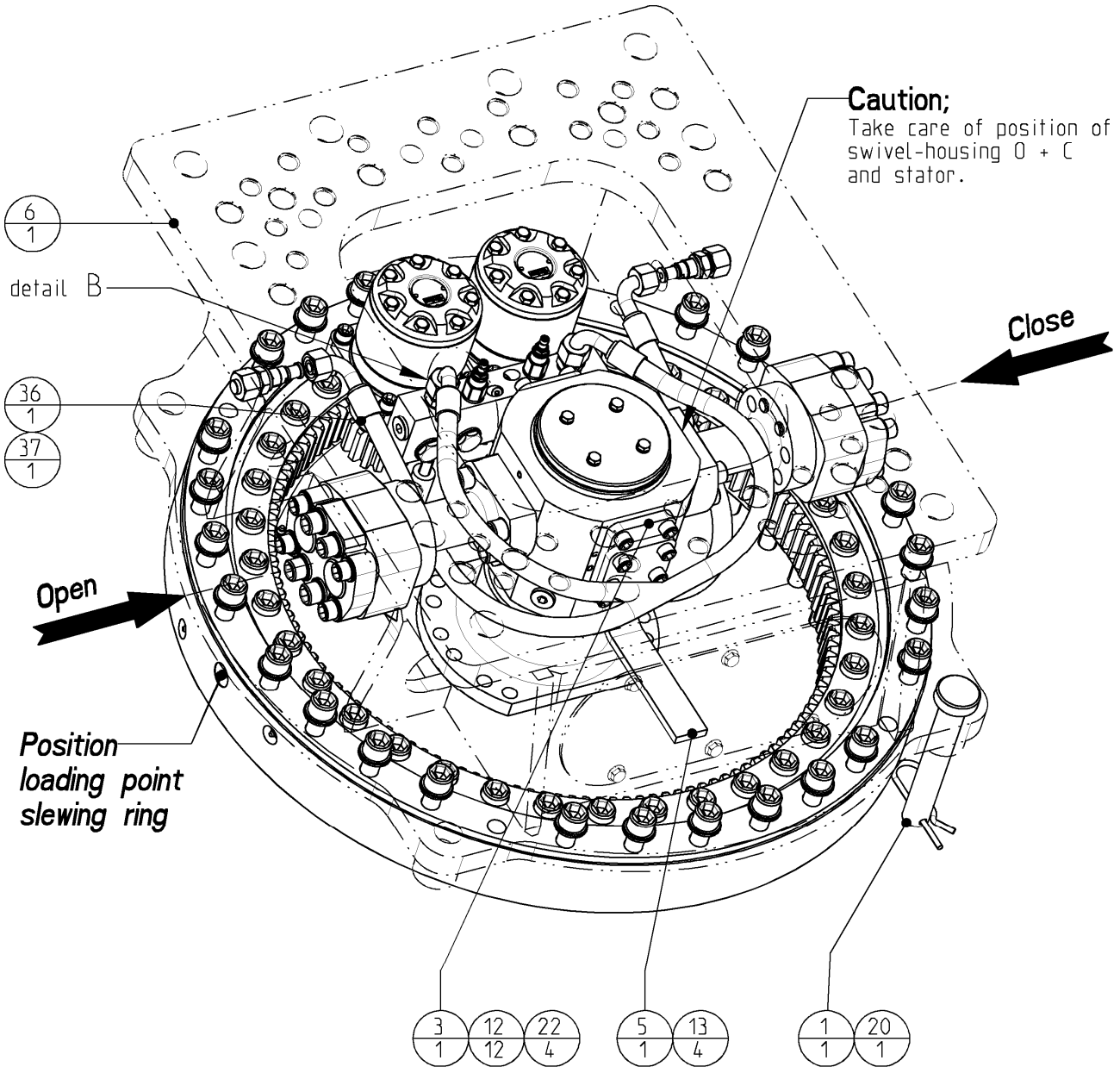
Date	June 2022		
Product type	DCC-65-C		

Housing GP

Number	DCC065D175CAB6-B

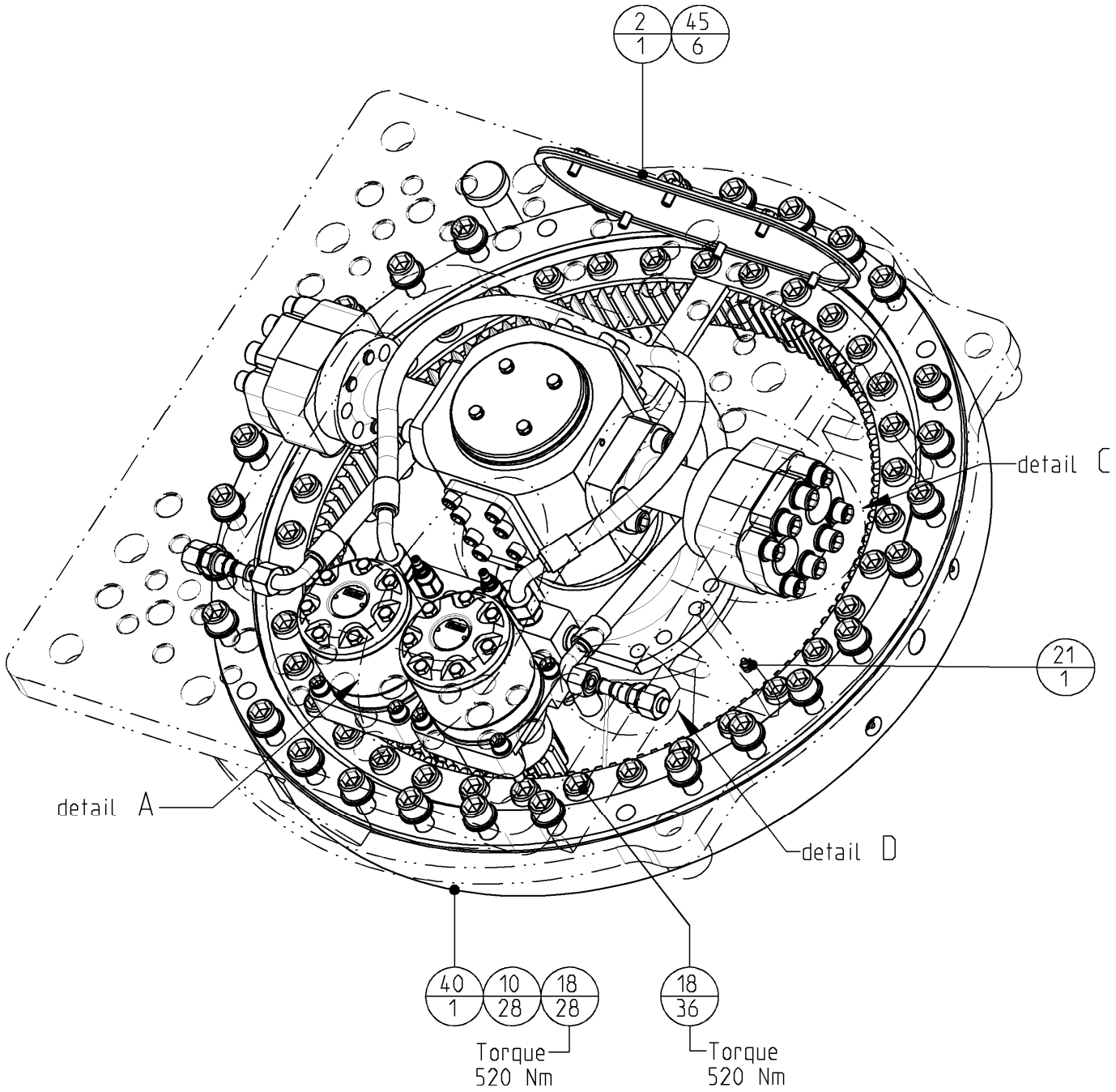
	POS	PARTNUMBER	PARTNAME	QT
	80	130059276	Screw - drive	4
	79	122000163	Washer normal	48
a	78	508267	Shim - straight	2
b	77	508229	Shim - shroud	2
b	76	508228	Shim - shroud	2
b	75	508227	Shim - shroud	2
b	74	508226	Shim - shroud	2
b	73	508225	Shim - shroud	4
a	72	508205	Shim - diamond	2
a	71	508204	Shim - diamond	2
a	70	508203	Shim - diamond	4
a	69	508202	Shearblade - diamond	2
	68	508162_R186	Sticker	2
	67	508115	Type plate	1
	66	508113	Sticker	2
a	65	508010	Shim - straight	2
a	64	508009	Shim - straight	4
a	63	508008	Shearblade - straight	2
	62	507482	Flange pipe 1-1/4" 6000 PSI	4
	61	507460	Hydraulic Cylinder GP	2
	60	507048	Bushing	2
	59	507007	Bushing	2
	58	506076	Bolts Hexagon	16
	57	506073	Lockwasher - Nordlock	2
	56	506005	Hex. socket head cap screw	24
	55	505289_RM_DCC65	Hydr. hose asm. 1-1/4" SAE 100R15	2
	54	505288_RM_DCC65	Hydr. hose asm. 1-1/4" SAE 100R15	2
	53	505236_DCC65-2	Hydr. hose asm. 1/4" SAE 100R2AT	1
	52	505236_DCC65-1	Hydr. hose asm. 3/16" SAE 100R2AT	1
	51	505210_RM_DCC65	Hydr. hose asm. 1½" SAE 100R15	2
	50	504217	Tube + V-ring	1
	49	504187	O-ring	4
	48	504097	Seal - flange	4
	47	503612	Banjo Coupling	2
	46	503505	SAE split flange	6
	45	503504	SAE split flange	24
	44	501936	Test-point	2
	43	501935	Plug - breather	1
	42	501913	Base flange - DCC	1
	41	501790	Valve GP	2
	40	501781	Speed valve GP - NG32	1
	39	500603	Seal - flange	19
	38	500601	Seal - flange	2
	37	500560	Grease - nipple	6
	36	500540	Springtype straight pin	2
c	35	500286	Hex. socket head cap screw	2
a	34	500283	Hex. socket head cap screw	12
b	33	500274	Hex. socket head cap screw	2
	32	500263	Hex. socket head cap screw	12
	31	500259	Hex. socket head cap screw	8
	30	500258	Hex. socket head cap screw	14
	29	500223	Hex. socket head cap screw	3
	28	500222	Hex. socket head cap screw	2
	27	500205	Bolts Hexagon	8
	26	500147	Bolts Hexagon	16
	25	500100	Bolts Hexagon	1
	24	500054	Washer HV	28
	23	500001	Nut Hexagon	1
b	22	409830	Shroud	2
c	21	409735	Ripper - tooth asm.	2
	20	409656	Endcap - pin Ø140	2
b	19	409640	Lock-nut	2
b	18	409639	Lock-bushing	2
	17	409470	Jaw machined	2
	16	408755	Housing machined	1
	15	408703	Shim	4
	14	408671	Cover Large DCC	2
	13	408500	Rotatorhead GP	1
	12	408485	Bolt asm.	2
	11	408484	Lockplate - valve	1
	10	408483	Lockplate	2
c	9	408395	Lock-nut	2
c	8	408394	Lock-bushing	2
	7	407821	Pin asm.	2
	6	407800	Spacer	4
	5	407794	Pin	2
	4	407787	Lock bushing	2
	3	407781	Pin asm.	2
	2	405104	Lock bushing	8
	1	405078	Locknut	2

