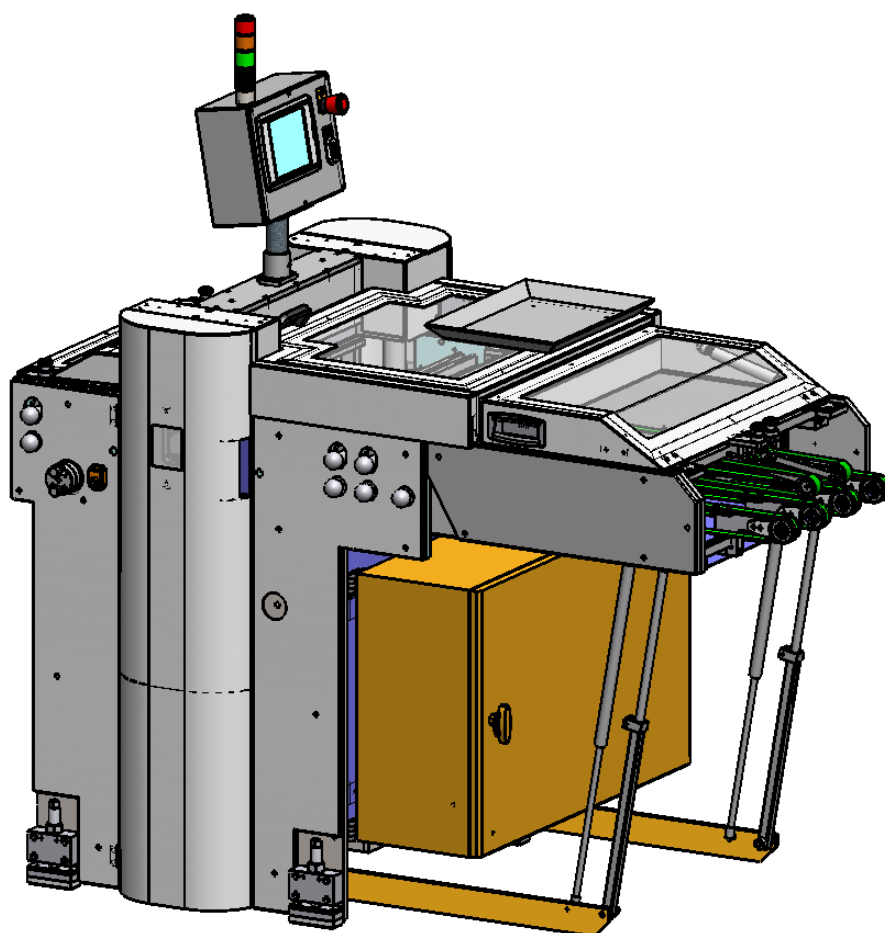




BOCHSLER GRAFISCHE MASCHINEN

Replacement part catalogue



Punch machine

BS Multi 450 Servo / Servo plus

Ersatzteil / Spare part / Pièce de rechange**Bestellung / Order / Commande**

Datum / Date / Date

Bestell-Nr. / Order-No. / No. de commande

Kunde / Customer / Client

FAX-Bestellung / FAX Order / Commande par TELECOPIE

Von: / From: / Expéditeur

Firma / Company / Sté

Strasse / Street / Adresse

Ort / Place / Localité

Kontaktperson / Contact / Interlocuteur

Typschild: / Type plate: / Plaque signalétique

Maschinentype

Machine type

Type de la machine

Maschinen Nr.

Serial number

Numéro de la machine

Bestellung: / Order: / Commande:

Anzahl Quantity Quantité	Artikel-Nr Part-No. Pièce-No	Bezeichnung Description Désignation

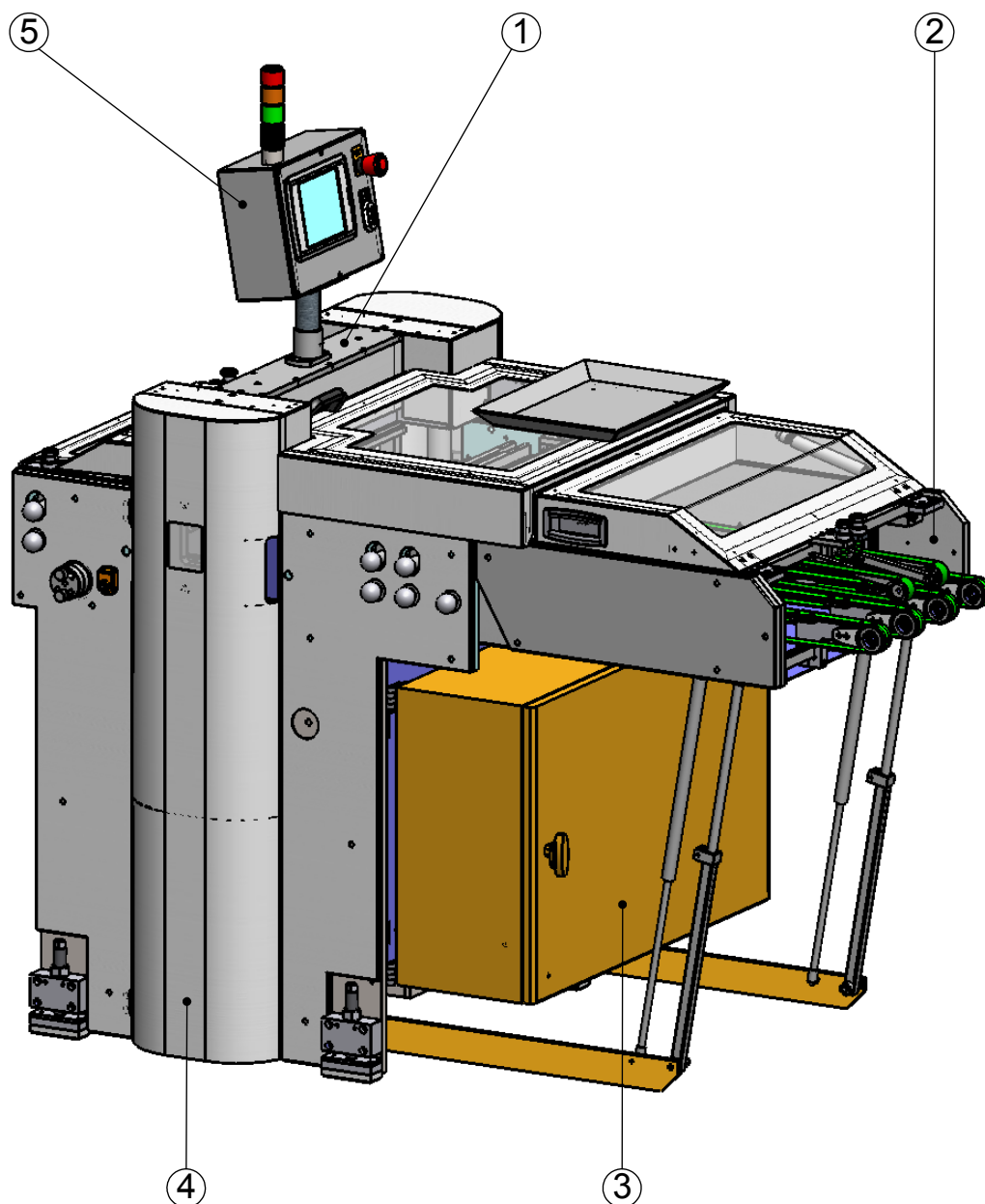
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Kundenadresse / Customer address / adresse du client

B011654
Display + Holder

B050010
Main machine

B020706
Swivel inflow



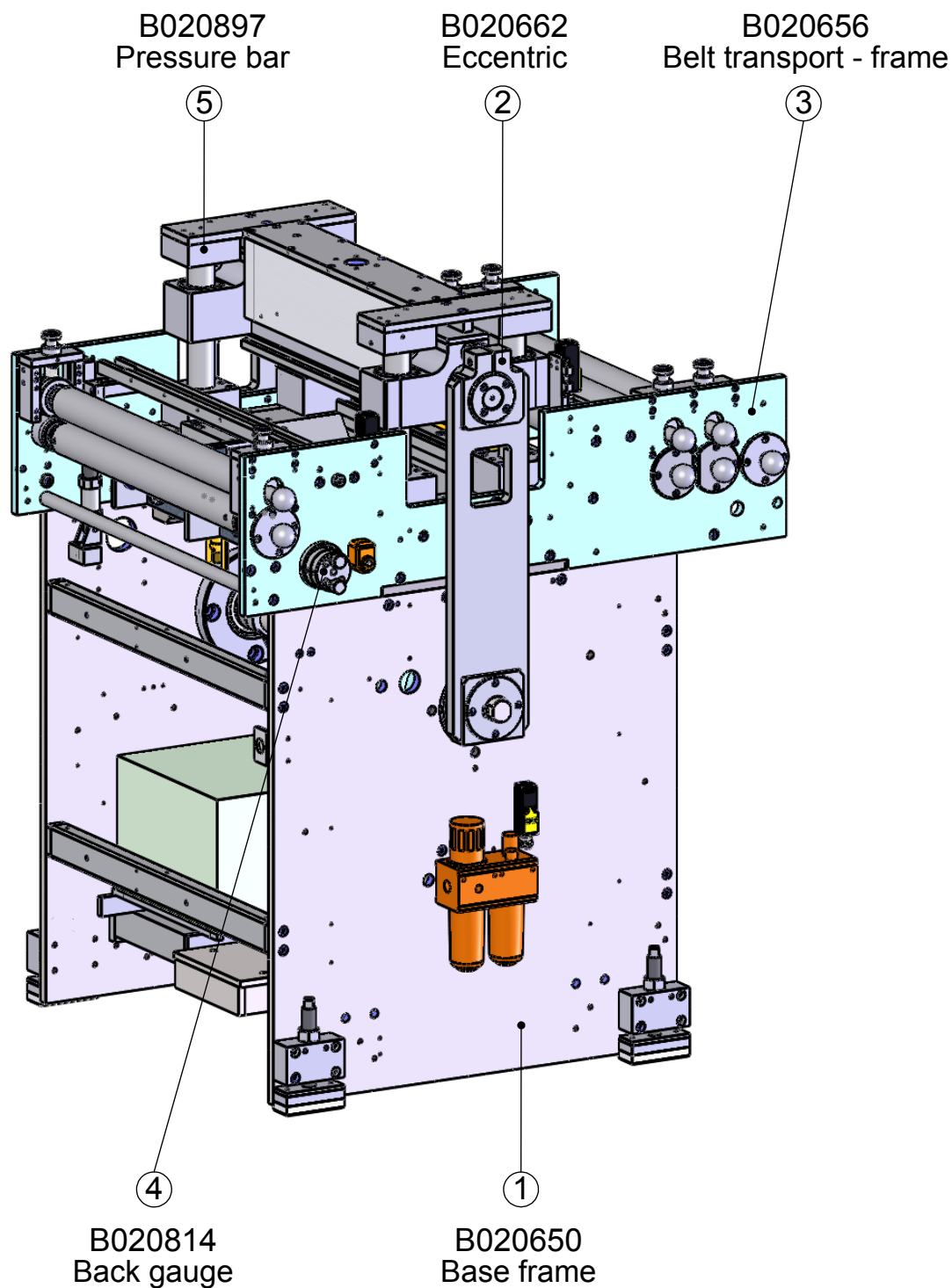
B021111
Hoods and coverings

B050001
Switch cabinet complete

Pos.	Pcs.	Order number	Description	Cat.
1	1	B050010	Main machine	S. 4
2	1	B020706	Swivel inflow	S. 25
3	1	B050001	Switch cabinet complete	S. 31
4	1	B021111	Hoods and coverings	S. 32
5	1	B011654	Display + Holder	S. 40

Punch machine

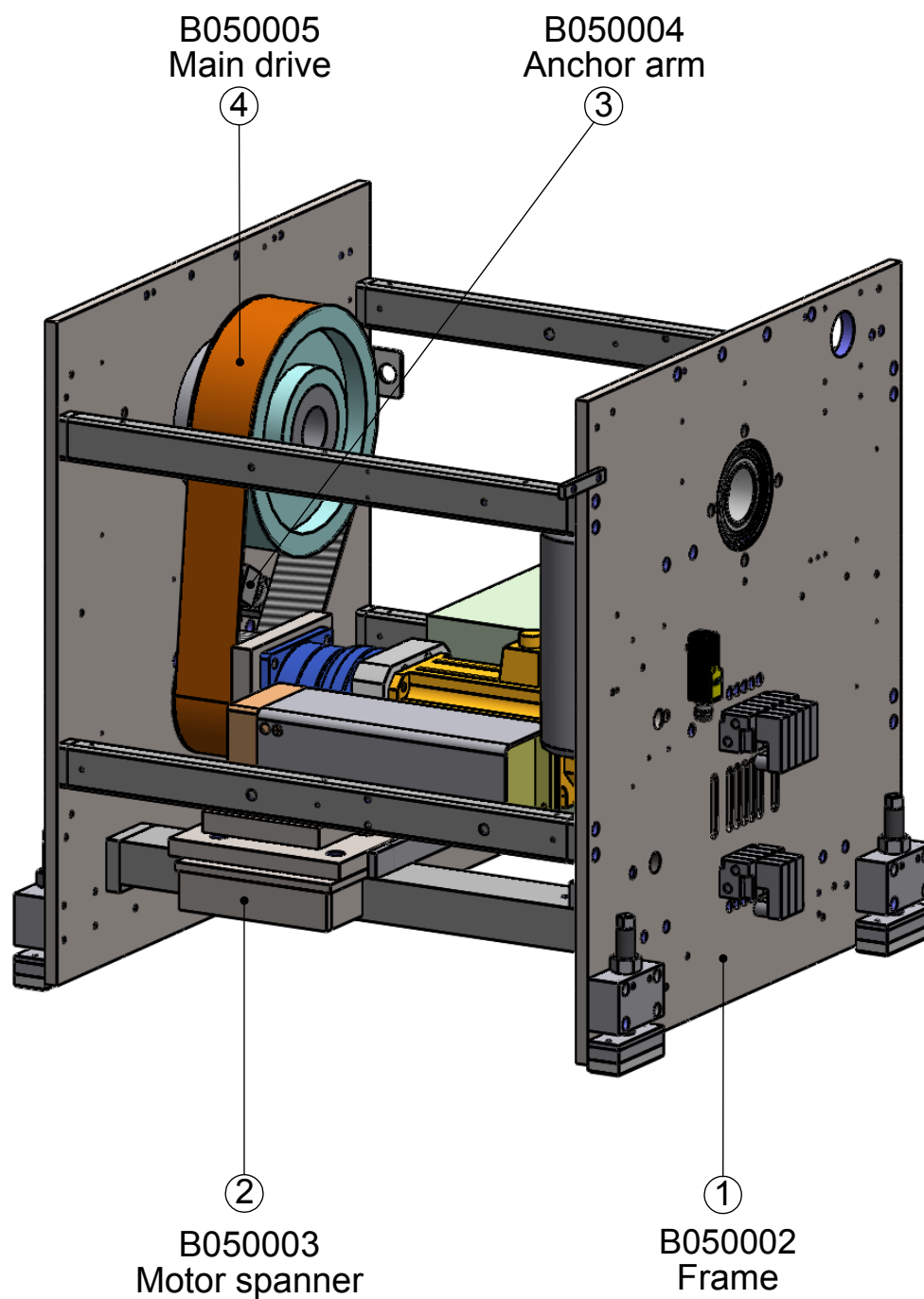
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	B020650	Base frame	S. 5
2	1	B020662	Eccentric	S. 10
3	1	B020656	Belt transport - frame	S. 11
4	1	B020814	Back gauge	S. 23
5	1	B020897	Pressure bar	S. 24