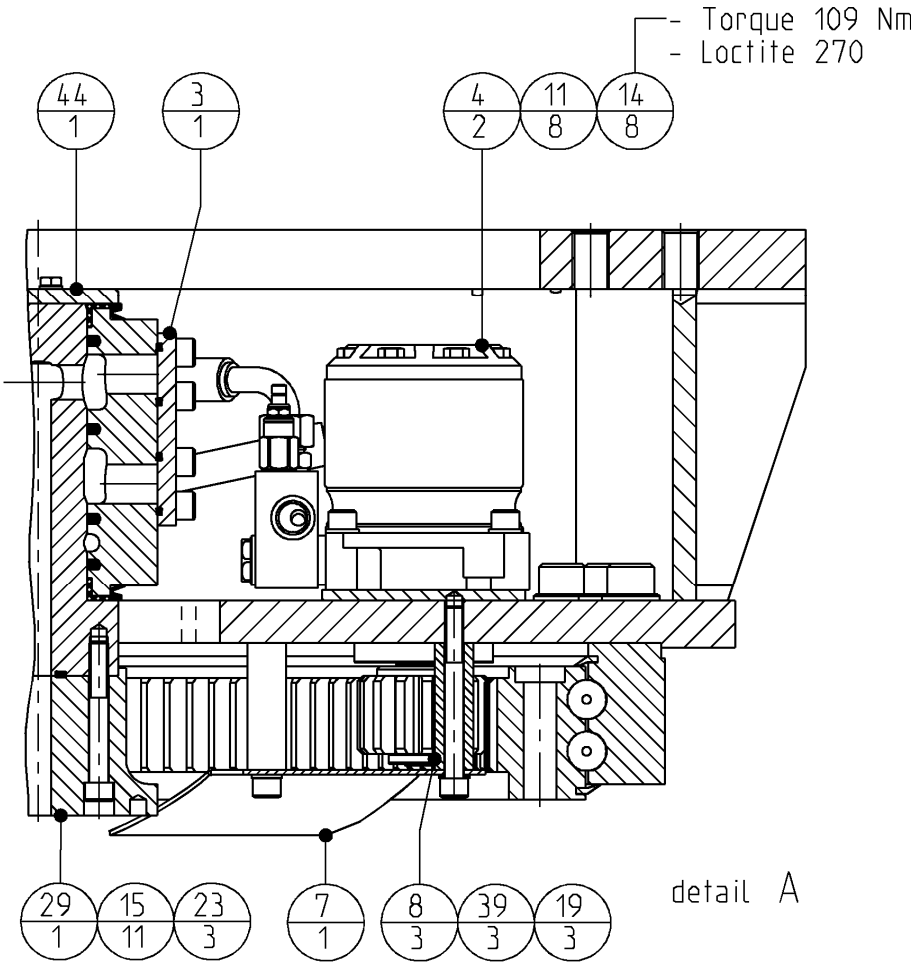


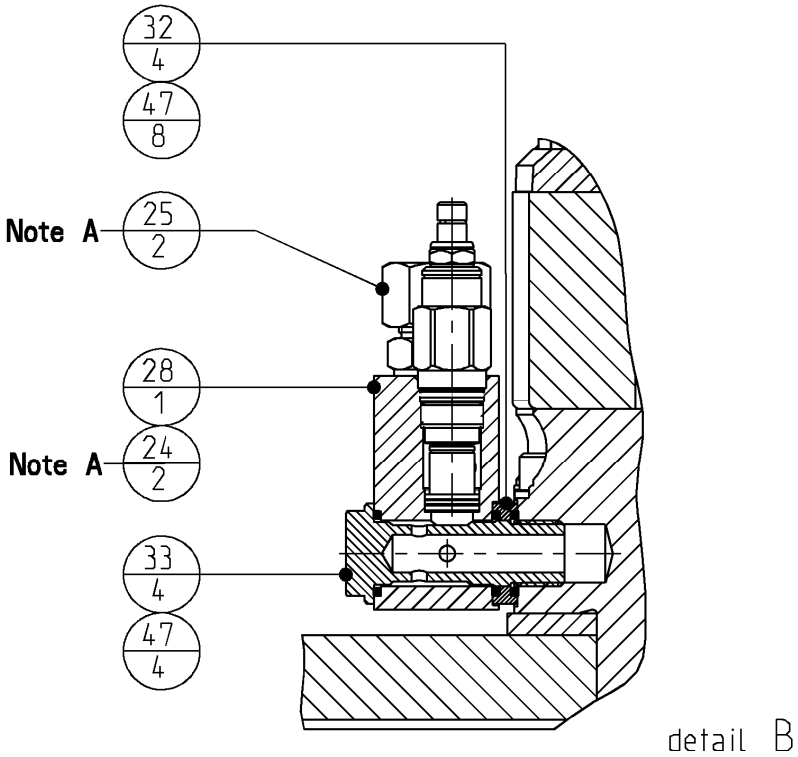
Note A
Mount with Cyberbound TT62 according instruction at the end of this partsbook.

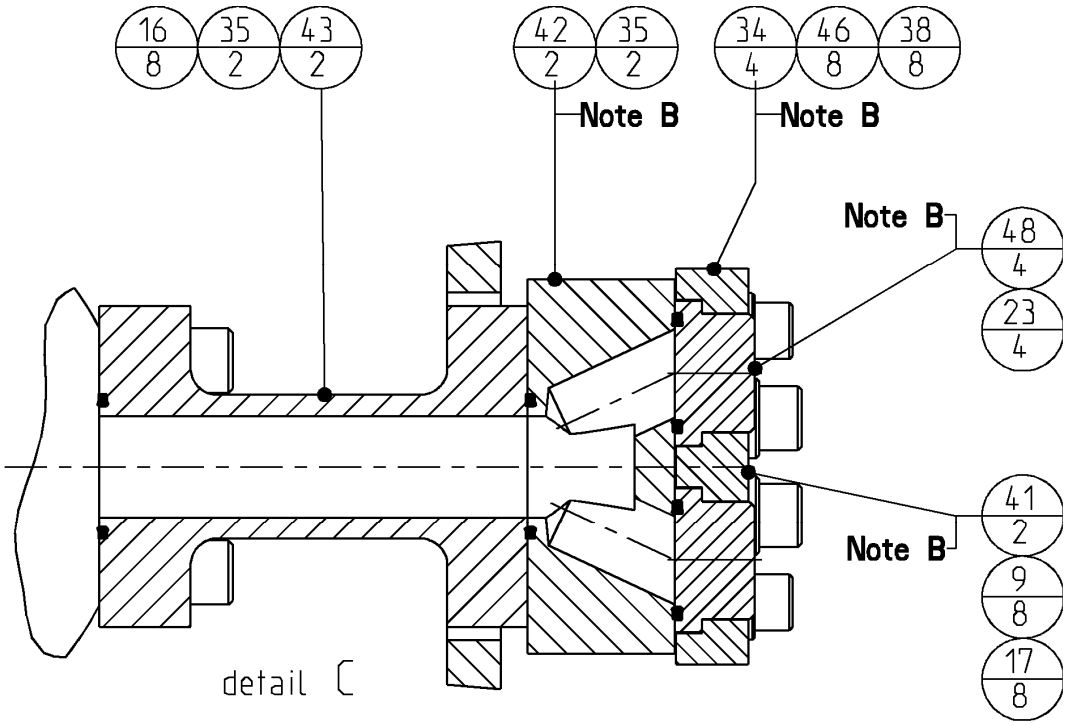
Note B
Optional open/close connection kit
Flange kit: 507230

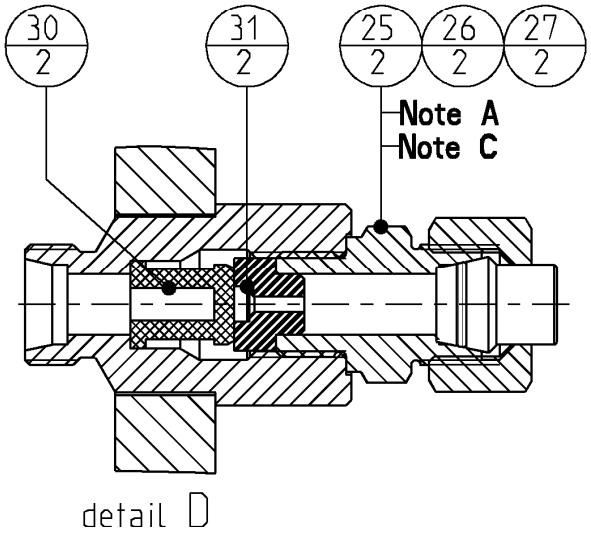
Note C
Optional N.A. fitting kit (JIC)
Fitting kit: 406403


2
1
45
6
detail C
21
1
detail A
detail D
40
1
10
28
18
28
Torque
520 Nm
18
36
Torque
520 Nm


- Torque 109 Nm
- Loctite 270
44 1
3 1
4 2
11 8
14 8
29 1
15 11
23 3
7 1
8 3
39 3
19 3
detail A


32 4
47 8
Note A
25 2
28 1
Note A
24 2
33 4
47 4
detail B

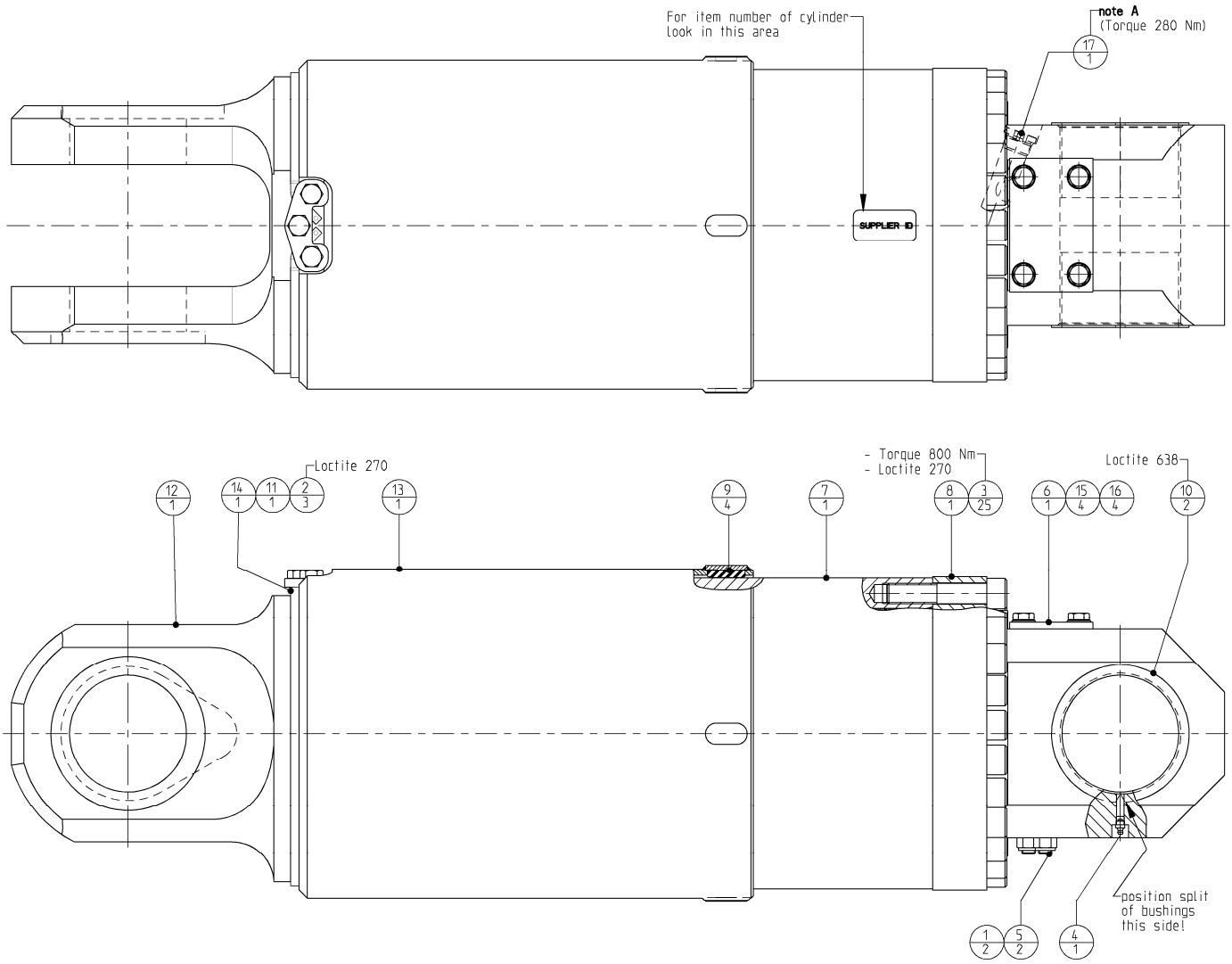

16 8
35 2
43 2
42 2
35 2
34 4
46 8
38 8
Note B
Note B
Note B
48 4
23 4
41 2
Note B
9 8
17 8
detail C


30 2
31 2
25 2
26 2
27 2
Note A
Note C
detail D

Concrete Crusher	Page	11	of	39
	Date	June 2022		
	Product type	DCC-65-C		
Rotatorhead GP	Number	408500-03		