Main machine

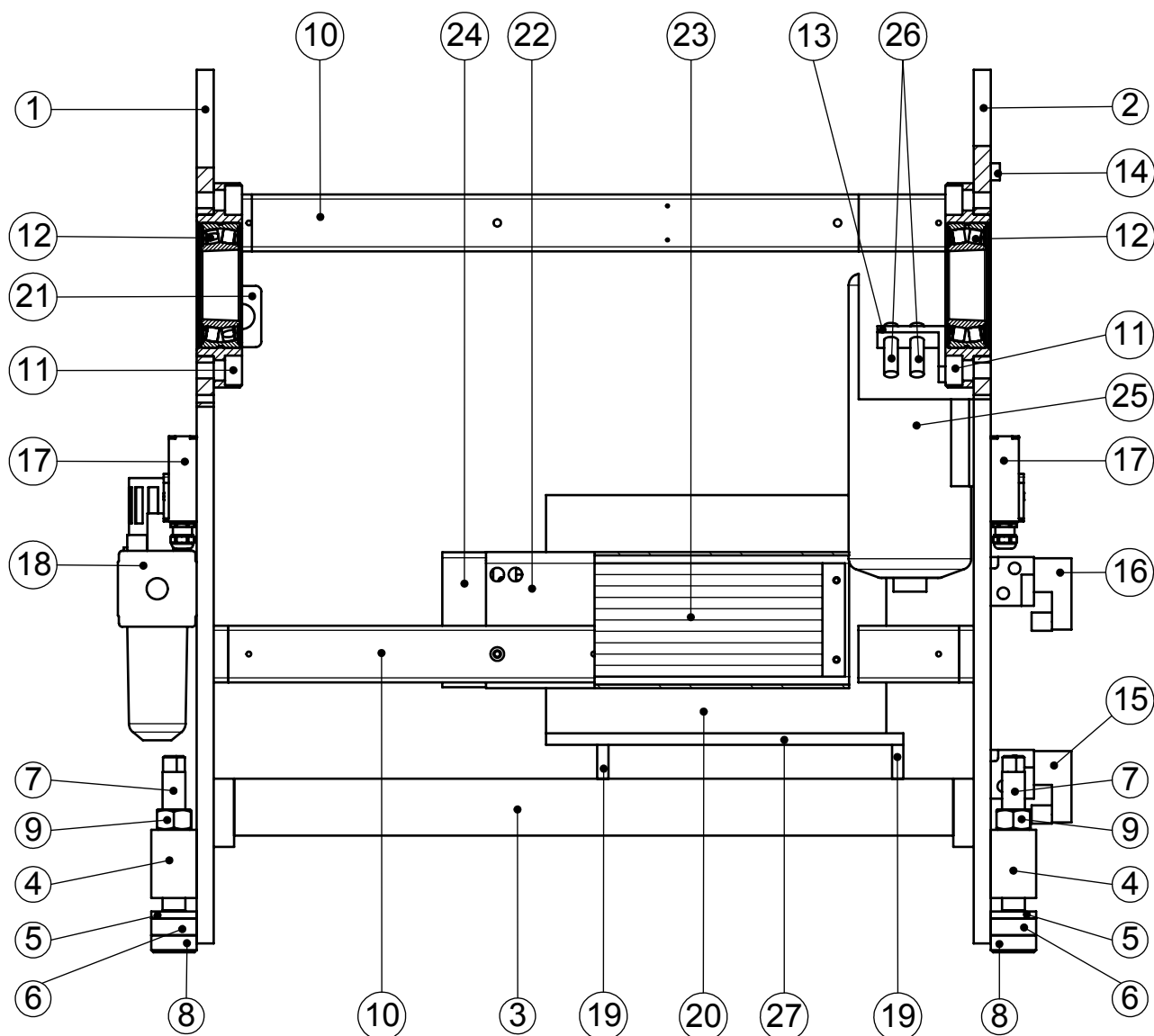
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	B050002	Frame	S. 6
2	1	B050003	Motor spanner	S. 7
3	1	B050004	Anchor arm	S. 8
4	1	B050005	Main drive	S. 9

Base frame

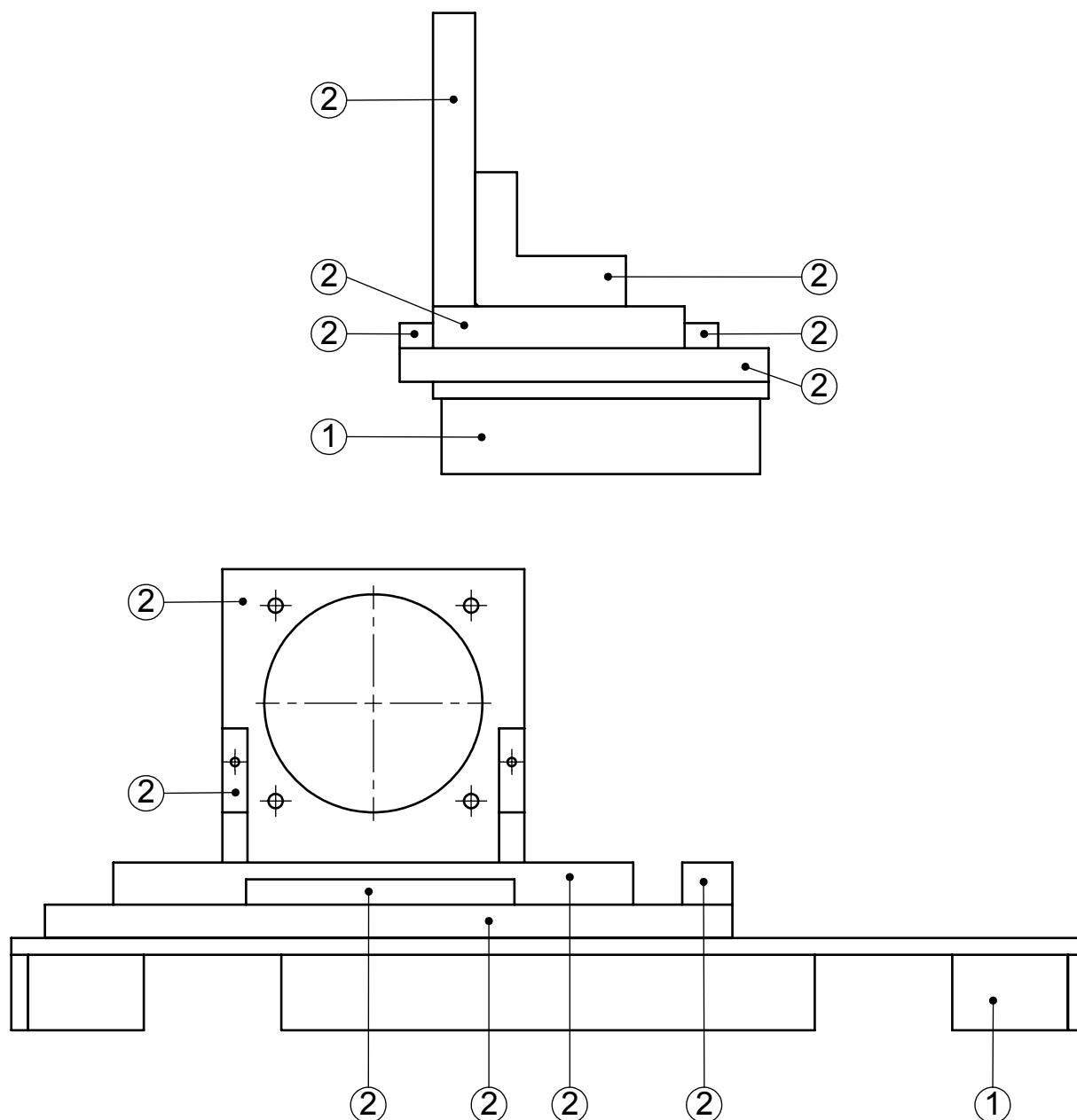
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.	Pos.	Pcs.	Order number	Description	Cat.
1	1	E020624	Side part, front	C	15	1	A040879	3 part valve battery with cable	A
2	1	E020625	Side part, behind	C	16	1	A040803	5 part valve battery with cable	A
3	2	E020646	Traverse	C	17	2	A012049	Safety switch	C
4	4	E000975	Adjustable feet	C	18	1	A040901	Air service unit	A
5	4	E000976	Fixing plate	C	19	2	E000509	Trafo holder	C
6	4	E000977	Receiving plate	C	20	1	A040902	E-cabinet trafo	C
7	4	E000978	Adjusting spindle	C	21	1	E012025	Pneumatic connector holder	C
8	4	E000979	Cushioning sub-layer	C	22	1	E010133	Venting channel	C
9	4	A000981	Nut M20	C	23	1	A040903	Brakes resistance	C
10	4	E020647	Traverse	C	24	1	A040904	Ventilator	C
11	2	E020861	Bearing flange	C	25	1	A022130	Pressure air tank	C
12	2	A020736	Pendular roller bearings	C	26	2	E040480	Cylindrical proximity sensor	C
13	1	E020740	Holder f. initiator	C	27	2	E000510	Trafo holder	C
14	1	E020962	Stop rail Switch cabinete	C					

Frame

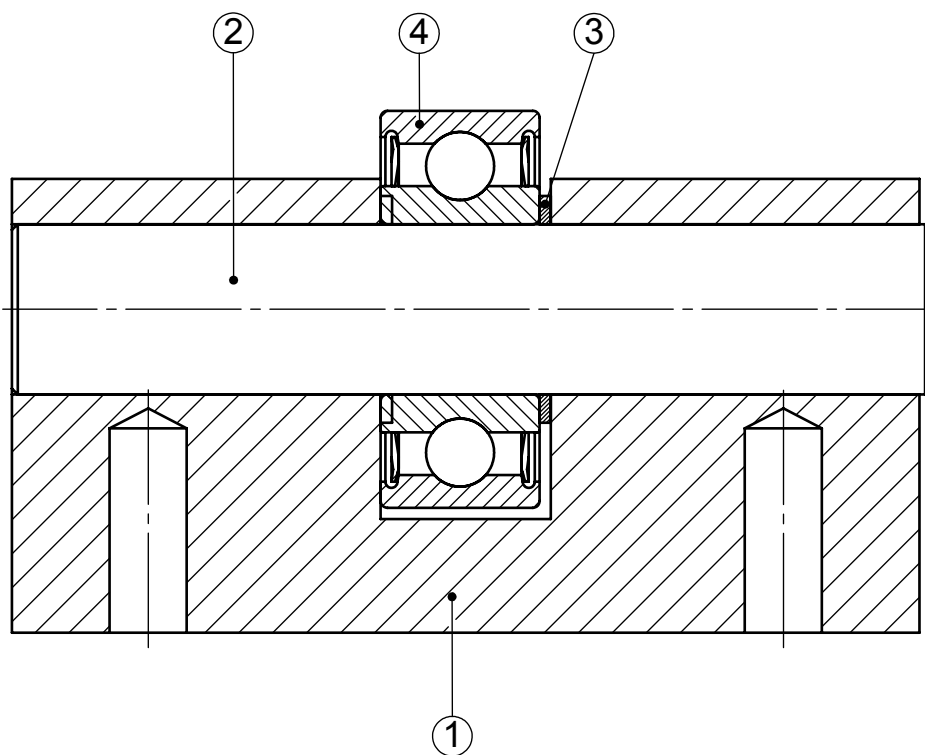
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	E020628	Motor plating	C
2	1	E020743	Pressure strip	C
3	1	E020742	Fixing plate	C
4	1	E020741	Base plate	C
5	2	E020744	Guide rail	C
6	2	E020746	Support	C
7	1	E020745	Motor mount	C

Motor spanner

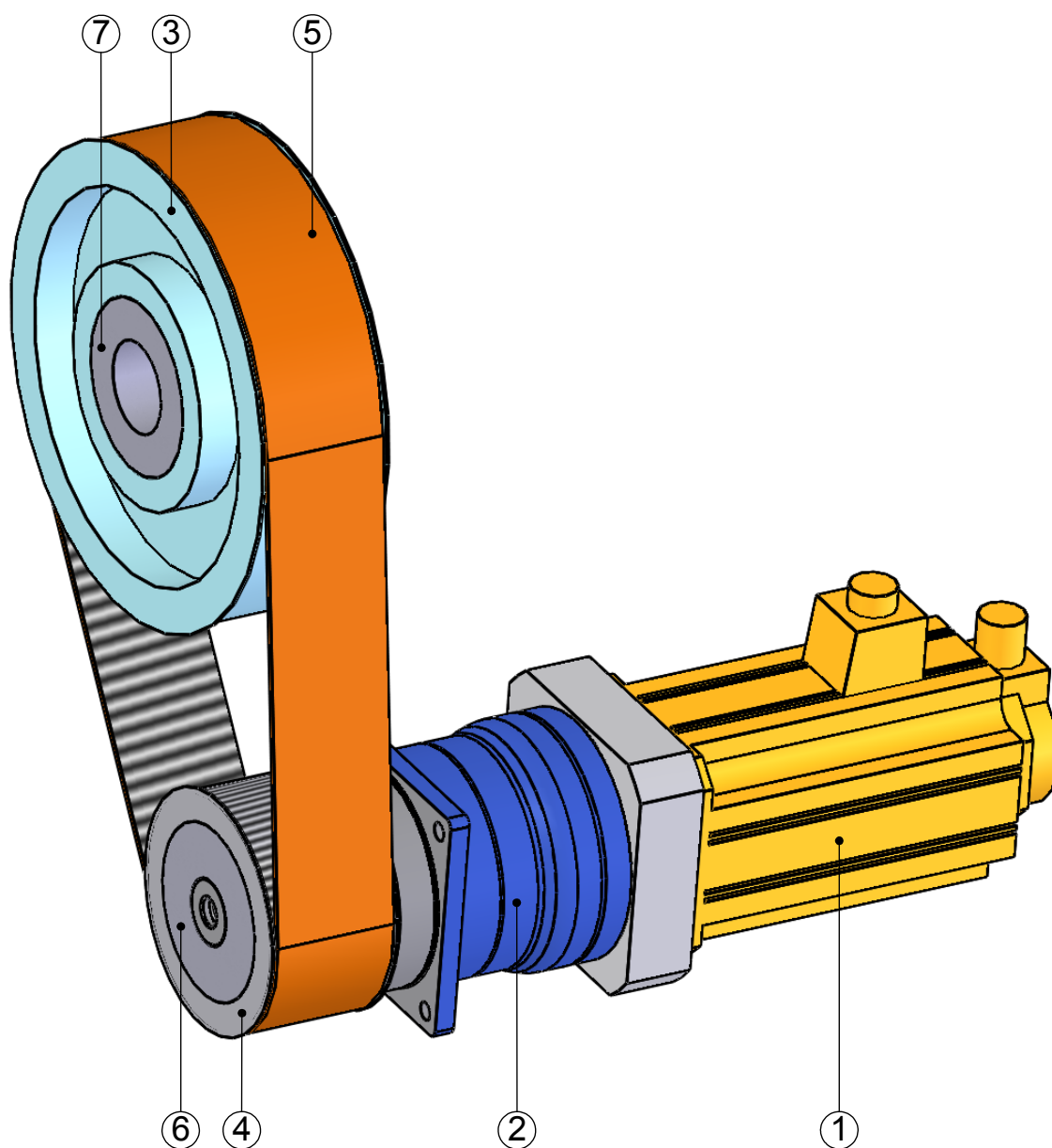
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	E020626	Roller block	C
2	1	E020627	Axle	C
3	2	A020733	Adjusting washer 15x20x1	C
4	1	A020734	Corrugating ball bear. 15x35x14	C