48	291065241	SAE stop	4
47	257066194	Kantseal	12
46	122000163	Washer normal	8
45	120013828	Bolts Hexagon - self locking	6
44	507260	Swivel GP	1
43	507202	Flange pipe 1-1/2" 6000 PSI	2
42	507201	Double flange 1-1/4" 6000 PSI	2
41	507200	SAE split flange - double	2
40	507000	Slewing Ring; Internal Gear	1
39	506055	Lockwasher - Nordlock	3
38	506005	Hex. socket head cap screw	8
37	505183_V65_1	Hydr. hose asm. 1/2" SAE 100 R2AT	1
36	505182_V65_1	Hydr. hose asm. 1/2" SAE 100 R2AT	1
35	504097	Seal - flange	4
34	503504	SAE split flange	4
33	502907	Banjo bolt	4
32	502903	Spacer	4
31	502001	Drossel - ring	2
30	502000	Filter	2
29	501911	Intermediate flange	1
28	501733	Valve GP	1
27	500945	Blanking plug	2
26	500940	Nut coupling	2

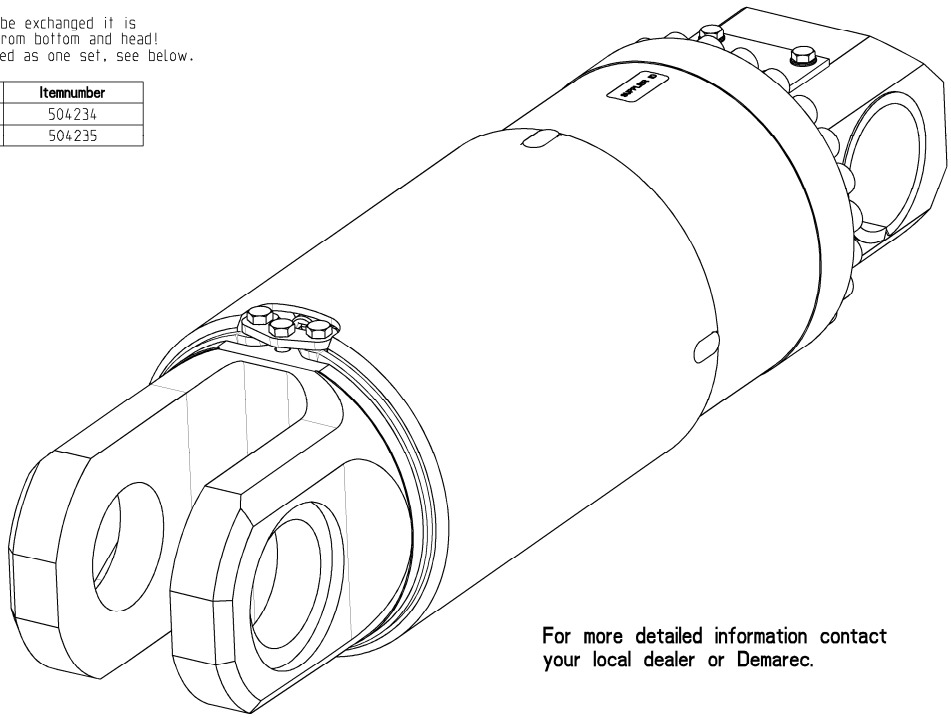
POS	PARTNUMBER	PARTNAME	QT
25	500693	Male stud coupling	4
24	500652	Blanking end	2
23	500603	Seal - flange	7
22	500601	Seal - flange	4
21	500560	Grease - nipple	1
20	500504-2	Locking pin (hair-pin)	1
19	500303	Hex. socket head cap screw	3
18	500278	Hex. socket head cap screw	64
17	500268	Hex. socket head cap screw	8
16	500263	Hex. socket head cap screw	8
15	500255	Hex. socket head cap screw	11
14	500252	Hex. socket head cap screw	8
13	500250	Hex. socket head cap screw	4
12	500248	Hex. socket head cap screw	12
11	500068	Washer spring	8
10	500055	Washer HV	28
9	500054	Washer HV	8
8	408519	Spacer sleeve	3
7	408518	Blade - greasing	1
6	408501	Rotatorhead asm. machined	1
5	408057	Plate - lock	1
4	407855	Motor GP	2
3	407706	SAE blind flange	2
2	406332	Cover asm.	1
1	405866	Lockpin	1



Note
When seals inside the cylinder must be exchanged it is important to exhange also the bolts from bottom and head! Seals, bolts and Loctite can be ordered as one set, see below.

Service set	Itemnumber
Service seal set	504234
Service set (seals , bolts & Loctite)	504235

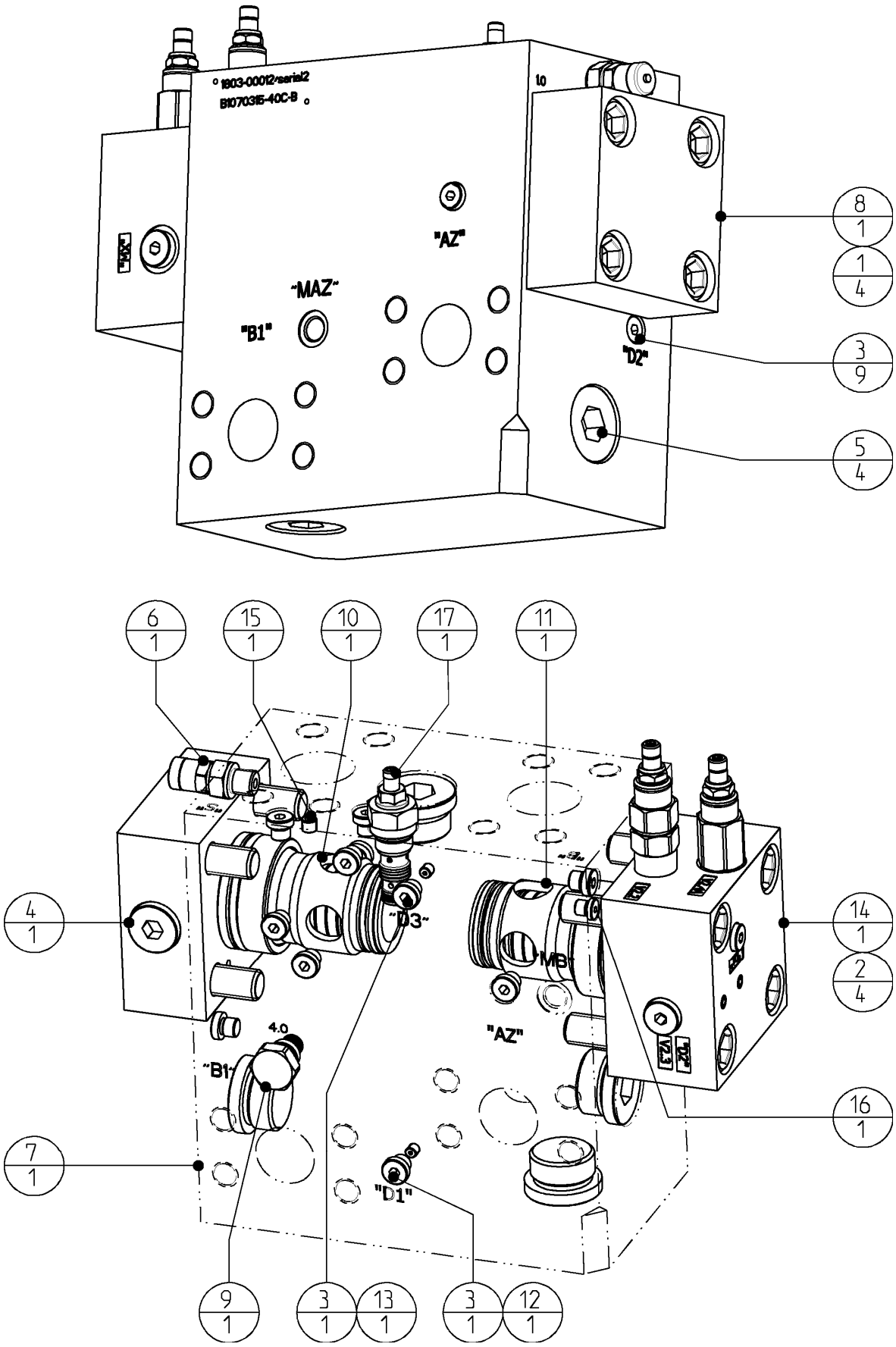
note A:
Mount with cyberbound TT62 according instructions at the end of the partsbook.



For more detailed information contact your local dealer or Demarec.

POS	PARTNUMBER	PARTNAME	QT
17	290058186	Blanking end ISO 6149	1
16	122000163	Washer normal	4
15	120010334	Bolts Hexagon	4
14	507465	Lock	1
13	507463	Protection Cap asm.	1
12	507461	Rod GP	1
11	507436	Lockplate	1
10	507047	Bushing - collar	2
9	504224	Slide pad	4
8	501807	Cylinder - bottom	1
7	501806	Tube - housing	1
6	501754	Blanking cover	1
5	501408	Bleeding screw GP	2
4	500560	Grease - nipple	1
3	500287	Hex. socket head cap screw	50
2	500146	Bolts Hexagon	3
1	500031	Nut Hexagon self-locking	2

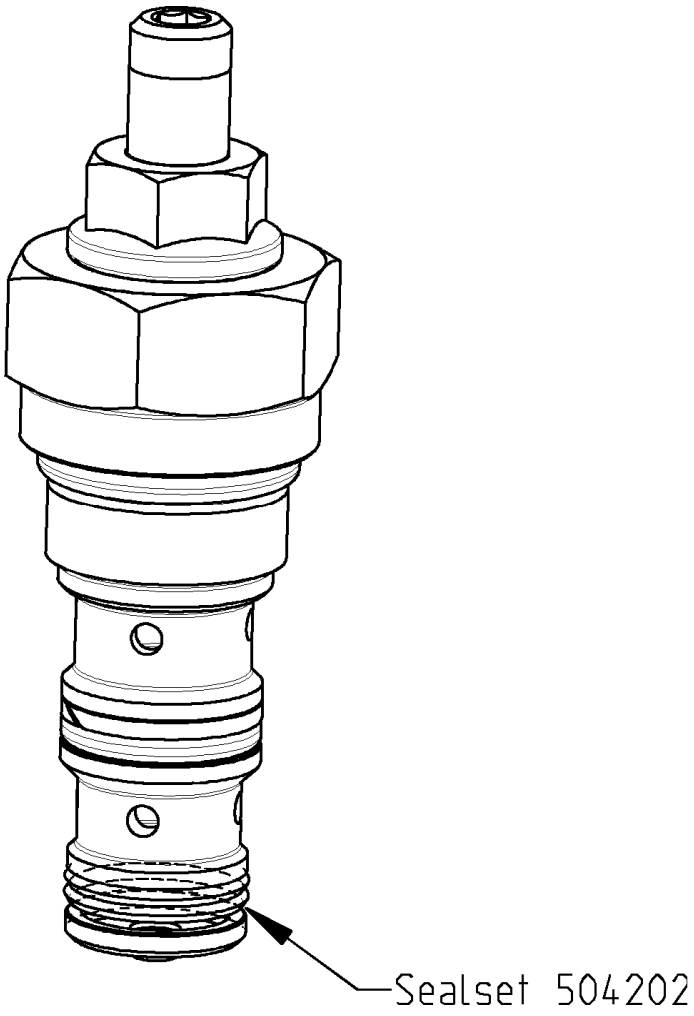
Concrete Crusher	Page	14	of	39
	Date	June 2022		
	Product type	DCC-65-C		
Valve GP	Number	501781-05		

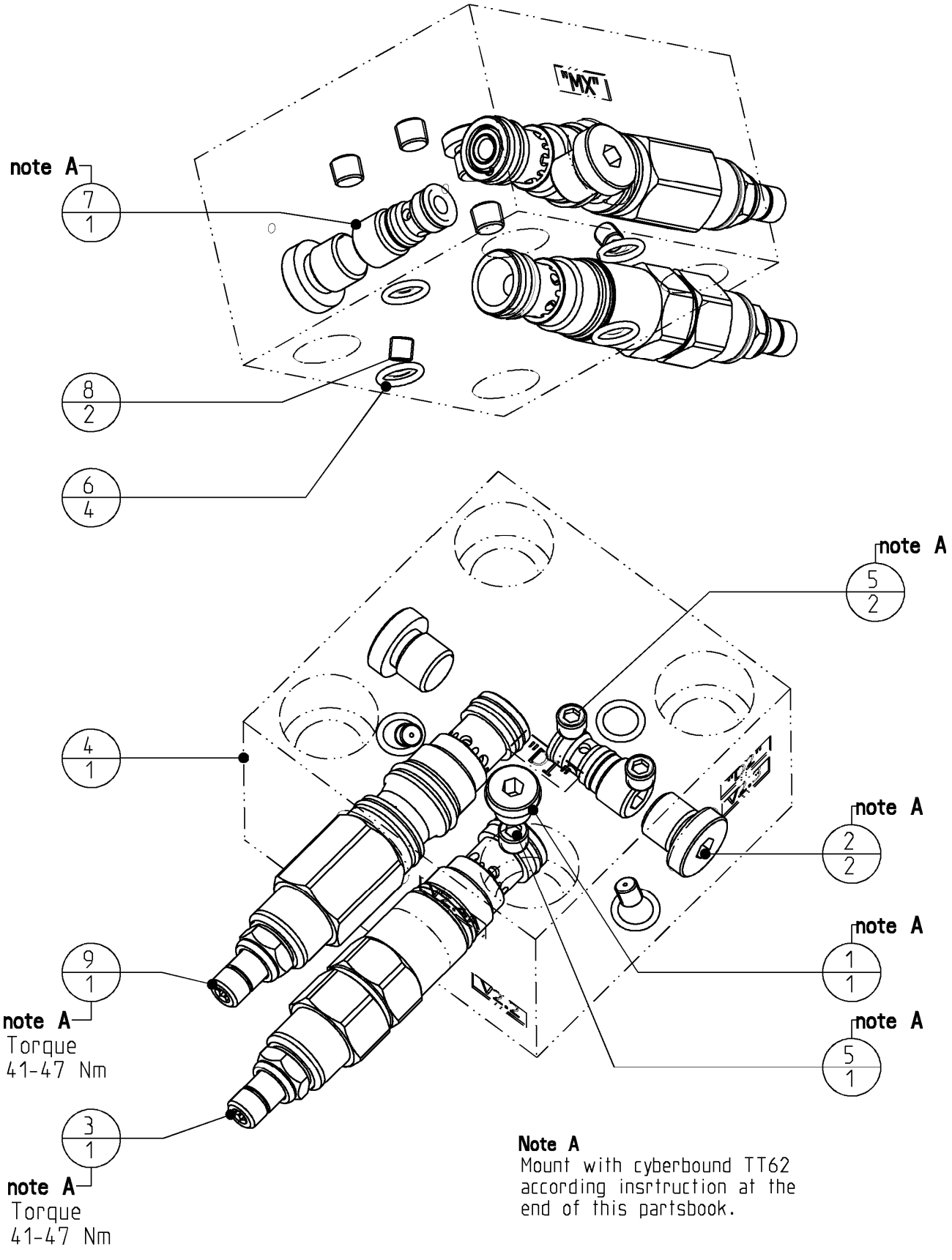


POS	PARTNUMBER	PARTNAME	QT
17	507391	Priority cartridge valve	1
16	503904	Blanking end SAE J514	1
15	502132	Hex.socket plug-tappered	1
14	501977	Cover GP - NG32	1
13	501929	Restrictor - plug	1
12	501928	Restrictor - plug	1
11	501789	Cartridge slip-in NG32	1
10	501788	Cartridge slip-in NG32	1
9	501787	Valve - check	1
8	501783	Cover NG32	1
7	501782	Housing	1
6	500740	Test-point	1
5	500654	Blanking end	4
4	500652	Blanking end	1
3	500649	Blanking end	11
2	500264	Hex. socket head cap screw	4
1	500262	Hex. socket head cap screw	4

Sealset 504205

Sealset 504205


Sealset 504202



Note A
Mount with cyberbound TT62 according insrtruction at the end of this partsbook.

POS	PARTNUMBER	PARTNAME	QT
9	507510	Cartridge - sequence valve	1
8	507323	Restrictor - plug	2
7	507060	Cartridge - shuttle valve	1
6	504160	O-ring (ORFS -06)	4
5	502132	Hex.socket plug-tappered	3
4	501978	Cover	1
3	501537	Cartridge - sequence valve	1
2	500650	Blanking end	2
1	500649	Blanking end	1

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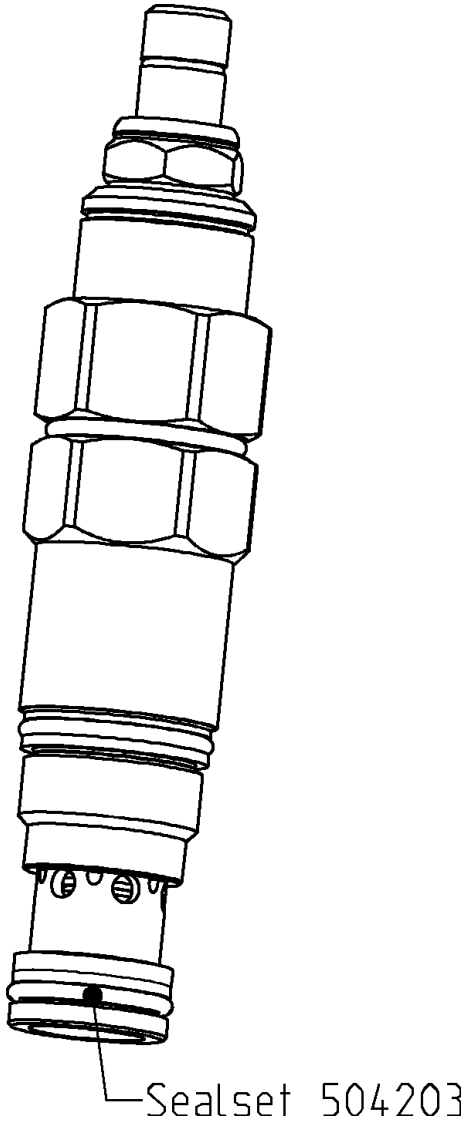
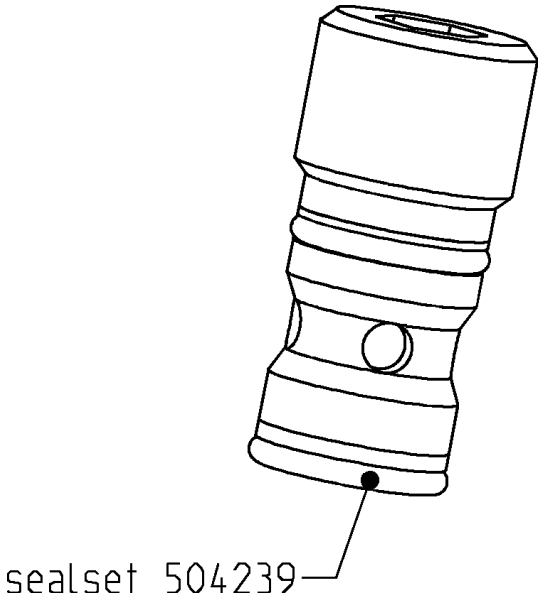
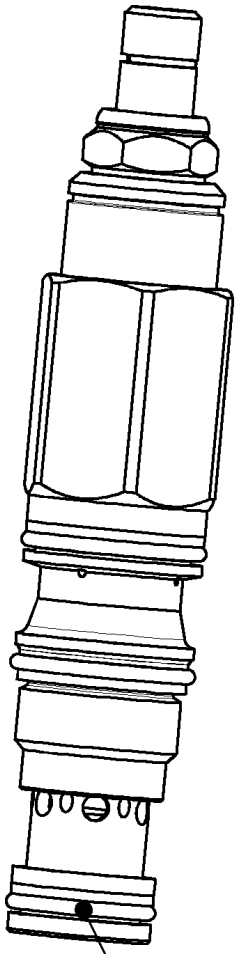
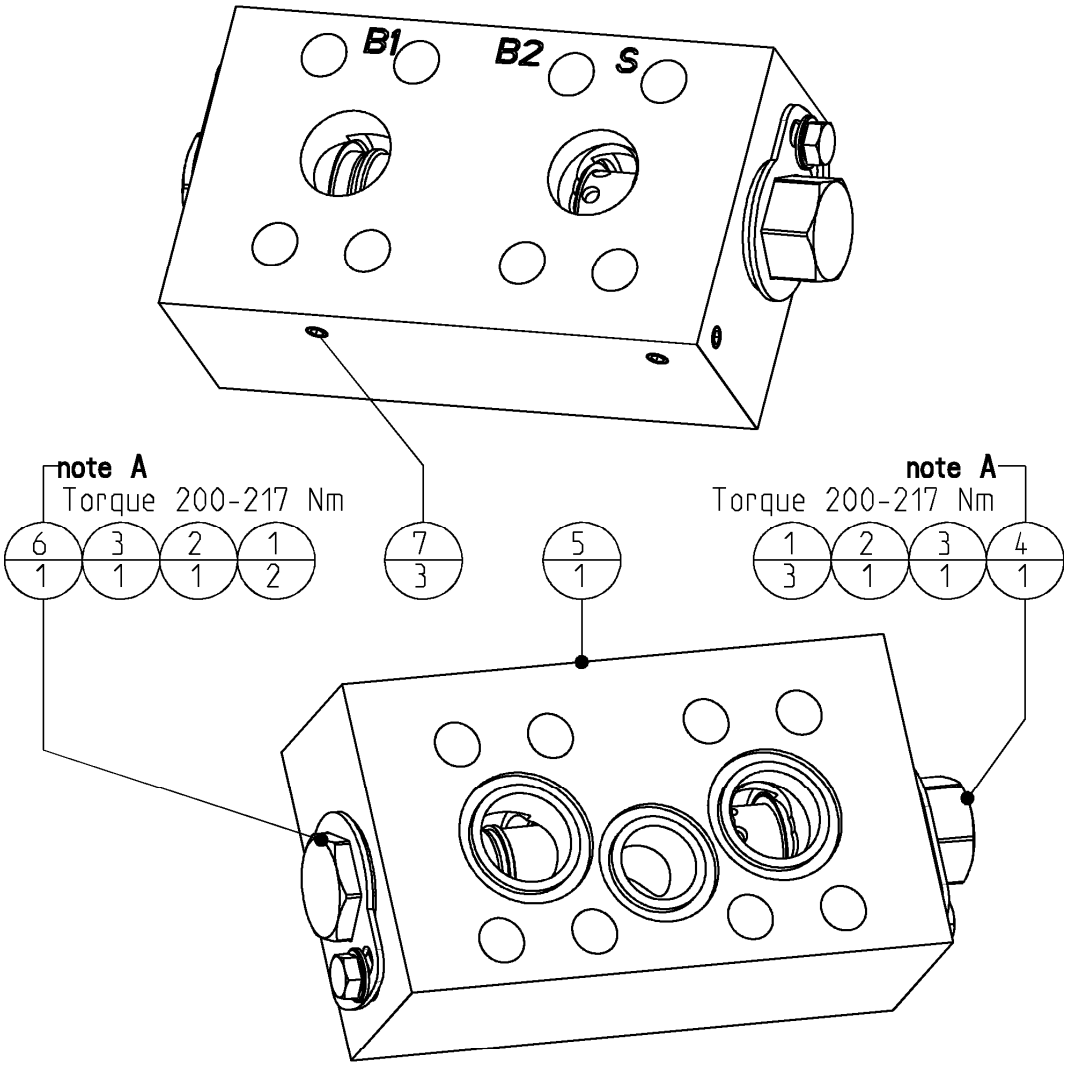
	Date	June 2022		
	Product type	DCC-65-C		
Cartridge - sequence valve	Number	501537-00		




sealset 504239

Concrete Crusher	Page	23	of	39
	Date	June 2022		
	Product type	DCC-65-C		
Cartridge - sequence valve	Number	507510-00		