Anchor arm

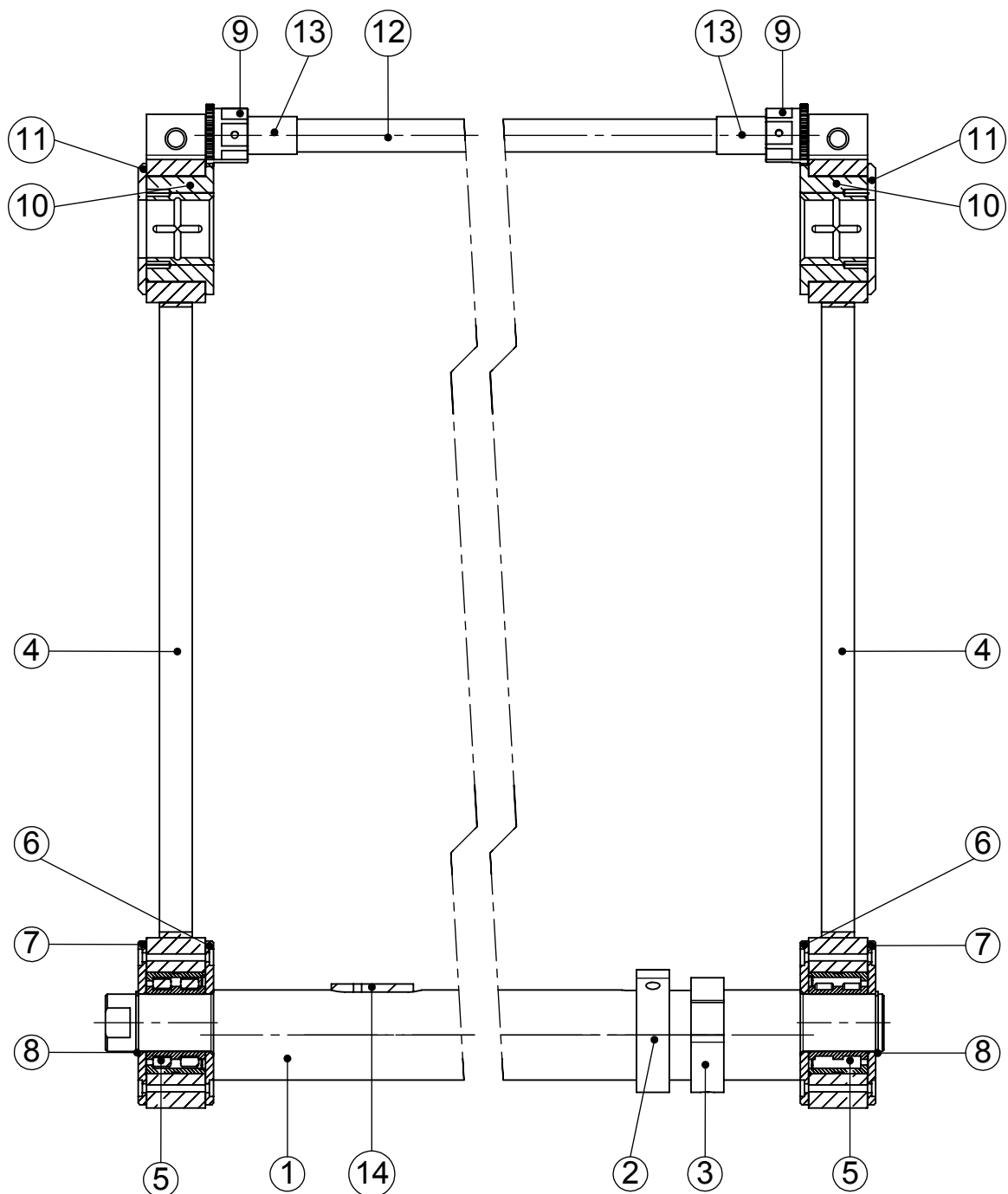
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	A020739	Servo motor	C
2	1	A020757	Gear	C
3	1	A010746	Toothed wheel	C
4	1	A020758	Toothed washer	C
5	1	A020784	Toothed belt	C
6	1	E040898	Taperlock-tensioning socket	C
7	1	E040897	Taperlock-tensioning socket	C

Main drive

BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.	Pos.	Pcs.	Order number	Description	Cat.
1	1	E020663	Eccentric shaft	C	8	2	A020556	Fusering DIN471 Ø35	C
2	1	E020664	Switch cams	C	9	2	A020866	Adjusting pinion	C
3	1	E020665	Switch cams	C	10	2	E020670	Eccentric adjustable lining	C
4	2	E020666	Pull rod	C	11	2	E020671	Eccentric cover disc	C
5	2	A020667	Cylinder roller bear. 35x62x36	C	12	1	E020659	Regulating shaft	C
6	2	E020668	Cover disc, inner	C	13	2	A020988	Composite sleeves 20x23x30	C
7	2	E020669	Cover disc, outer	C	14	1	A040906	Insert feather key 16x50	C

Eccentric

BS Multi 450 Servo / Servo plus

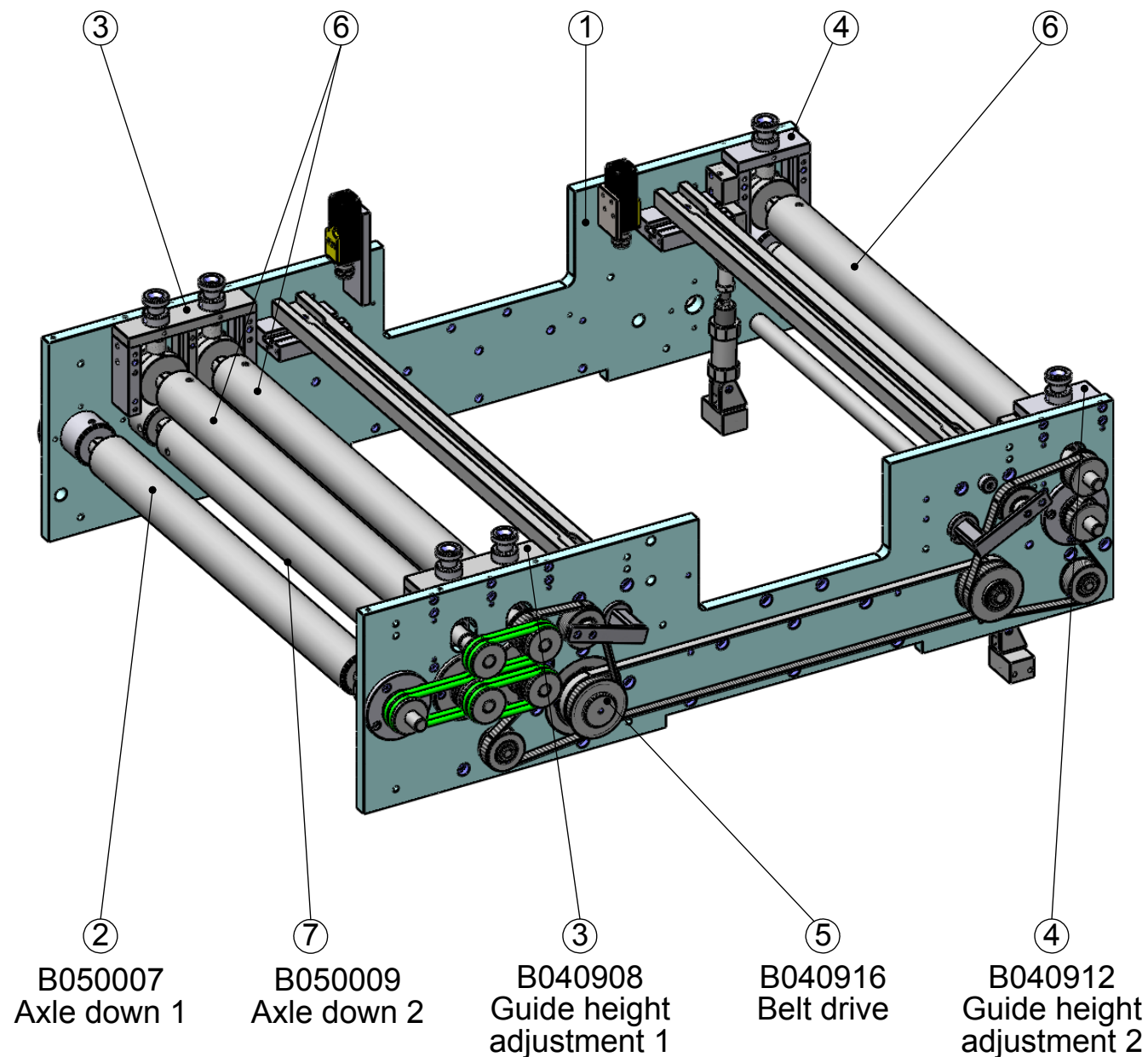
B040908
Guide height
adjustment 1

B050008
Axle above

B050006
Upper frame

B040912
Guide height
adjustment 2

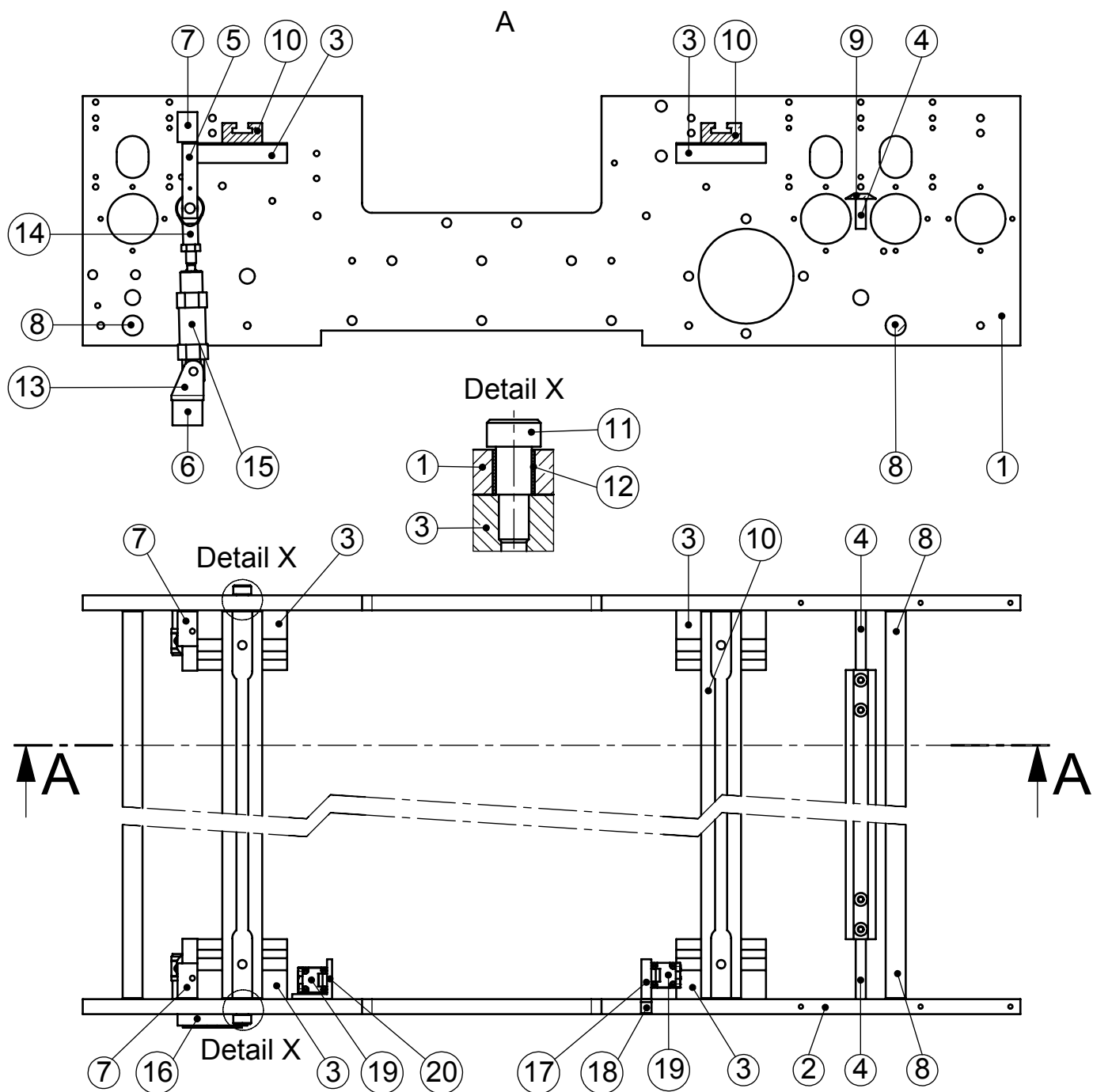
B050008
Axle above



Pos.	Pcs.	Order number	Description	Cat.
1	1	B050006	Upper frame	S. 12
2	2	B050007	Axle down 1	S. 13
3	2	B040908	Guide height adjustment 1	S. 14
4	2	B040912	Guide height adjustment 2	S. 15
5	1	B040916	Belt drive	S. 16
6	3	B050008	Axle above	S. 21
7	2	B050009	Axle down 2	S. 22

Belt transport - frame

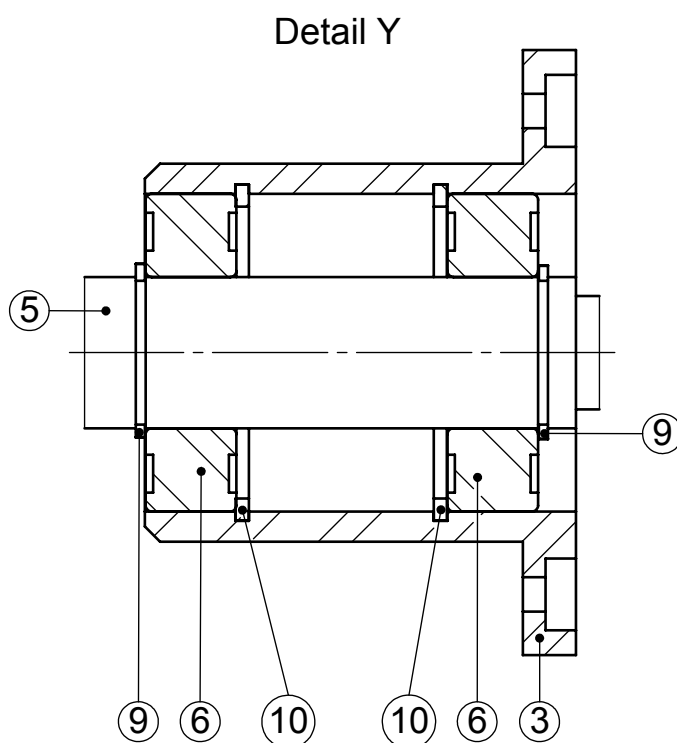
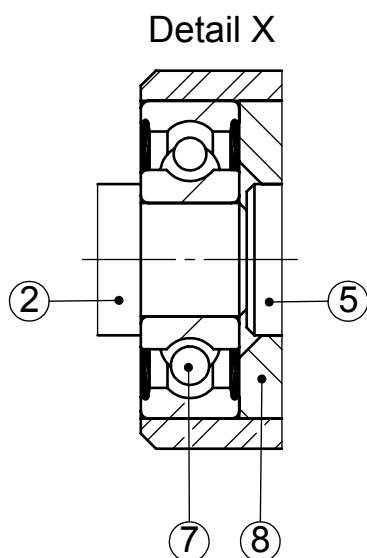
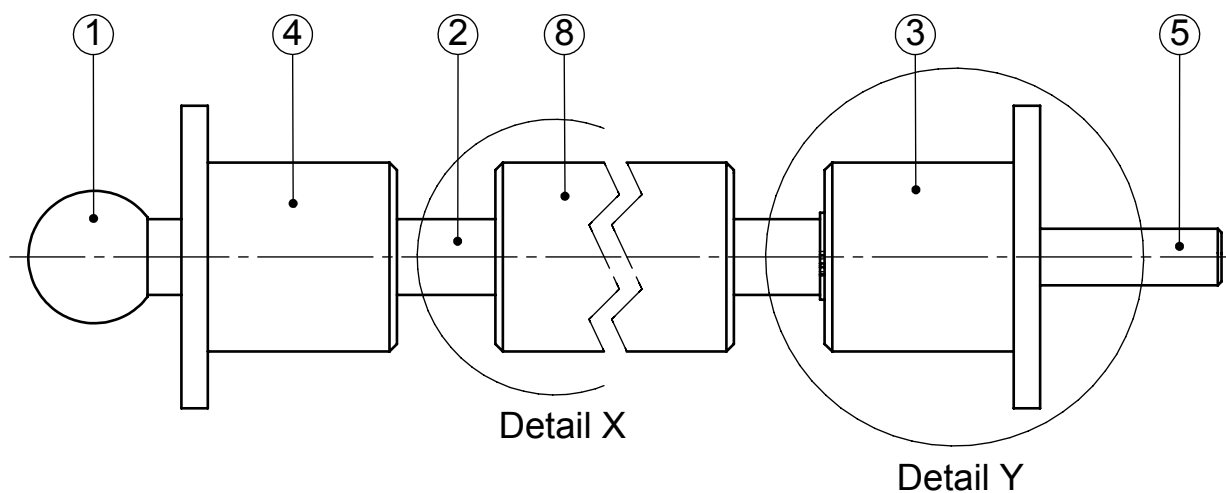
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.	Pos.	Pcs.	Order number	Description	Cat.
1	1	E010086	Side part - right	C	11	2	A001359	Adjusting shoulder screw M10/12	C
2	1	E020862	Side part - left	C	12	2	E020699	Sliding bushes 12x14x15	C
3	4	E10055	Mount	C	13	2	A020700	Conter bearing	C
4	2	E020682	Mounting tabs	C	14	2	A020702	Link head bearing	C
5	2	E020684	Link head bearing	C	15	2	A020703	Cylinder	C
6	2	E020685	Holder for counter bearing	C	16	1	E011981	Pressure ring	C
7	2	E020686	Limiting stop	C	17	1	E010092	Contact element holder	C
8	2	E020688	Traverse	C	18	1	A002431	Grid mother piece	C
9	1	E020692	Slide rail	C	19	2	A012049	Safety switch	C
10	2	E020697	Guide rails	C	20	1	E002491	Angle holder	C

Upper frame

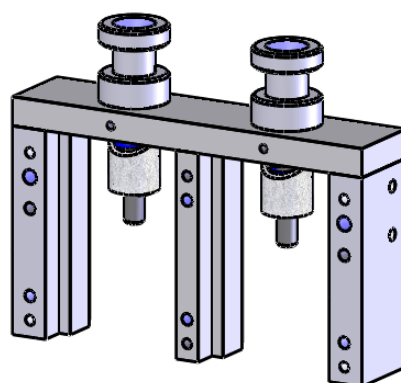
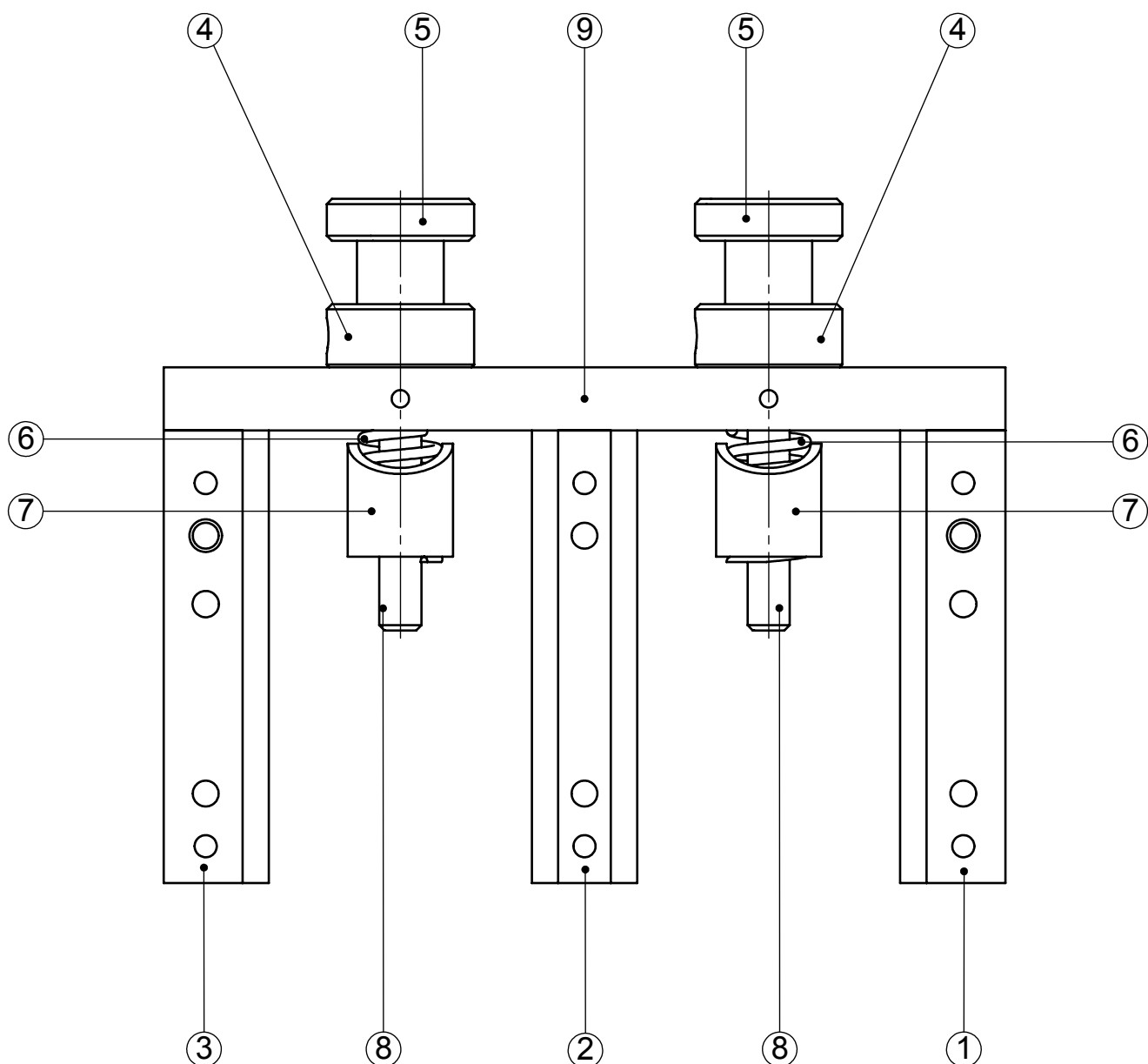
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	A020675	Ball nob M10/Ø35	A
2	1	E020674	Locking pin	C
3	1	E001056	Bearing hub	C
4	1	E001057	Socket pins bearing	C
5	1	E020690	Belt roll spindle, down	C
6	2	A002039	Corrugating ball bear 20x42x12	A
7	1	A020695	Corrugating ball bear 15x42x13	A
8	1	E020689	Belt roll	C
9	2	A002647	Fusering DIN471 Ø20	C
10	2	A021537	Fusering DIN472 Ø42	C

Axle down 1

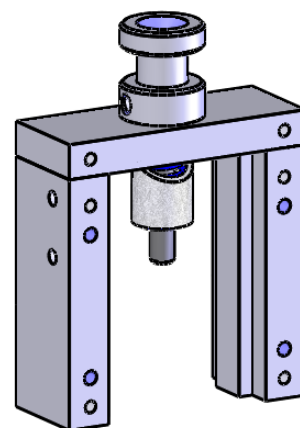
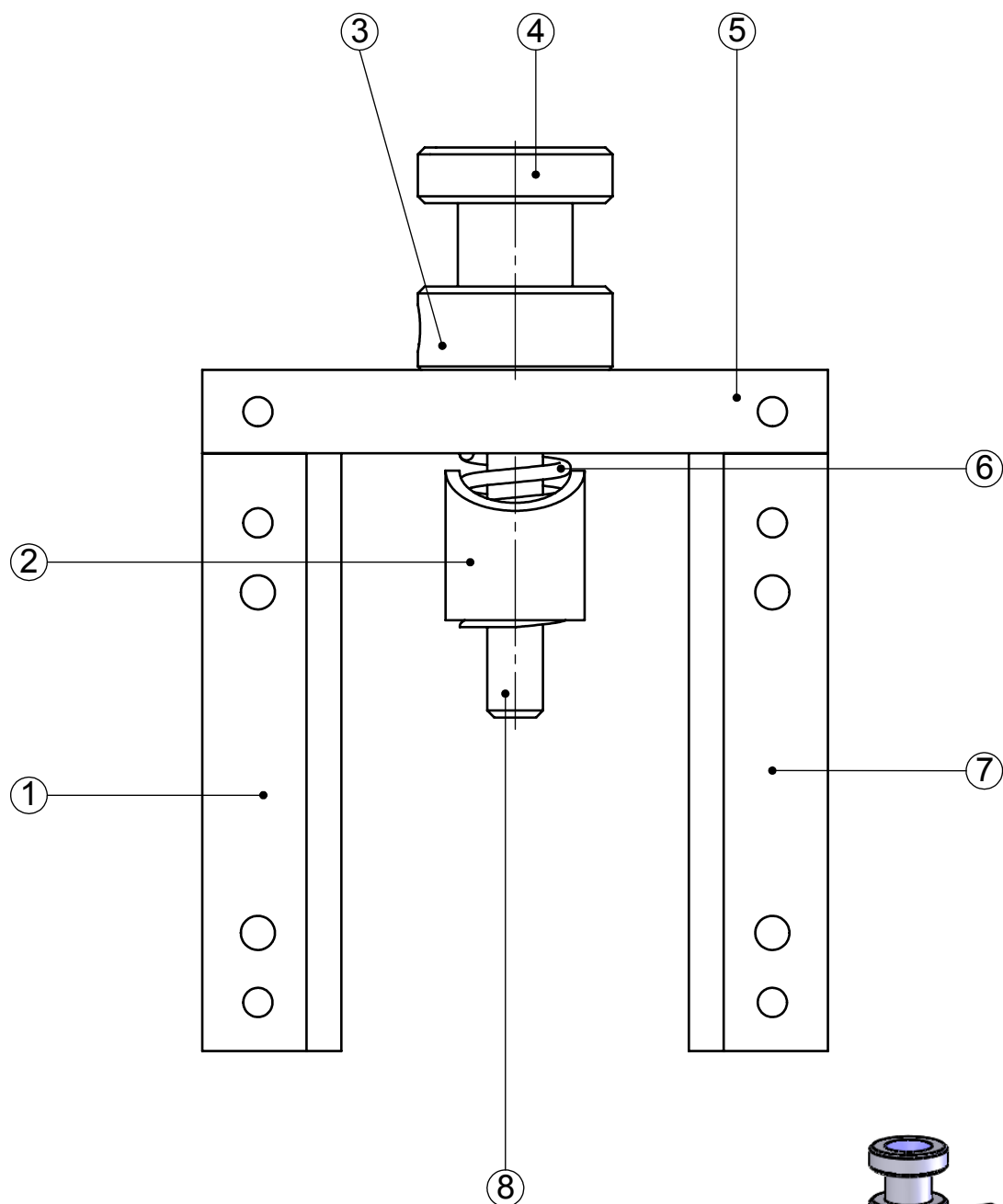
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.
1	1	E001123	Slide rail right	C
2	1	E020678	Slide rail middle	C
3	1	E001122	Slide rail left	C
4	2	A001284	Grid ring	C
5	2	E020069	Knurled head screw	C
6	2	A020696	Compression spring Ø16x25	C
7	2	E000758	Stop	C
8	2	E020681	Adjusting spindle M8	C
9	1	E020679	Covering inflow	C