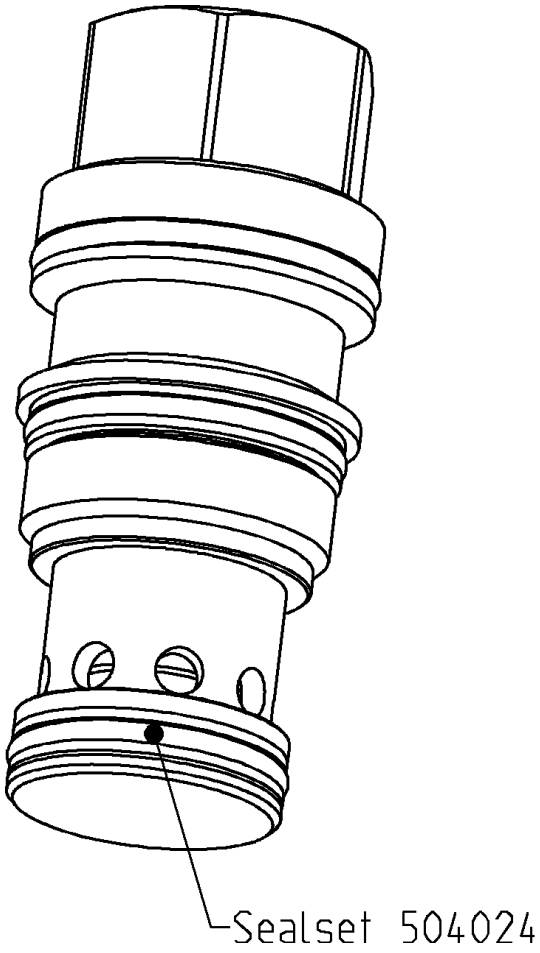




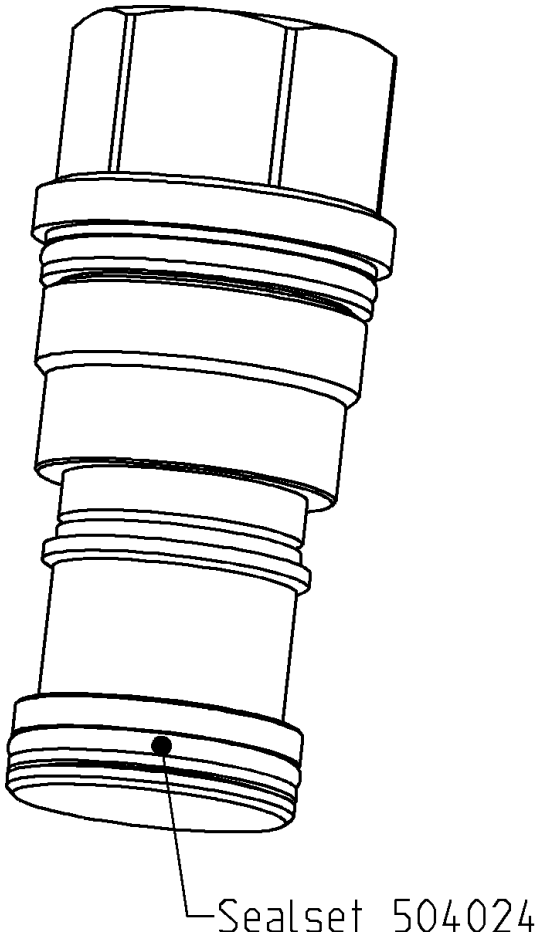
note A:
Mount with cyberbound TT62 according instruction at the end of the partsbbok.

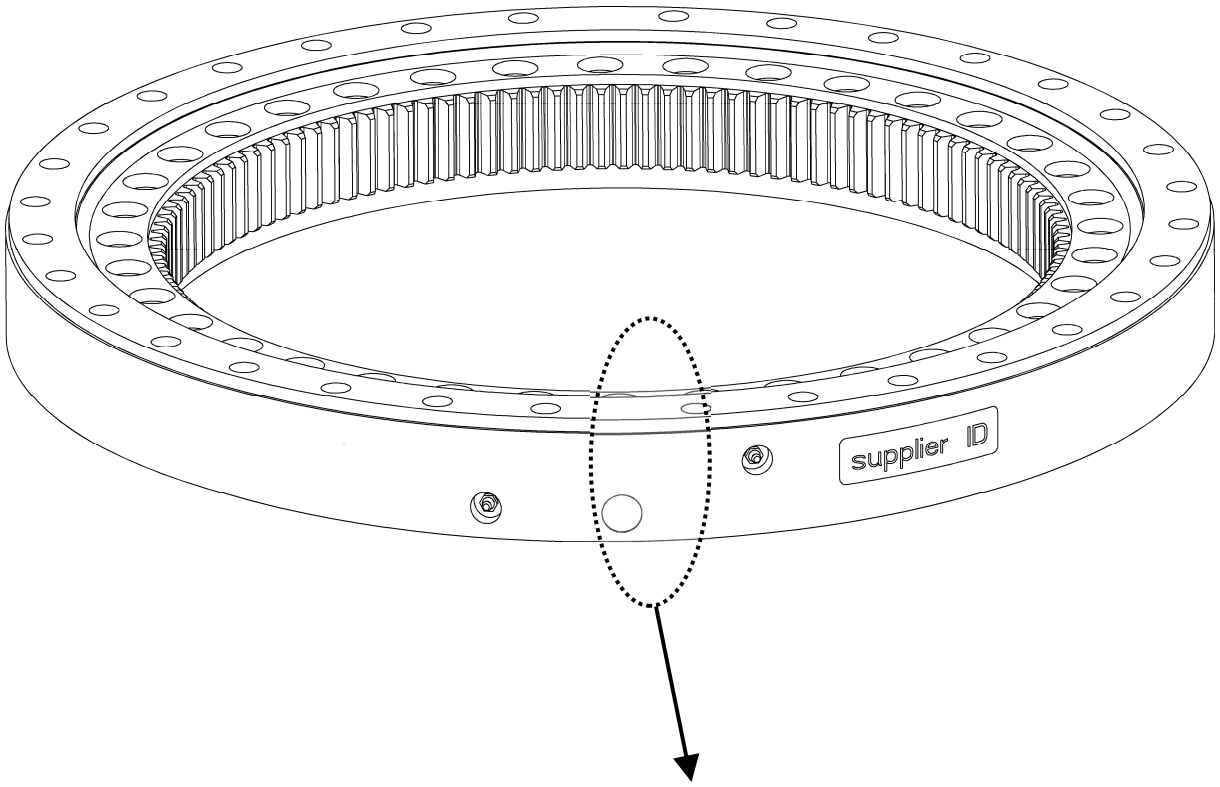
POS	PARTNUMBER	PARTNAME	QT
7	502132	Hex.socket plug-tappered	3
6	502117	Cartridge - check valve	1
5	501791	Valve - housing	1
4	501378	Cartridge - check valve	1
3	501347	Lockplate Key 32	2
2	500103	Bolts Hexagon	2
1	500041	Washer normal	5

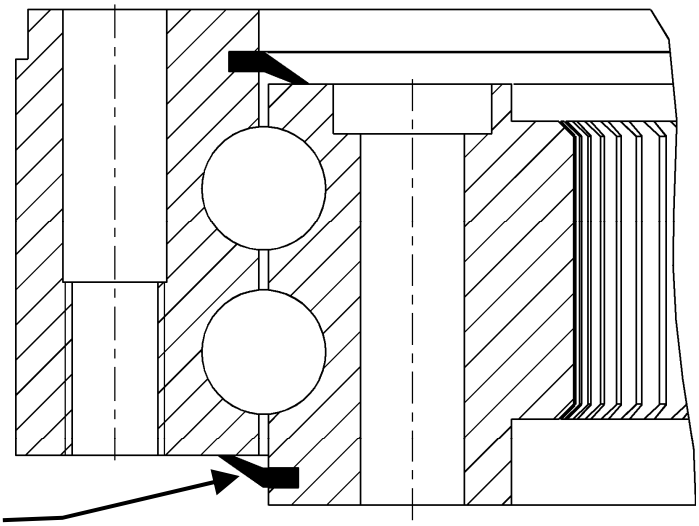
Concrete Crusher	Page	25	of	39
	Date	June 2022		
	Product type	DCC-65-C		
Check valve	Number	501378-02		



Concrete Crusher	Page	26	of	39
	Date	June 2022		
	Product type	DCC-65-C		
Check valve	Number	502117-02		

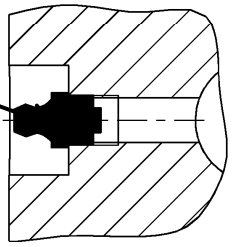


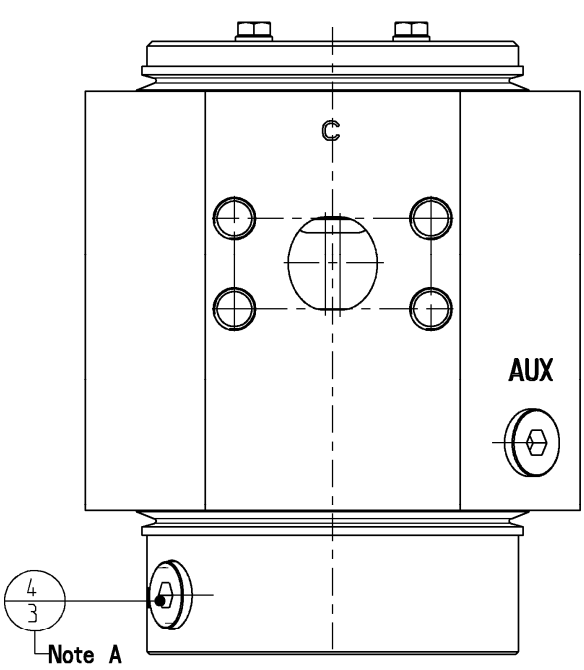


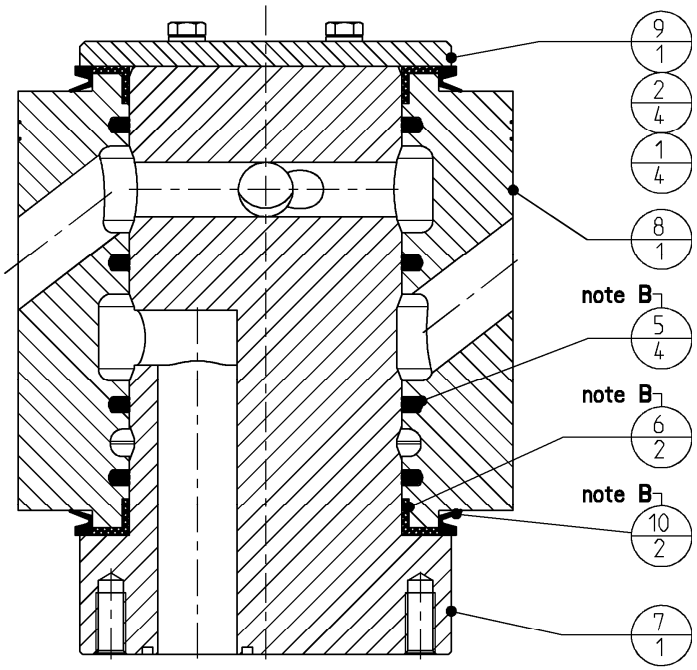


2x seal 256060902
mount with Loctite 480

2x grease
nipple

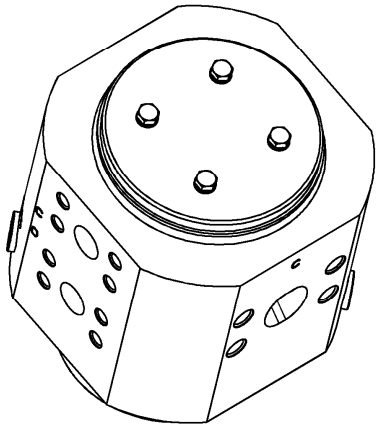


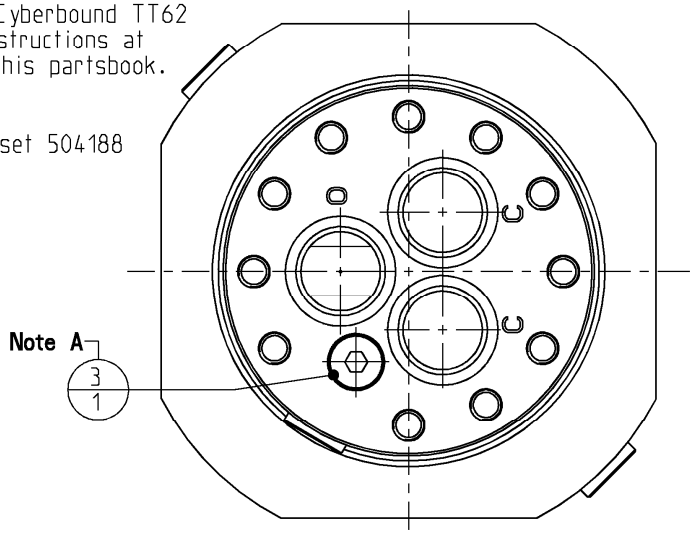


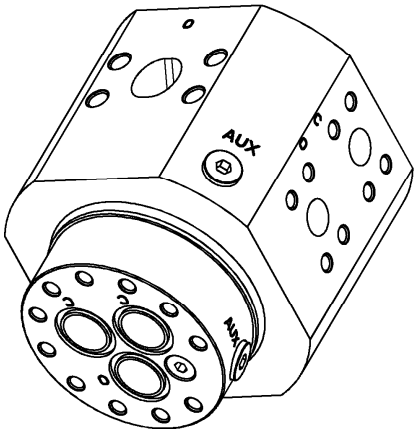


note A
Mount with Cyberbound TT62 according instructions at the end of this partsbook.