Guide height adjustment 1

BS Multi 450 Servo / Servo plus

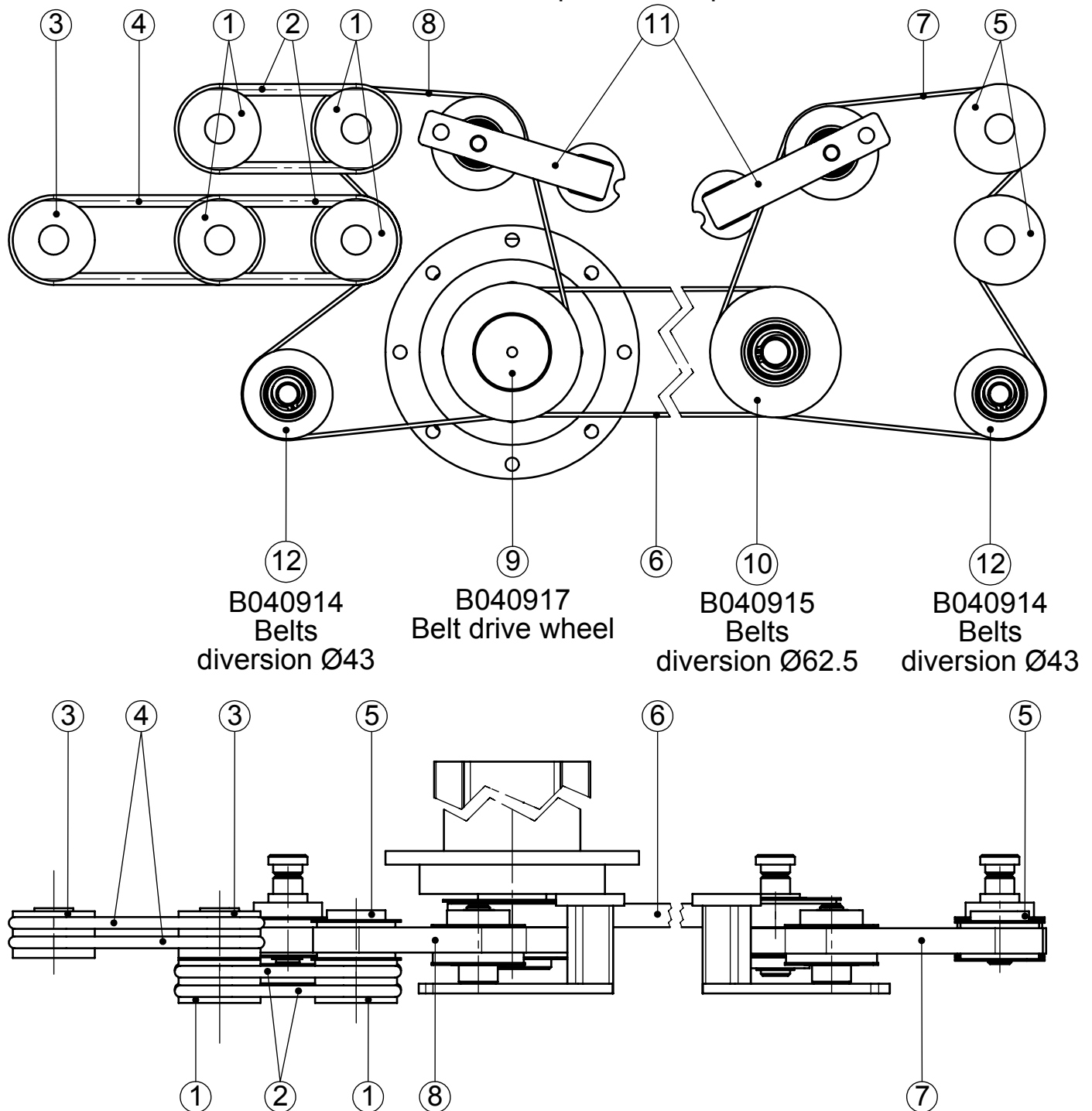


Pos.	Pcs.	Order number	Description	Cat.
1	1	E001123	Slide ring right	C
2	1	E000758	Stop	C
3	1	A001284	Grid ring	C
4	1	E020069	Knurled head screw	C
5	1	E020863	Covering-outflow	C
6	1	A020696	Compression spring Ø16x25	C
7	1	E001122	Slide ring left	C
8	1	E020681	Adjusting spindle M8	C

Guide height adjustment 2

BS Multi 450 Servo / Servo plus

B040743 Spanner complete



B040914
Belts
diversion Ø43

B040917
Belt drive wheel

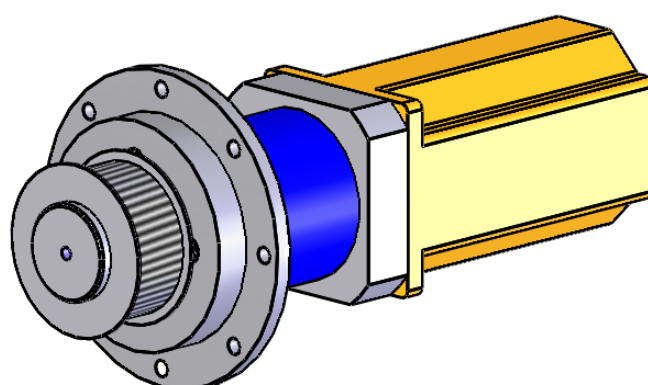
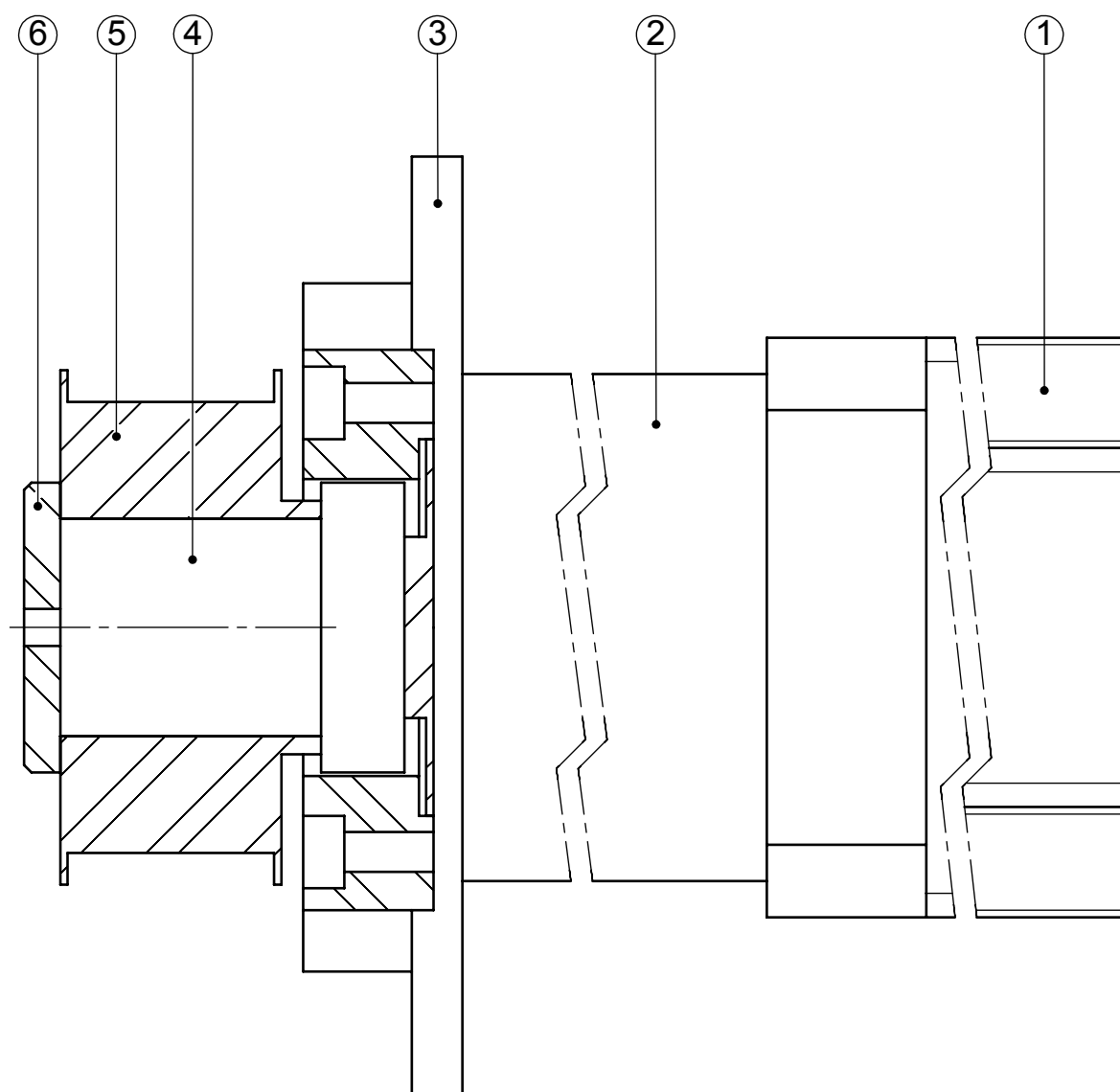
B040915
Belts
diversion Ø62.5

B040914
Belts
diversion Ø43

Pos	Pcs.	Order number	Description	Cat.	Pos	Pcs.	Order number	Description	Cat.
1	4	E020762	Belt pulley	C	7	1	A020781	Double toothed belt	A
2	4	A020763	Round belt Ø6x240	A	8	1	A020782	Double toothed belt	A
3	2	E020765	Belt pulley	C	9	1	B040917	Belt drive wheel	S. 17
4	2	A020764	Round belt Ø6x270	A	10	1	B040915	Belt diversion Ø62.5	S. 18
5	4	E020772	Belt pulley	C	11	2	B040743	Spanner complete	S. 19
6	1	E020774	Belts middle	A	12	2	B040914	Belts diversion Ø43	S. 20

Belt drive

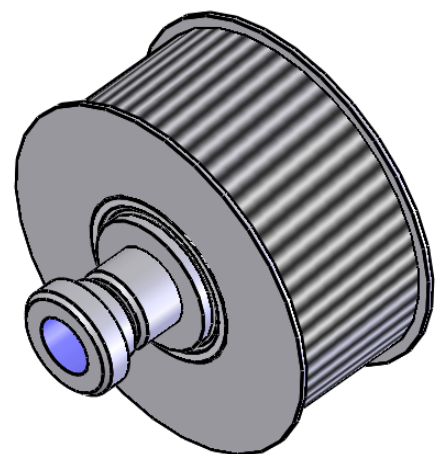
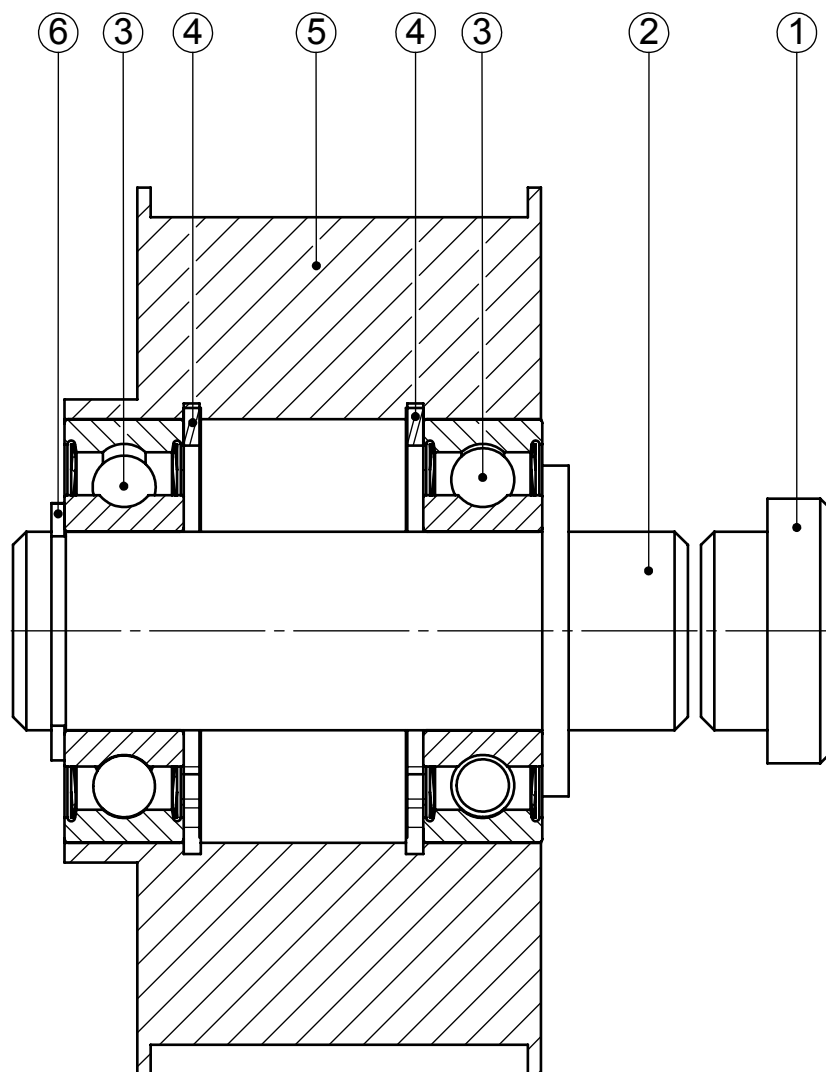
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.
1	1	A021049	Servo motor 750W	C
2	1	A021051	Gear for 750W	C
3	1	E000215	Intermediate flange	C
4	1	E020704	Motor hub	C
5	1	E020766	Motor disc	C
6	1	E020767	Clamping discs	C

Belt drive wheel

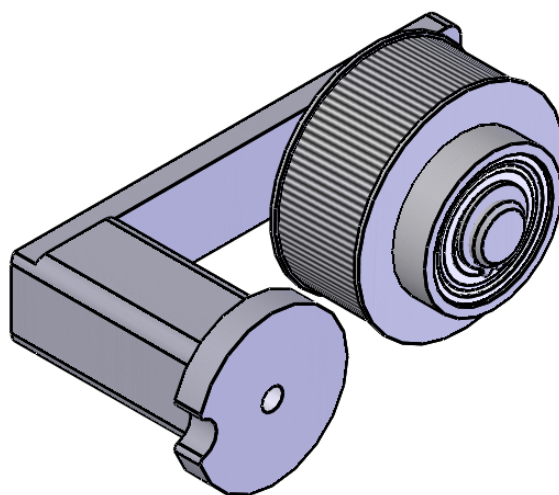
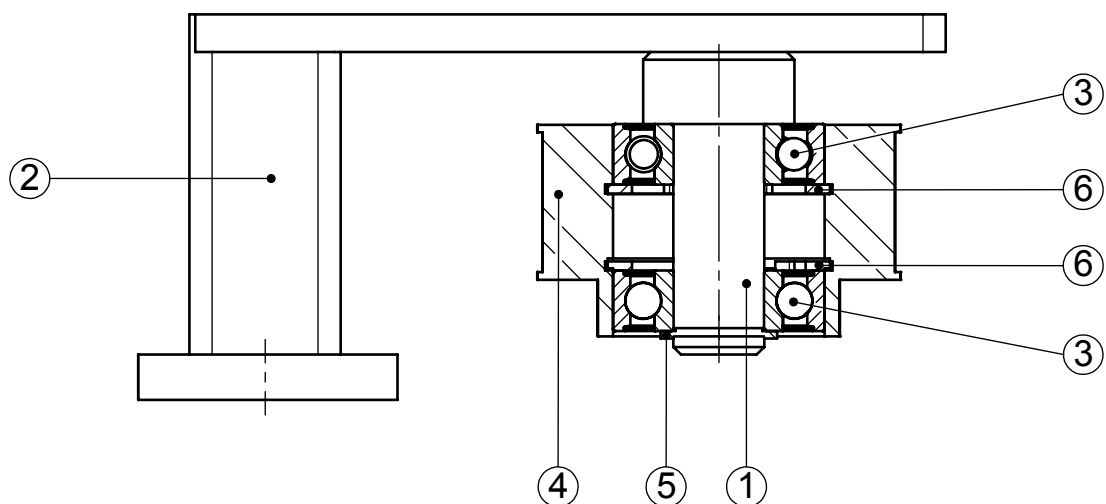
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	E020780	Clamping hub	C
2	1	E020769	Axle bolt	C
3	2	A020770	Corrugating ball baer. 15x32x9	C
4	2	A002584	Fusering DIN472 Ø32	C
5	1	E020768	Deflection discs	C
6	1	A020574	Fusering DIN471 Ø15	C