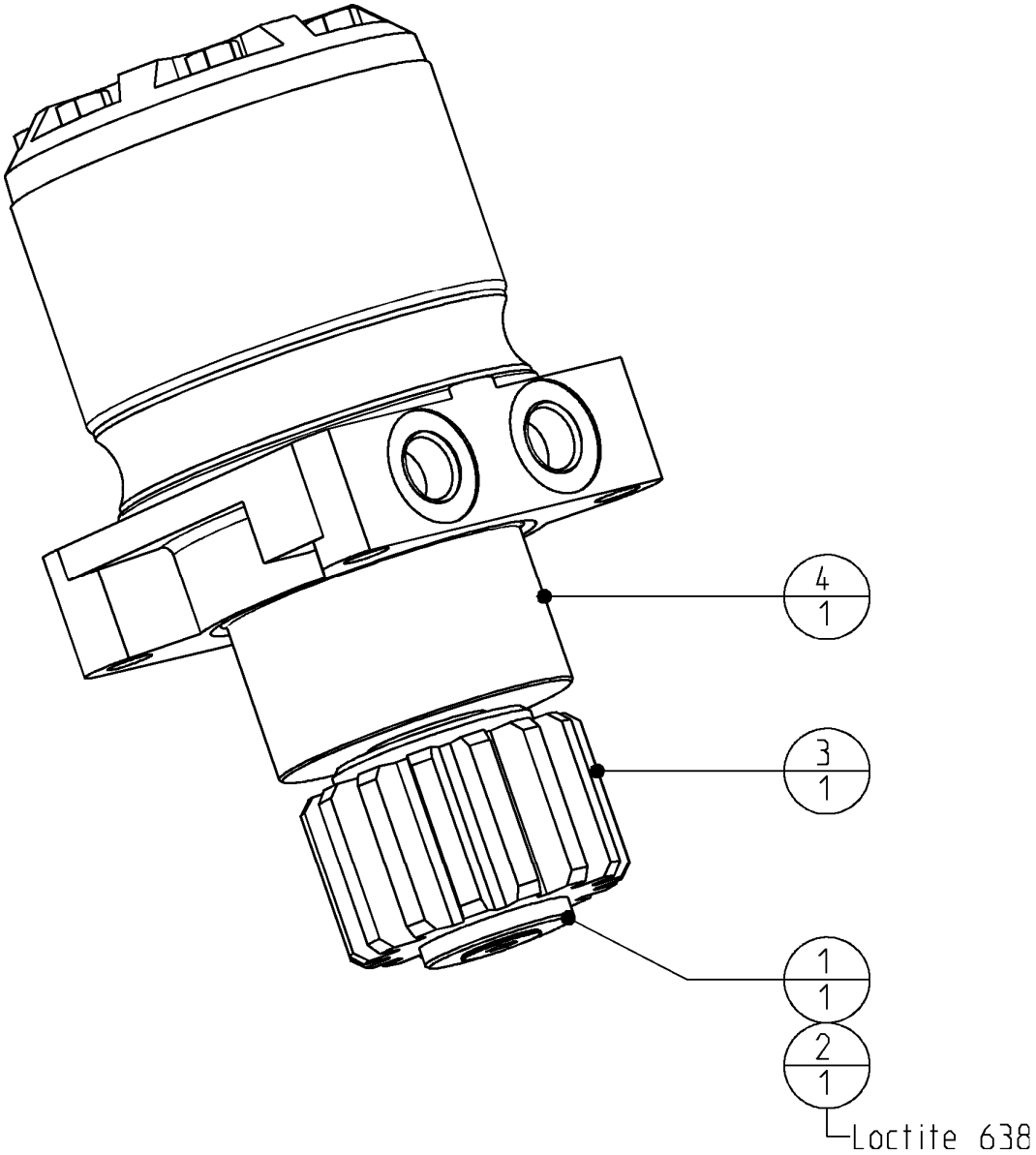
note B
Part of sealset 504188



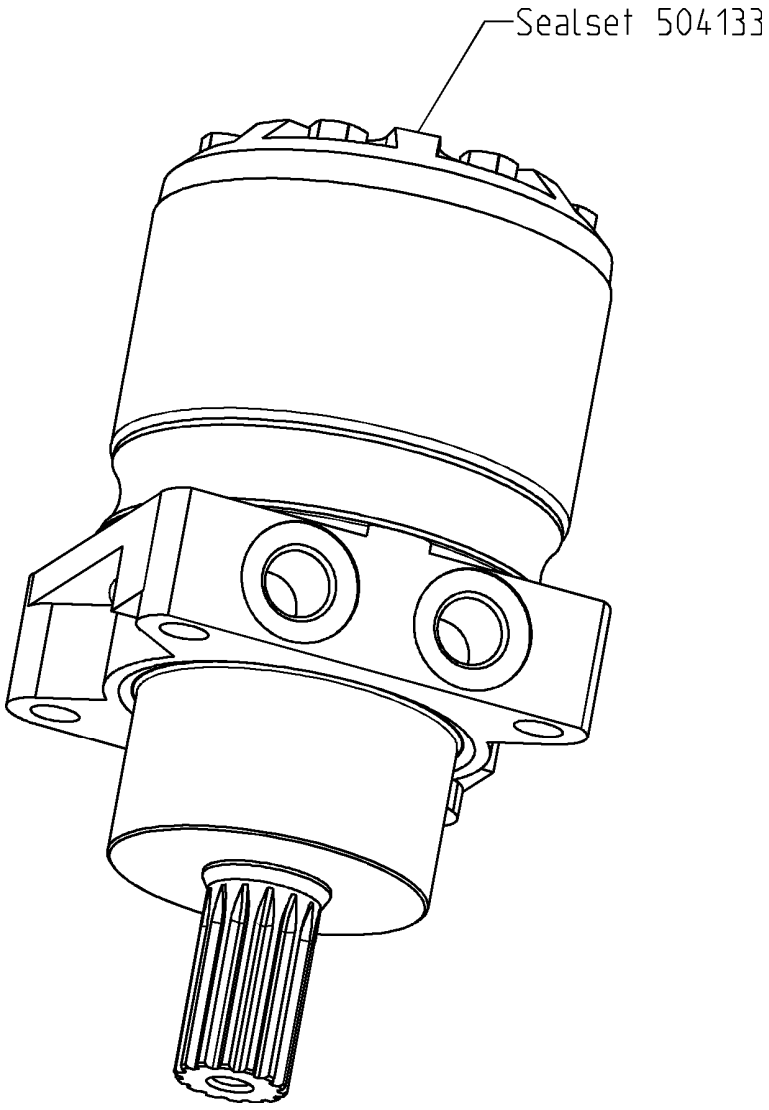


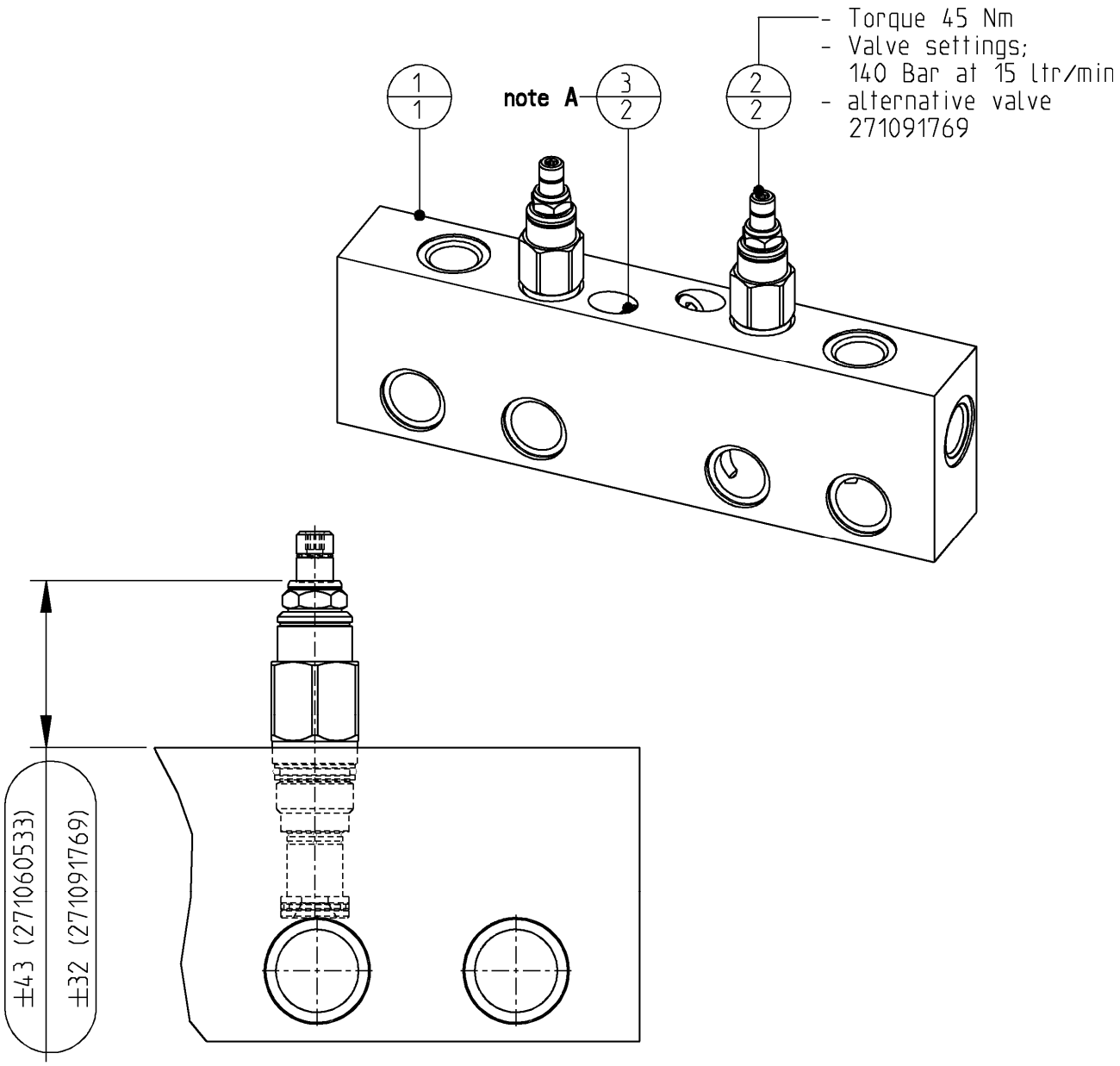


POS	PARTNUMBER	PARTNAME	QT
10	504054_VG_D140	Seal	2
9	507263	Cover	1
8	507262	Housing	1
7	507261	Stator	1
6	504222	Axial ring	2
5	504206	Roto seal	4
4	500652	Blanking end	3
3	500651	Blanking end	1
2	500105	Bolts Hexagon	4
1	500066	Washer spring	4



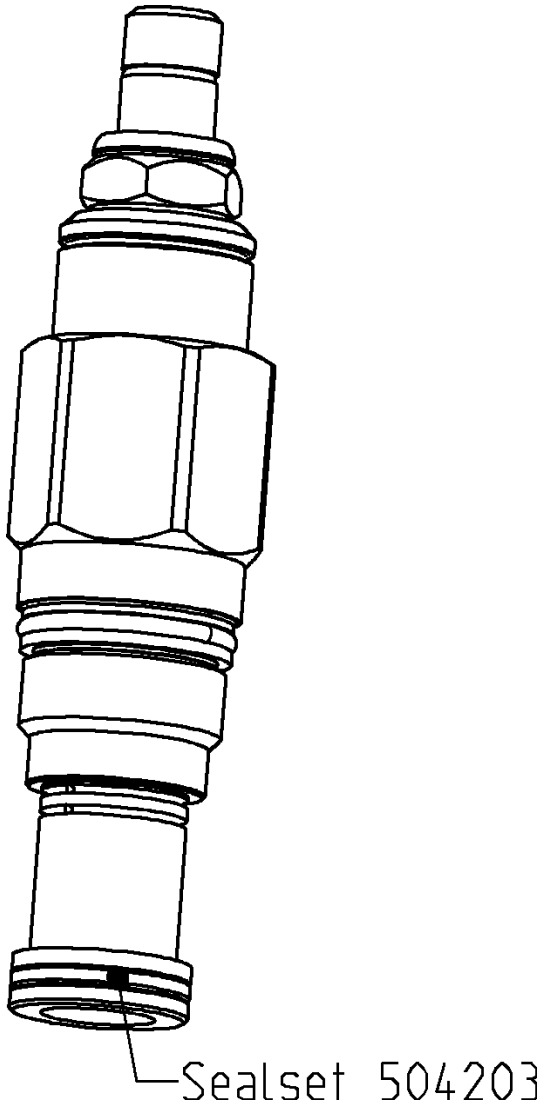
POS	PARTNUMBER	PARTNAME	QT
4	501801	Hydraulic motor	1
3	501099	Pinion	1
2	500347	Flat countersunk head cap screws	1
1	407692	Washer	1

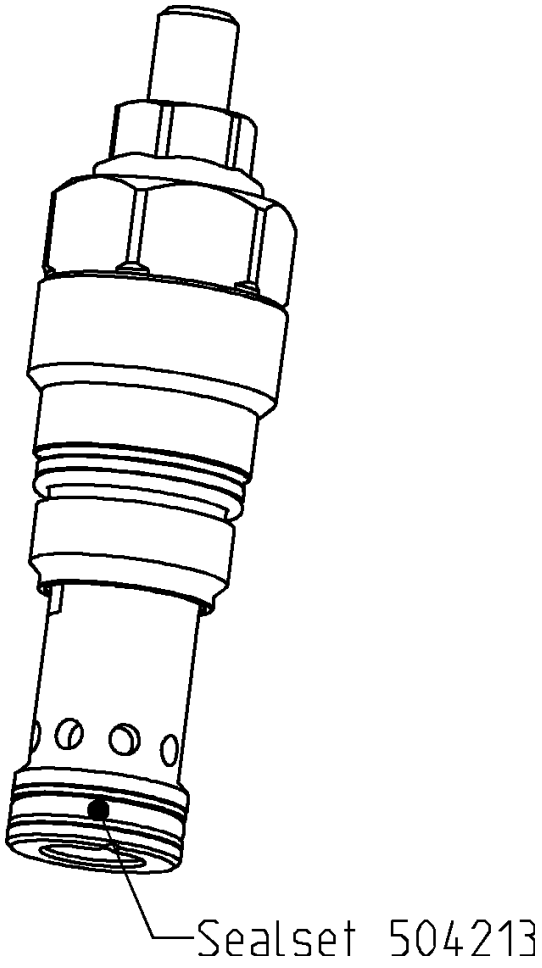

Sealset 504133

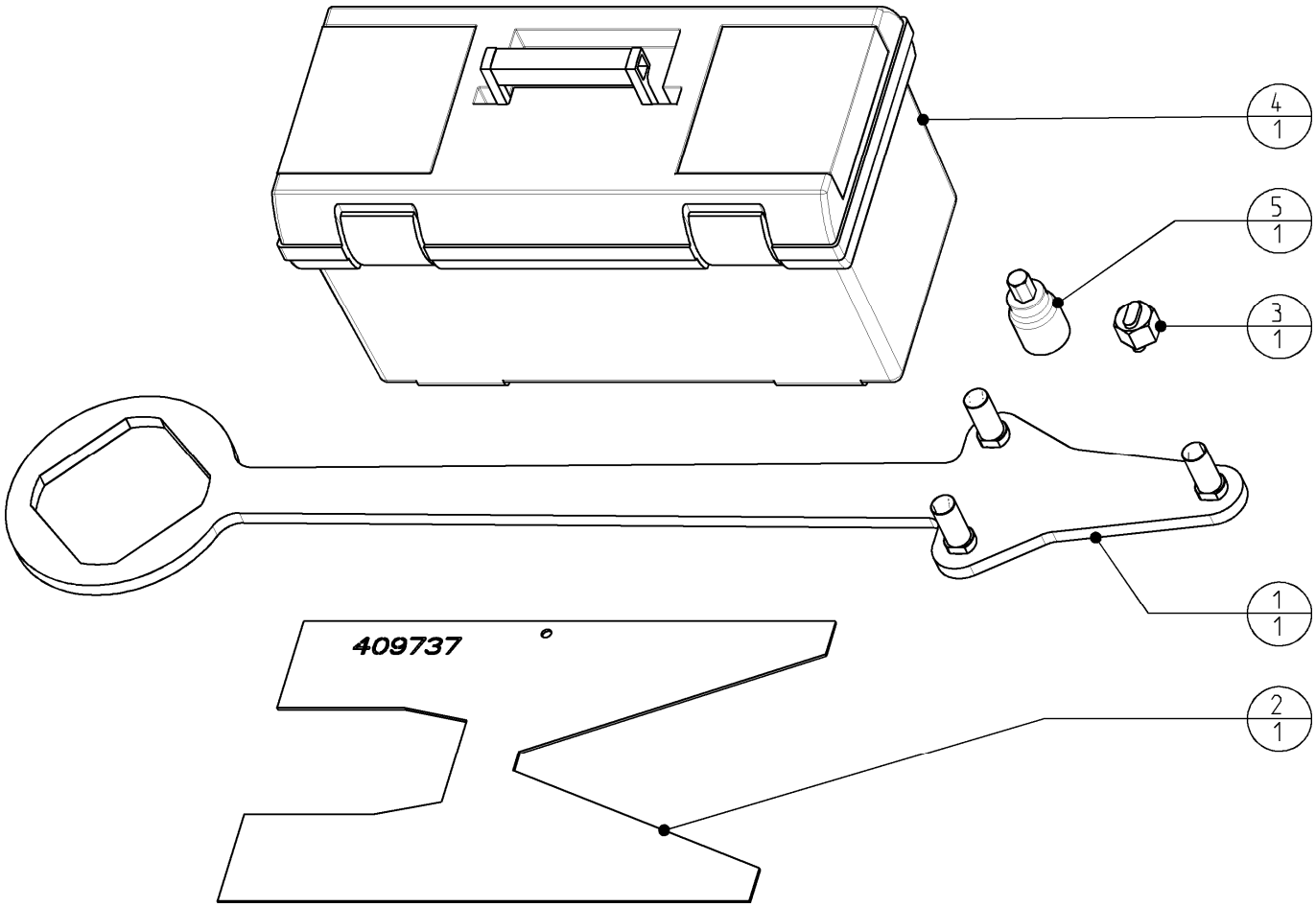


Note A:
Mount with Cyberbound TT62 according instructions at the end of this partsbook.

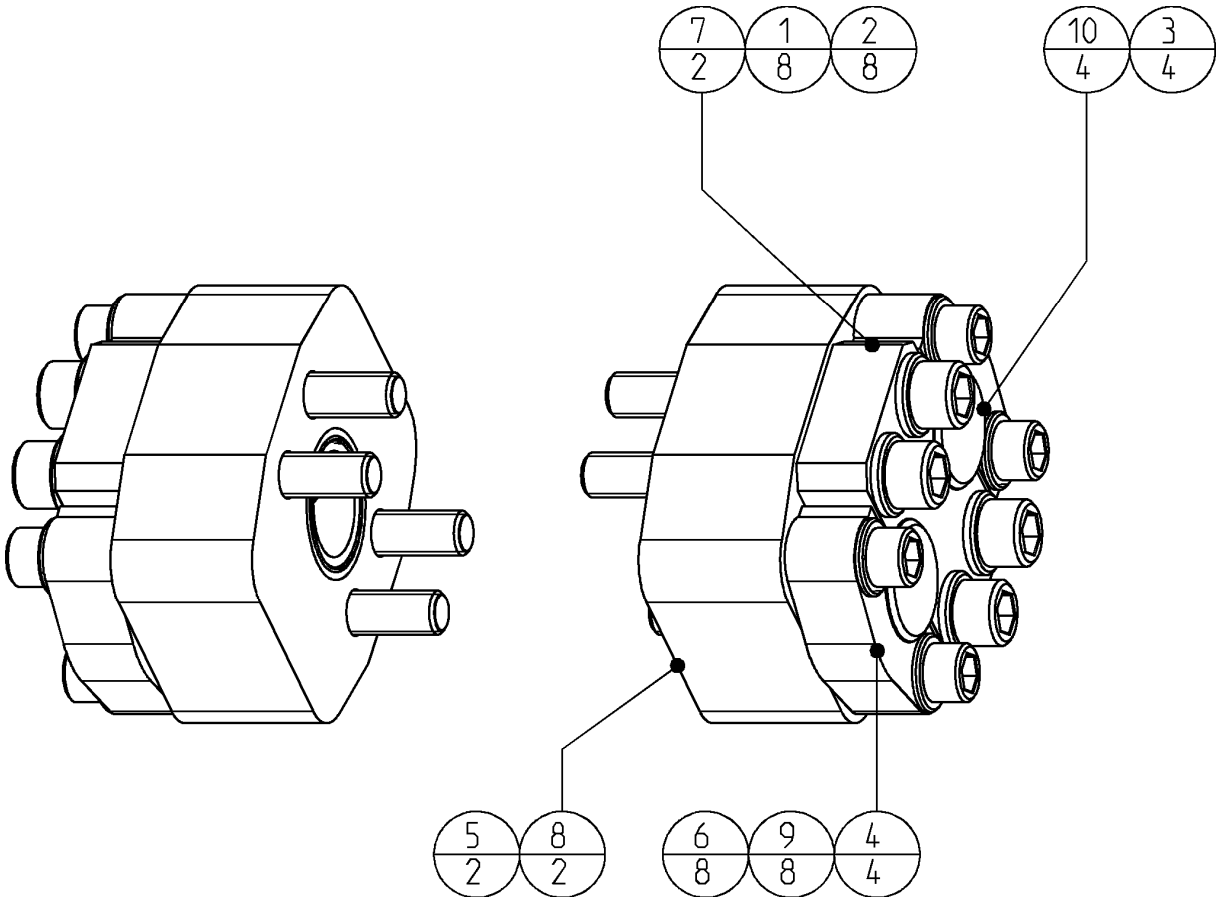
POS	PARTNUMBER	PARTNAME	QT
3	290066544	Blanking end ISO 6149	2
2	271060533	Cartridge- relief valve	2
1	501734	Baseplate	1


Sealset 504203

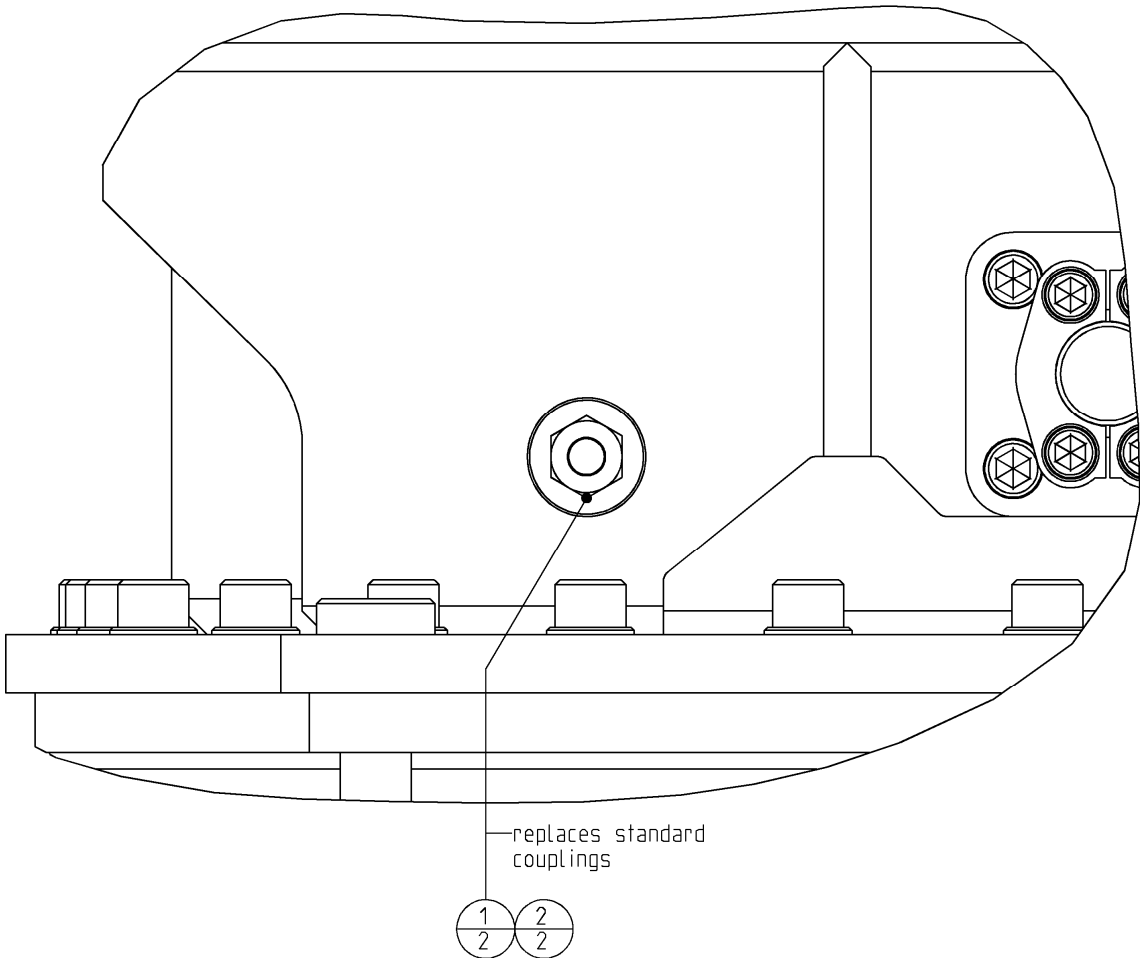

Sealset 504213



POS	PARTNUMBER	PARTNAME	QT
5	192072798	Screwdriver bit socket	1
4	508136	Toolbox GP	1
3	409981	Key	1
2	409737	Gauce ripper large DCC	1
1	404986	Key GP	1