Belts diversion Ø62.5

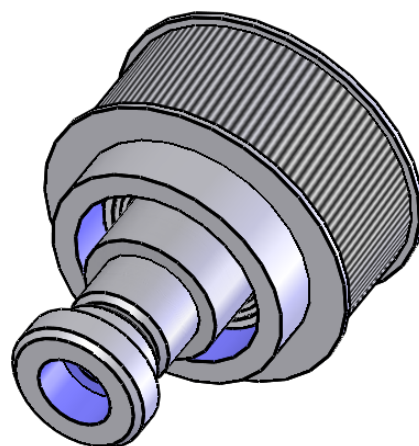
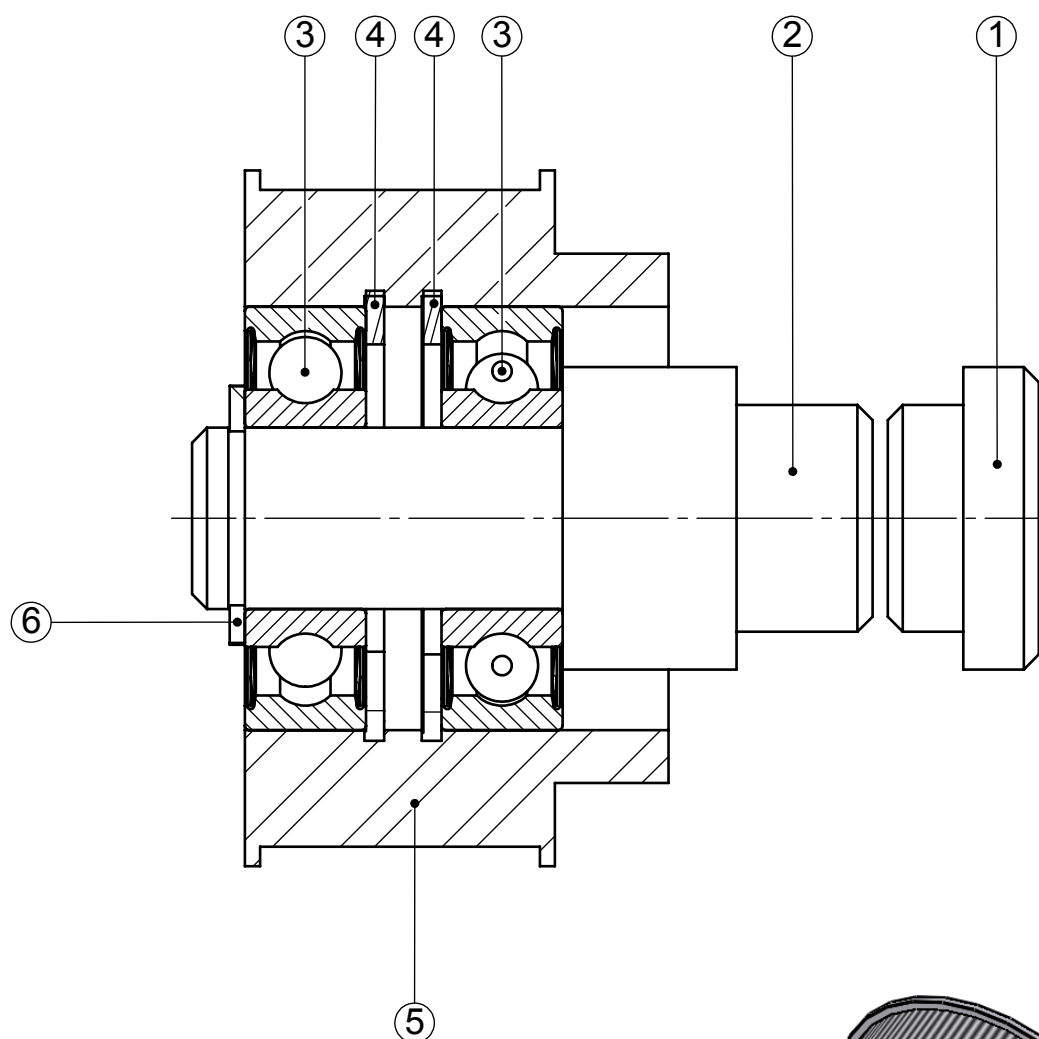
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	E020462	Clamping bolts	C
2	1	A000673	Rosta spanner	A
3	2	A020896	Corrugating ball bear. 12x28x8	C
4	1	A020577	Clamping panel	C
5	1	A020479	Fusing DIN471 Ø12	C
6	2	A020578	Fusing DIN472 Ø28	C

Spanner complete

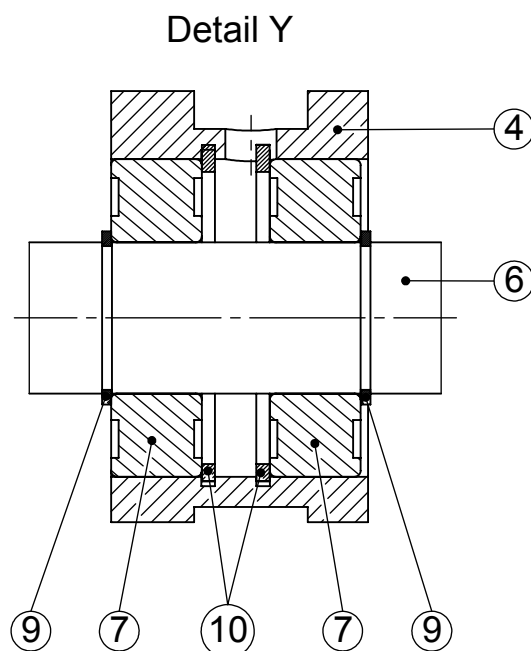
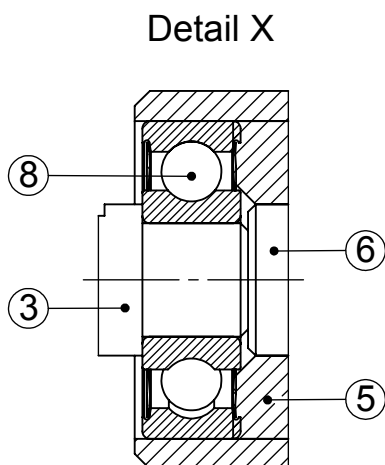
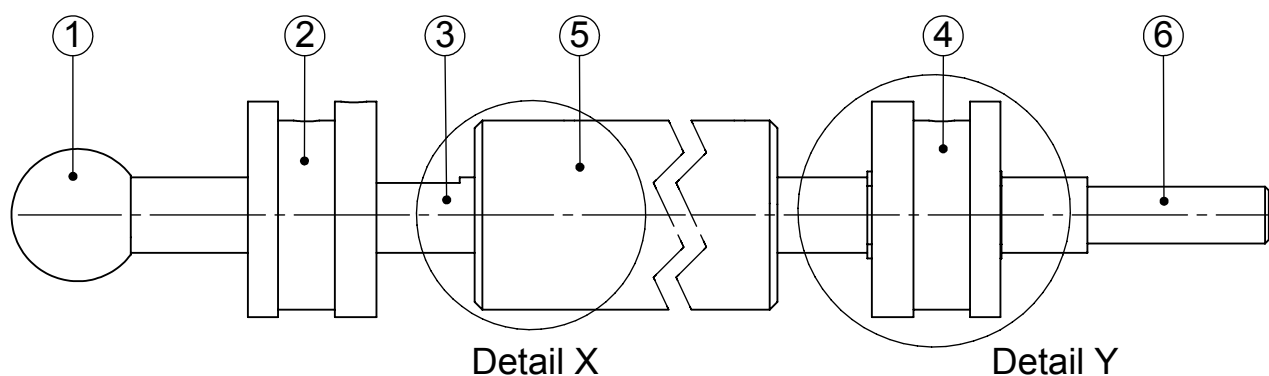
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	E020780	Clamping hub	C
2	1	E020460	Binding bolts	C
3	2	A020896	Corrugating ball bear. 12x28x8	C
4	2	A020578	Fusering DIN472 Ø28	C
5	1	E020777	Binding bolts	C
6	1	A020479	Fusering DIN471 Ø12	C

Belts diversion Ø43

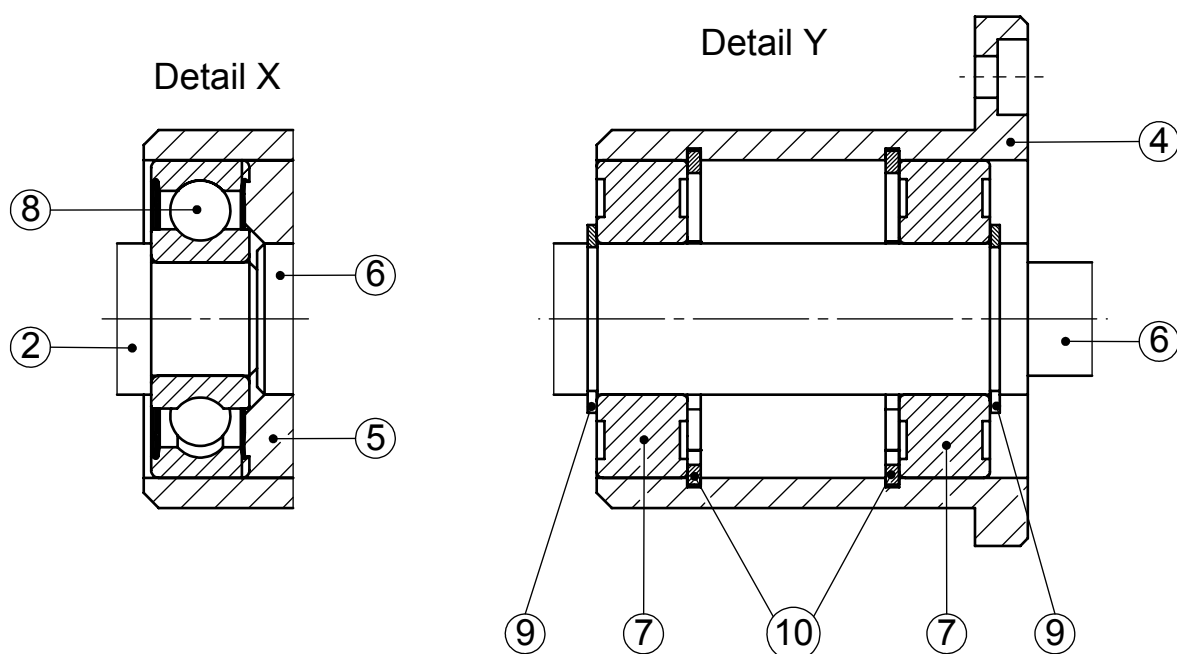
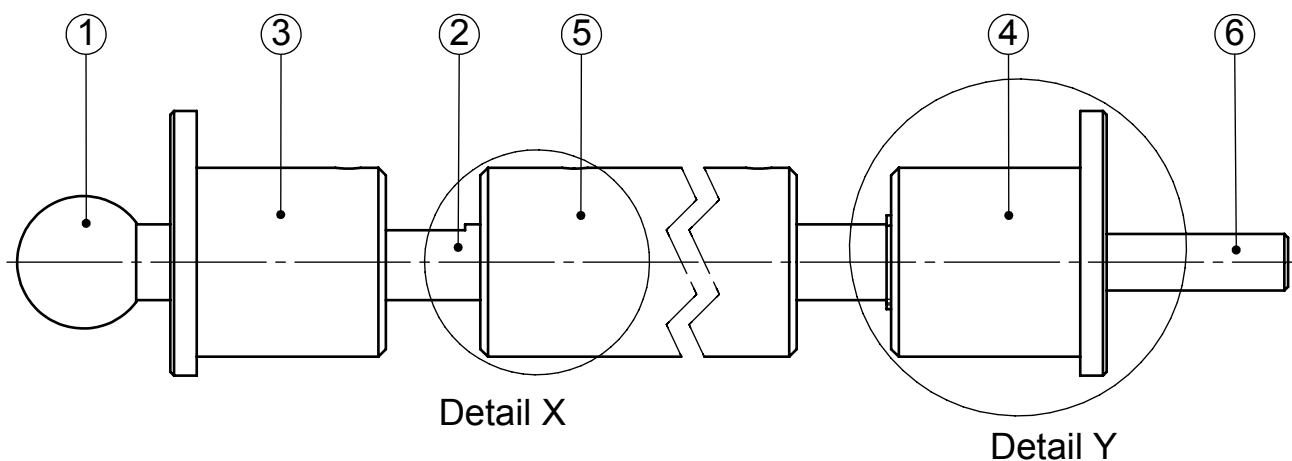
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.
1	1	A020675	Ball nob M10/Ø35	A
2	1	E020676	Slide bearing fixed	C
3	1	E020674	Locking pin	C
4	1	E020680	Slide bearing loose	C
5	1	E020689	Belt roll	C
6	1	E020691	Belt roll spindle, above	C
7	2	A002039	Corrugating ball bear. 20x42x12	A
8	1	A020695	Corrugating ball bear. 15x42x13	A
9	2	A002647	Fusering DIN471 Ø20	C
10	2	A021537	Fusering DIN472 Ø42	C

Axle above

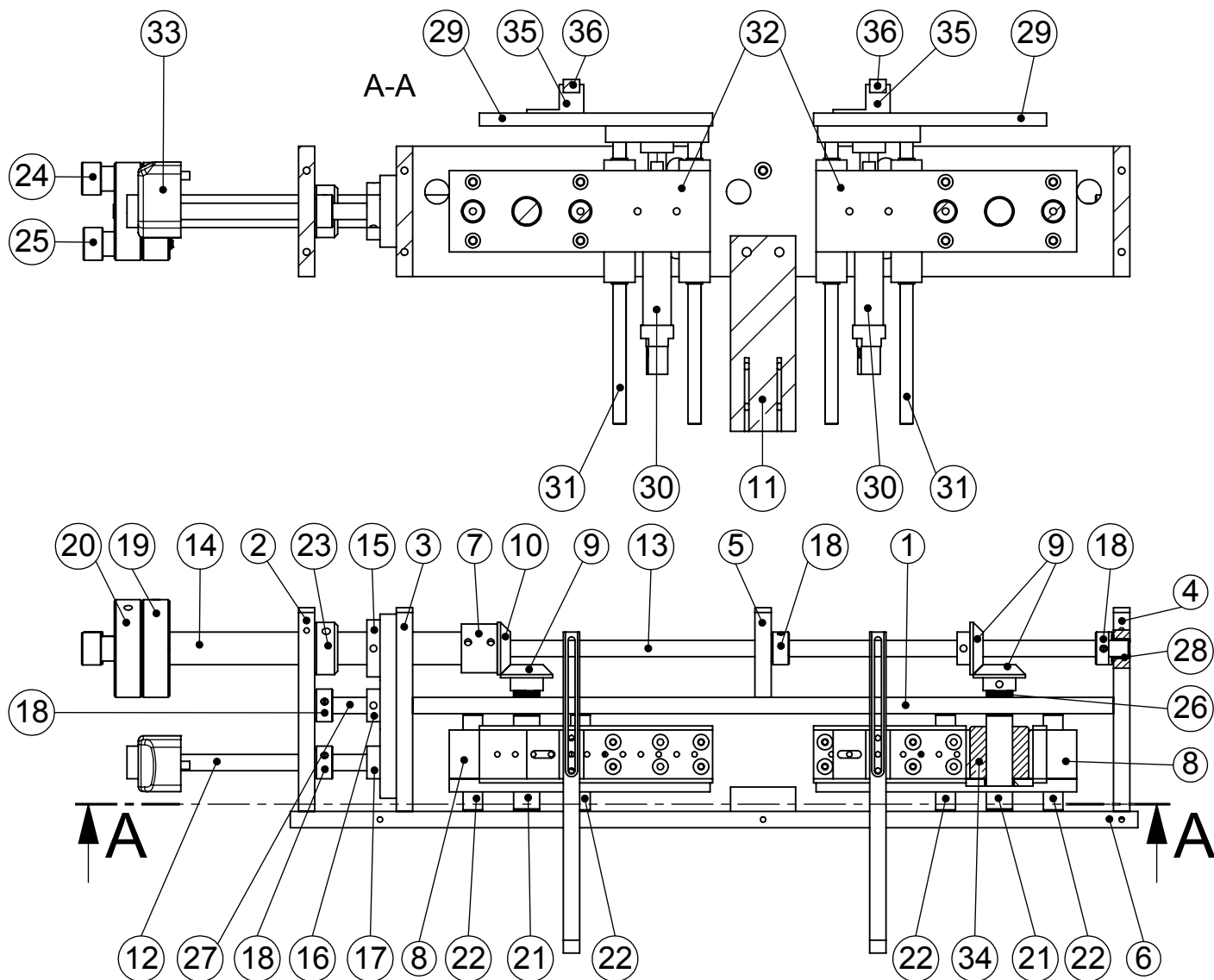
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.
1	1	A020675	Ball nob M10/Ø35	A
2	1	E020674	Locking pin	C
3	1	E011838	Socket pins bearing	C
4	1	E020673	Bearing hub	C
5	1	E020689	Belt roll	C
6	1	E020690	Belt roll spindle, down	C
7	2	A002039	Corrugating ball bear. 20x42x12	A
8	1	A020695	Corrugating ball bear. 15x42x13	A
9	2	A002647	Fusering DIN471 Ø20	C
10	2	A021537	Fusering DIN472 Ø42	C