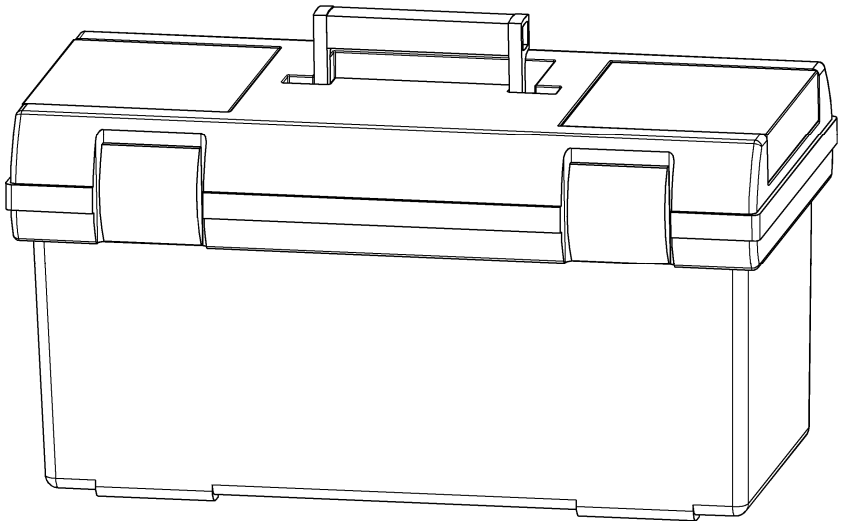


POS	PARTNUMBER	PARTNAME	QT
10	291065241	SAE stop	4
9	122000163	Washer normal	8
8	507201	Double flange 1¼" 6000 PSI	2
7	507200	SAE split flange - double	2
6	506005	Hex. socket head cap screw	8
5	504097	Seal - flange	2
4	503504	SAE split flange	4
3	500603	Seal - flange	4
2	500268	Hex. socket head cap screw	8
1	500054	Washer HV	8



POS	PARTNUMBER	PARTNAME	QT
2	503662	Blanking cap	2
1	503650	Male stud coupling	2

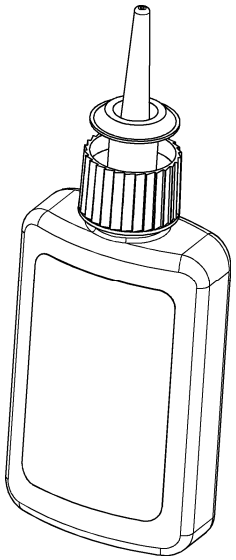
Concrete Crusher	Page	37	of	39
	Date	June 2022		
	Product type	DCC-65-C		
Toolbox	Number	508136-02		



Content of toolbox, completed with shims, partsbook and manual of the shear

				25	257013302	Kantseal 15,54 x 2,51	2
				24	121060762	Locknut M10 SEAL LOCK	2
				16	504009	O-ring 44,04x 3,53	3
				17	504017	O-ring 36,09x 3,53	2
				18	504048	O-ring 25,3 x 2,4	3
45	251065237	Back-up ring 50,0x 44,6x1,4	2	19	504047	O-ring 20,3 x 2,4	3
44	504026	Back-up ring 44,5x42,5x2,9	2	20	504046	O-ring 16,3 x 2,4	3
43	290058186	Blanking end M33x2 OR	1	21	504070	O-ring 12,37x 2,62	3
42	290058185	Blanking end M27x2 OR	1	22	504045	O-ring 12,0 x 2,0	3
41	290058184	Blanking end M22x1,5 OR	1	23	504043	O-ring 6,0 x 1,5	3
40	290066544	Blanking end M10x1,0 OR	1	15	504041	Seal 1-1/4" 38,8x45,8x2	2
39	500654	Blanking end 1" -WD	1	14	504040	Seal 1" 29,7x35,7x2	2
38	500653	Blanking end 3/4"-WD	1	13	504039	Seal 3/4" 23,9x29,2x1,5	2
37	500652	Blanking end 1/2"-WD	1	12	504036	Seal 1/4" 11,6x16,5x1,5	2
36	500651	Blanking end 3/8"-WD	1	11	504038	Seal 1/2" 18,5x23,9x1,5	2
35	500650	Blanking end 1/4"-WD	1	10	504097	Seal Flange 1-1/2”	3
34	500649	Blanking end 1/8"-WD	1	9	500603	Seal Flange 1-1/4”	3
33	502562	Bleedingscrew M10 L=58,5	2	8	500601	Seal Flange 1”	3
32	120075770	Blanking screw M8x1,0	4	7	500600	Seal Flange 3/4”	3
31	502000	Filter line built-in	2	6	189069365	Sticker "Free to tank"	2
30	506046	Glue Loctite 2701 5ml	1	5	508152	Sticker "Maintenance"	4
29	195050158	Glue TT62 pump gel	1	4	508113	Sticker "Safety"	4
28	508139	Grease cartridge	1	3	503638	Testpoint 7/16"UNF	2
27	508138	Grease pistol	1	2	500740	Testpoint G1/4"	2
26	500560	Grease-nipple, straight M10x1	10	1	508137	Toolbox 580x290x300	1
				POS	**PARTNUMBER**	**PARTNAME**	**QT**

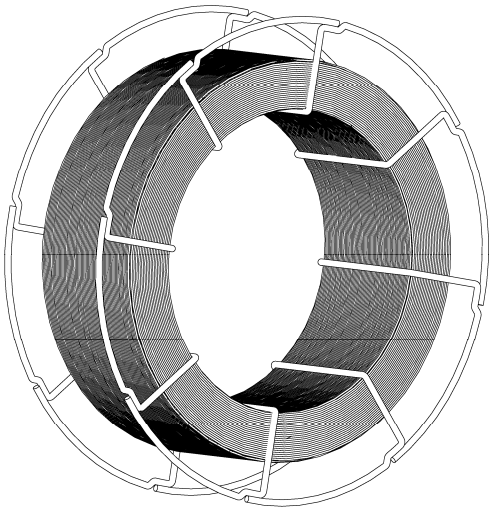
Chemical lock



195050158	Cyberbond TT62 Pumpgel	1
506018	Loctite 480 Flacon 20 gr	1
506017	Loctite 638 Flacon 50 ml	1
506016	Loctite 270 Flacon 50 ml	1
PARTNUMBER	**PARTNAME**	**QT**

MAG welding wire

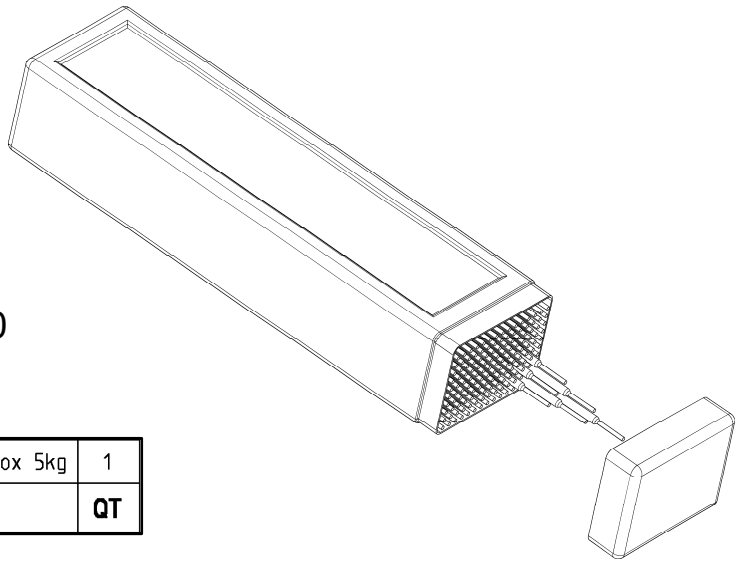
- for hard facing cutting blades
- 48-52 HRc
- Standards;
  - AWS A 5.21: no standard
  - EN ISO 14700: ~S Fe14
  - DIN: W.Nr. 1.8425
  - DIN 8555: MSG 2-GZ-500



501237	Welding wire MAG; 1.8425, coil 15kg	1
PARTNUMBER	**PARTNAME**	**QT**

Welding electrodes

- for hard facing cutting blades
- 48-52 HRc
- Standards;
  - AWS A 5.21: no standard
  - EN ISO 14700: ~S Fe14
  - DIN: W.Nr. 1.8425
  - DIN 8555: MSG 2-GZ-500



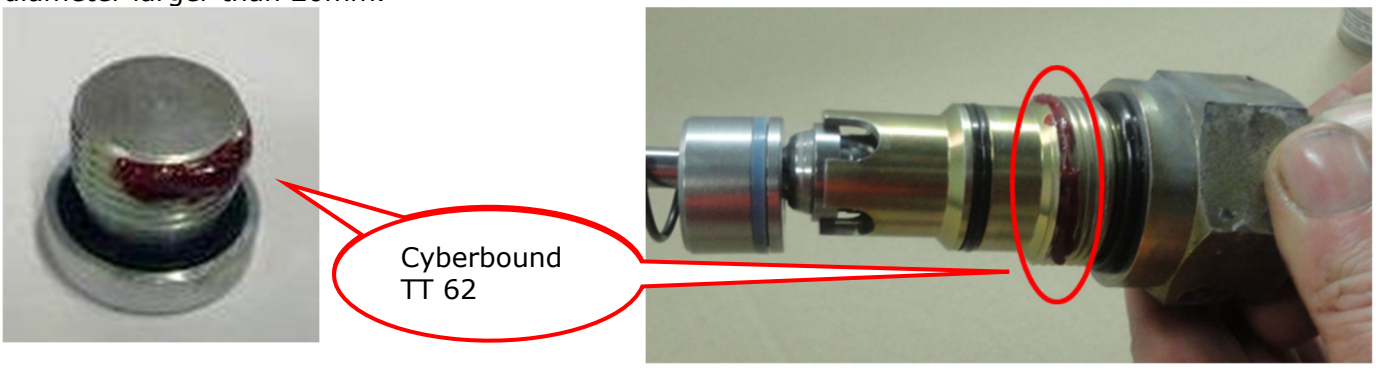
501238	Weld. electr.:1.8425, Ø 2,5mm, box 5kg	1
PARTNUMBER	**PARTNAME**	**QT**

Mounting instructions for Cyberbound TT 62

This instruction shall guarantee that all hydraulic fittings and cartridges will be mounted and glued in correctly.

Procedure:
Clean and degrease thoroughly all components with a special cleaner for anarobic adhesives (e.g. Loctite cleaner 7063) or acetone.

Apply on the outside thread only a bead of Cyberbond TT62 pump gel to approx. 2/3 of the girth of the second thread for fittings up to a diameter of 20mm or to the entire girth for fittings with a diameter larger than 20mm.



Clean from adhesive residues pressed out from the bore hole after fitting.

ATTENTION. The sealings shall be free of adhesive residues!

Tighten fittings with given fastening torques.

Standard torque values for bolts

(when not indicated)

Thread size	Torque (Nm) for quality		
	8.8	**10.9**	**12.9**
M8	22,5	32,4	38,7
M10	45,0	63,0	75,6
M12	77,4	109,0	131,0
M16	194,0	270,0	324,0
M20	369,0	522,0	630,0
M24	639,0	900,0	1080,0
M27	945,0	1305,0	1575,0
M30	1260,0	1800,0	2160,0

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