Axle down 2

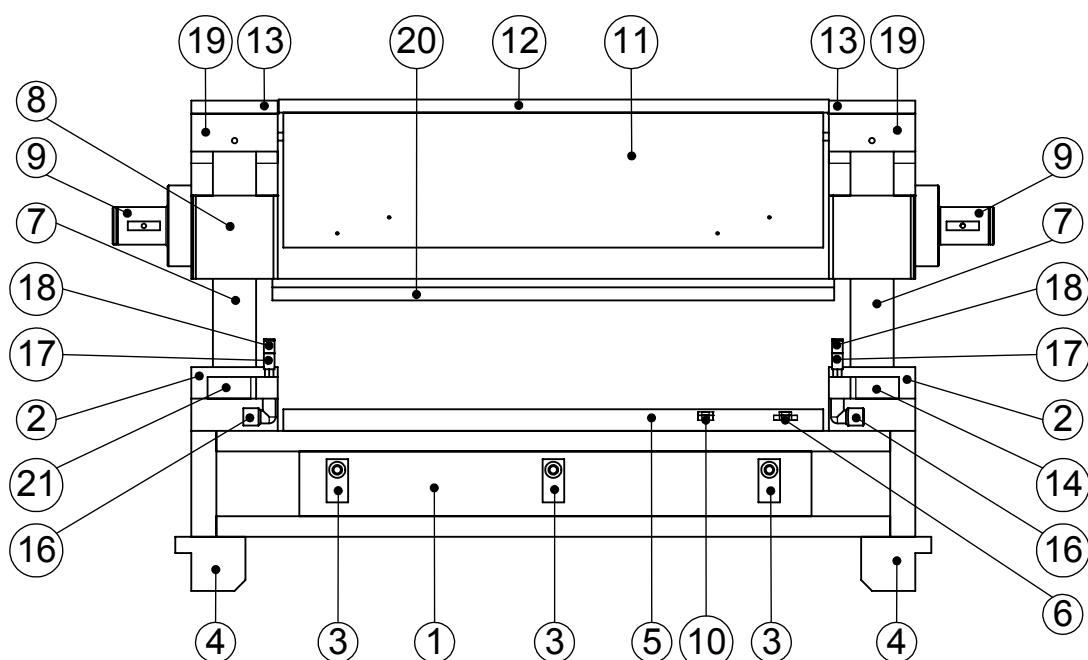
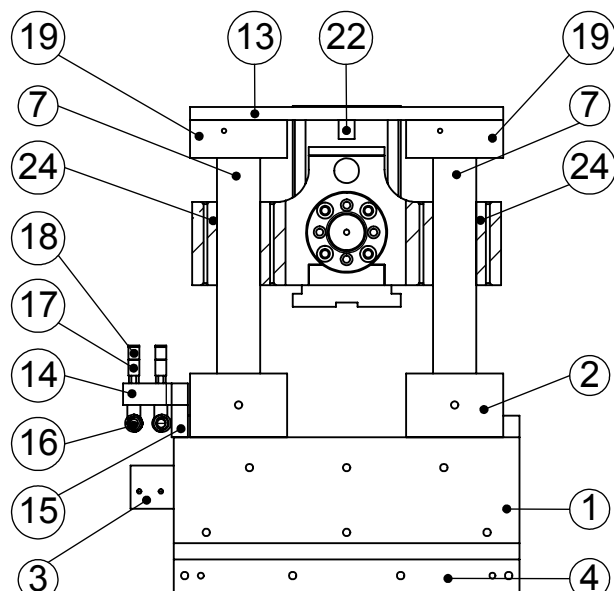
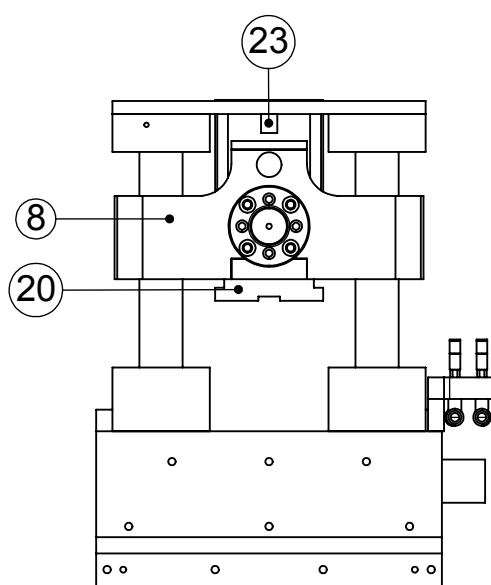
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.	Pos	Pcs.	Order number	Description	Cat.
1	1	E020865	Base plate	C	19	1	E020801	Adjusting wheel	C
2	1	E020792	Side plate, right	C	20	1	E020802	Adjusting disc	C
3	1	E020790	Side plate, middle	C	21	2	E020813	Adjusting spindle	C
4	1	E020791	Side plate, left	C	22	4	E020794	Axle for receiver	C
5	1	E020793	Support plate	C	23	1	A002523	Adjusting ring Ø20/32x14	C
6	1	E020789	Base plate	C	24	1	E020803	Locking screw	C
7	1	E020800	Clamp sleeve	C	25	1	E020818	Adjusting screw	C
8	2	E020796	Guide block	C	26	16	A020819	Spacing washer Ø10/16x1	C
9	3	A020812	Adjusting pinion	C	27	1	E020795	Intermediate shaft	C
10	1	A020810	Adjusting pinion	C	28	10	A020820	Sliding bushes	C
11	1	E020804	Air diffuser for E-connector	C	29	2	E020797	Guide rails	C
12	1	E020799	Axle for switch display	C	30	2	A001702	Pneumatic cylinder	A
13	1	E022846	Regulating shaft	C	31	2	A020821	Guide unit H	A
14	1	E022845	Adjusting pipe	C	32	2	E020798	Receiving plate	C
15	1	A020817	Adjusting pinion	C	33	1	A010489	Mechanical digital display	C
16	1	A020809	Adjusting pinion	C	34	2	A021108	Round trapezoidal-threaded nut	C
17	1	A020808	Adjusting pinion	C	35	2	E020543	Pick-up frame	C
18	4	A020864	Adjusting ring Ø10/20x10	C	36	2	E000451	Paper stop	C

Back gauge

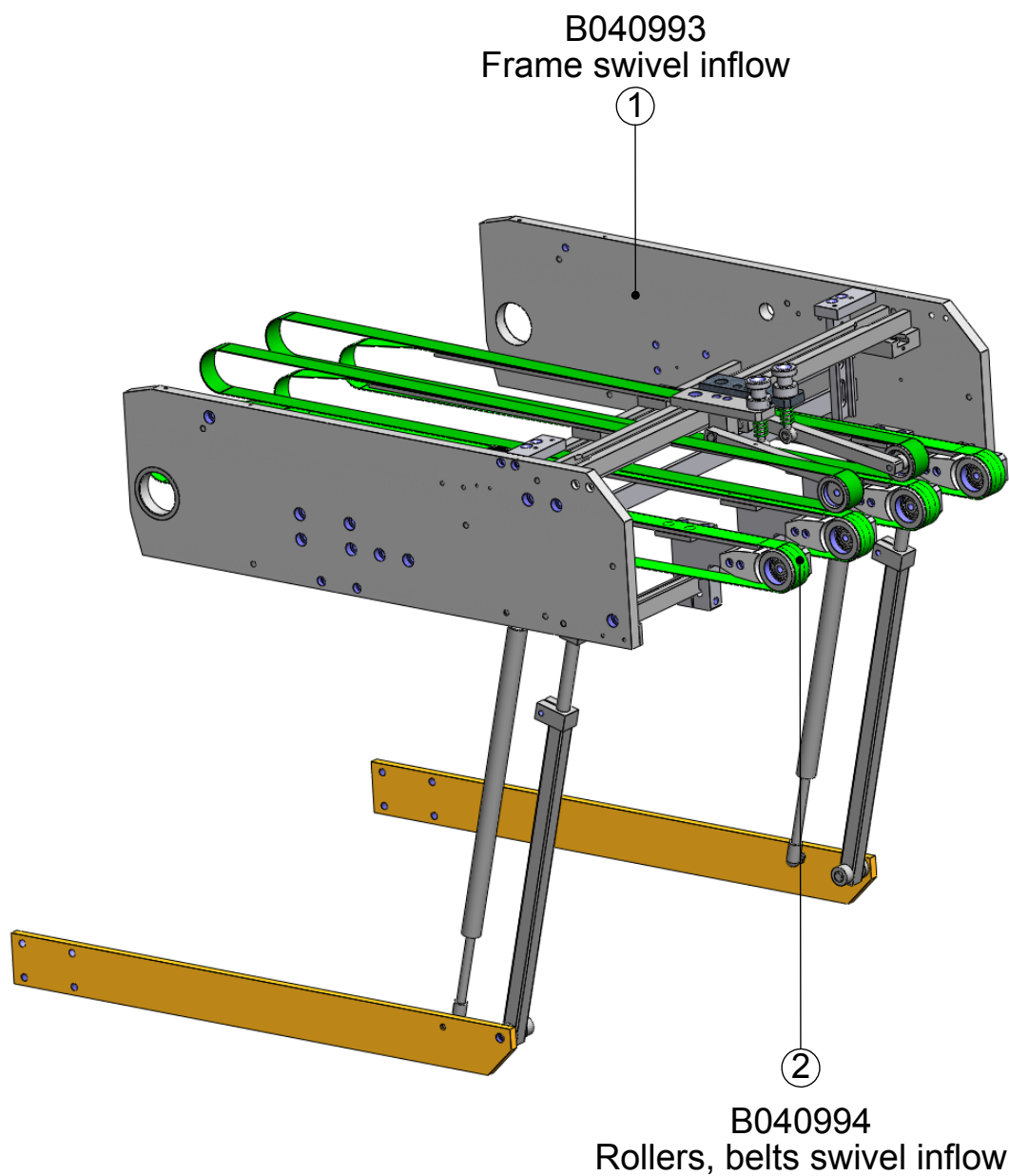
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.	Pos.	Pcs.	Order number	Description	Cat.
1	1	E020648	Bridges	C	13	2	E020632	Connection, above	C
2	4	E000768	Column intake	C	14	1	E020640	Air diffusor	C
3	3	E020642	Air connector	C	15	2	E020641	Distance to air diffusor	C
4	2	E020629	Bridges transducer	C	16	4	A020872	Pneumatic screwing	A
5	2	E020649	Mounting bar	C	17	4	A020873	Pneumatic piece connector	A
6	8	E020644	Slot nuts	C	18	4	A020930	Pneumatic coupling	A
7	4	A020654	Guide column Ø40x280	C	19	4	E011917	Column holder	C
8	1	E013220	Pressure bar	C	20	1	E021199	Blade holder, above	C
9	2	E020630	Pressure bar tappet	C	21	1	E022354	Air diffusor, left	C
10	4	E020645	Slot nuts	C	22	1	E011958	Covering bracket	C
11	2	E011995	Side covering (BSM 450)	C	23	1	E011959	Covering bracket short	C
12	1	E020652	Pressure bar covering	C	24	4	A020540	Guide socket	C

Pressure bar

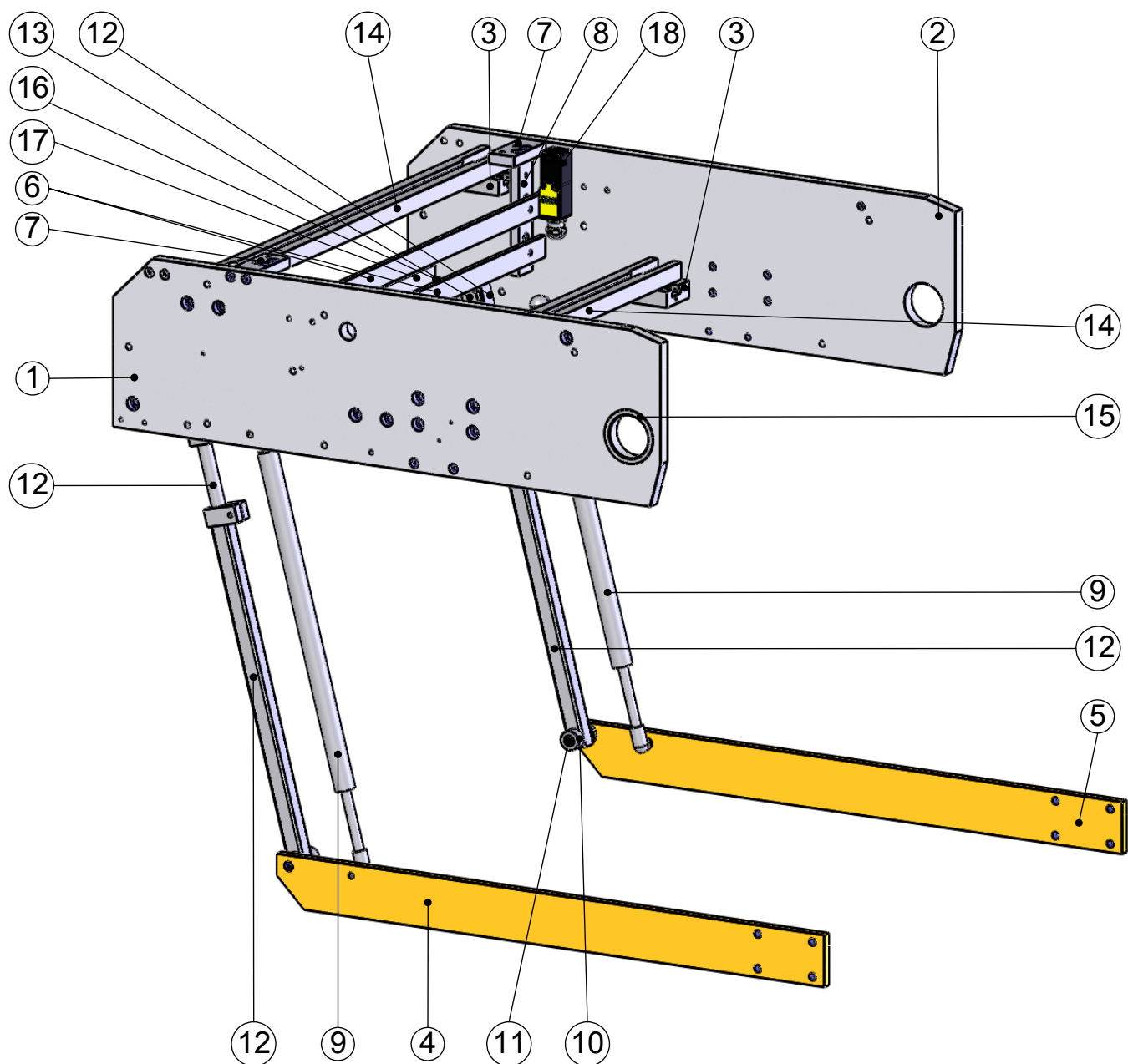
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.
1	1	B040993	Frame swivel inflow	S. 26
2	1	B040994	Rollers, belts swivel inflow	S. 27

Swivel inflow

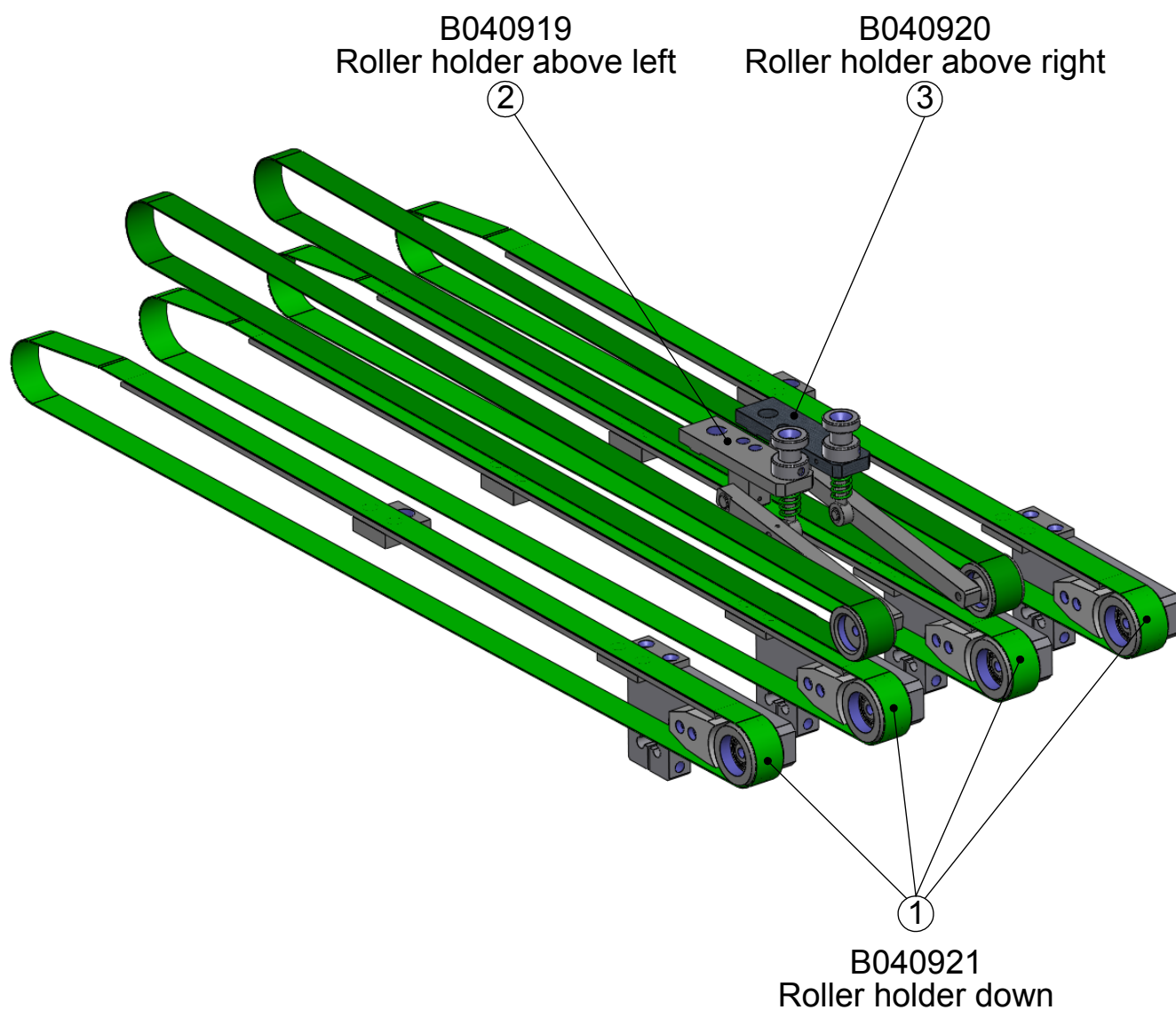
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.	Pos.	Pcs.	Order number	Description	Cat.
1	1	E000764	Side part, right	C	10	2	A020735	Adjusting ring Ø12	C
2	1	E010093	Side part, left	C	11	2	E020732	Support hub	C
3	4	E020705	Mount	C	12	2	B020829	Support pipe 400mm	C
4	1	E022409	Support rail left	C	13	2	E020726	Support bolts	C
5	1	E020731	Support rail	C	14	2	E020713	Guide rails	C
6	2	E000498	Safety rail	C	15	2	A020708	Intermediate plate 1mm	C
7	2	E000482	Hinge holder	C	16	2	E020707	Alignment plate	C
8	2	E000496	Protective holder	C	17	1	E020693	Traverse	C
9	2	A020786	Gas spring	C	18	1	A012049	Safety switch	C

Frame swivel inflow

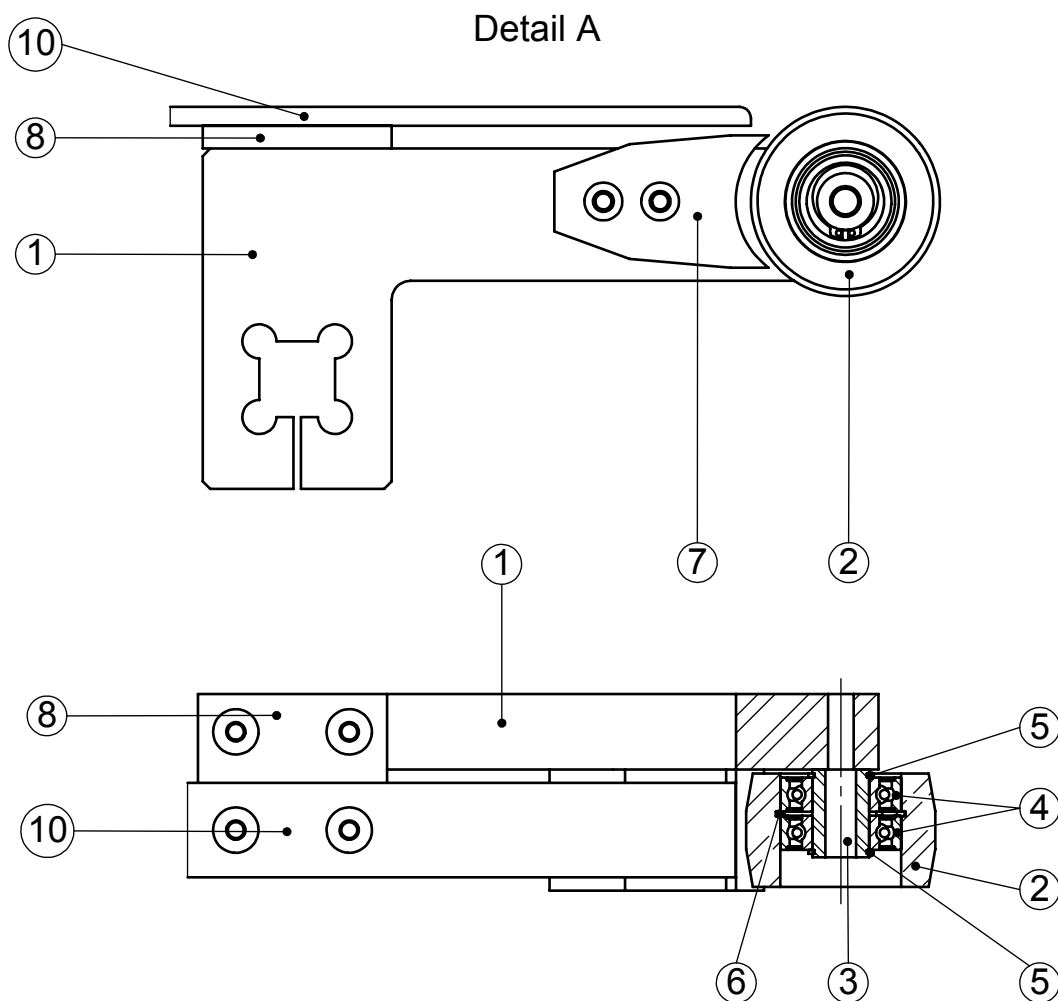
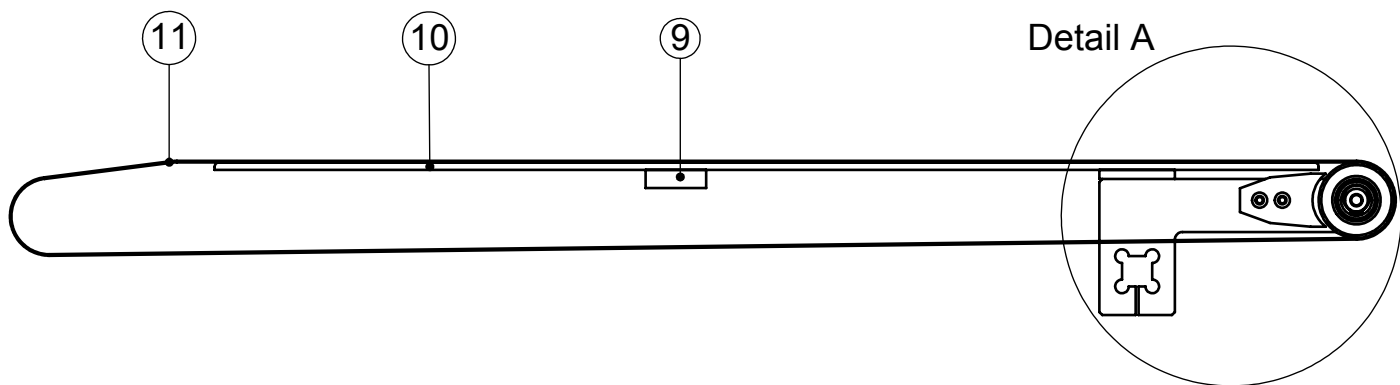
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	4	B040921	Roller holder down	S. 28
2	1	B040919	Roller holder above left	S. 29
3	1	B040920	Roller holder above right	S. 30

Rollers, belts swivel inflow

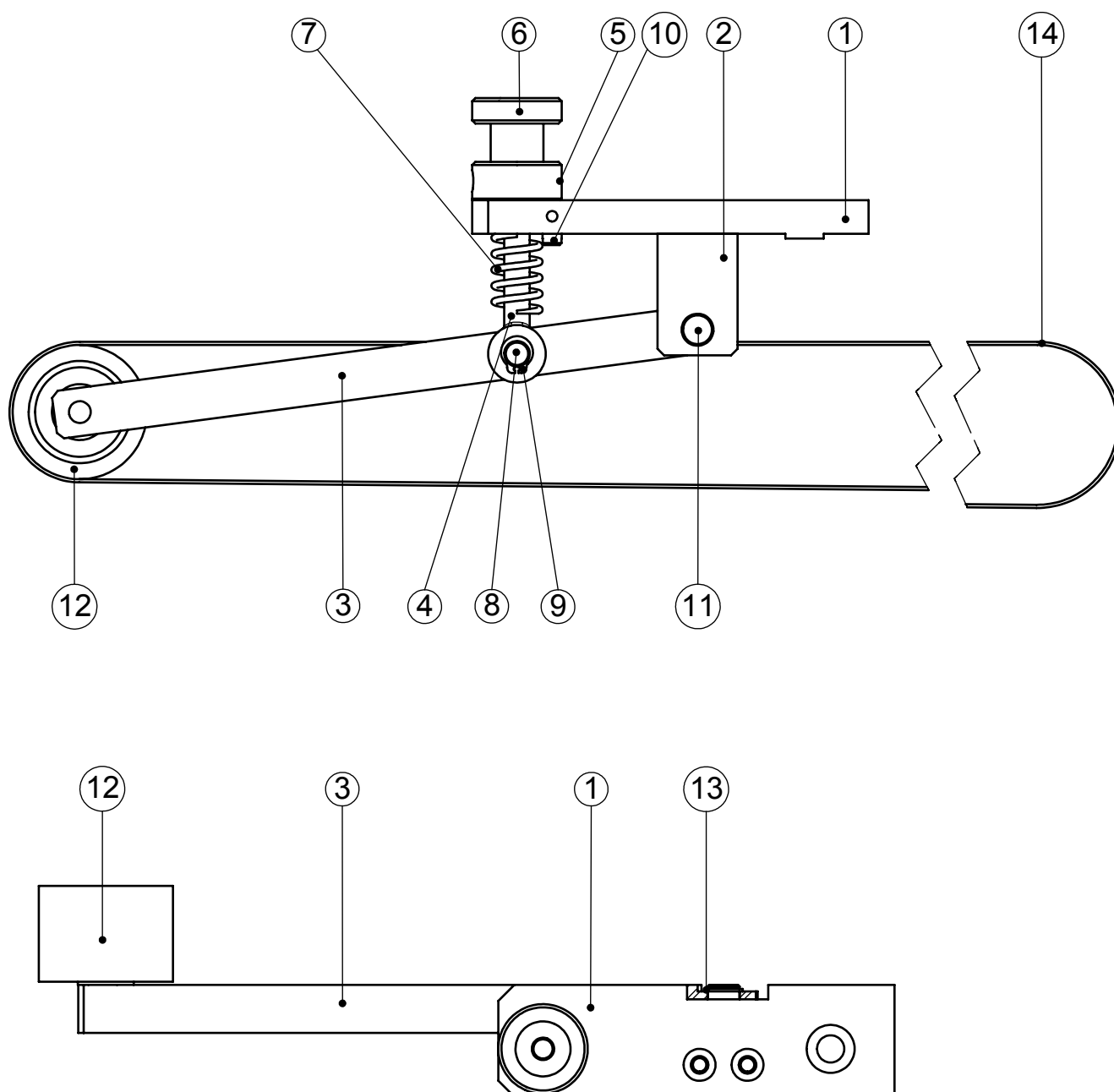
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.	Pos	Pcs.	Order number	Description	Cat.
1	1	E000395	Roller lever below	C	7	1	E020756	Roller protector behind	C
2	1	E020709	Belt roller down	C	8	1	E020711	Sliding plate	C
3	1	E020710	Rolling wheel hub	C	9	1	E020712	Holding block	C
4	2	A020770	Corrugating ball bear. 15x32x9	C	10	1	E020715	Slide rail	C
5	2	A020574	Fusering DIN471 Ø15	C	11	1	A020761	Flat belt 25x1800	A
6	1	A020549	Fusering DIN472 Ø32	C					

Roller holder down

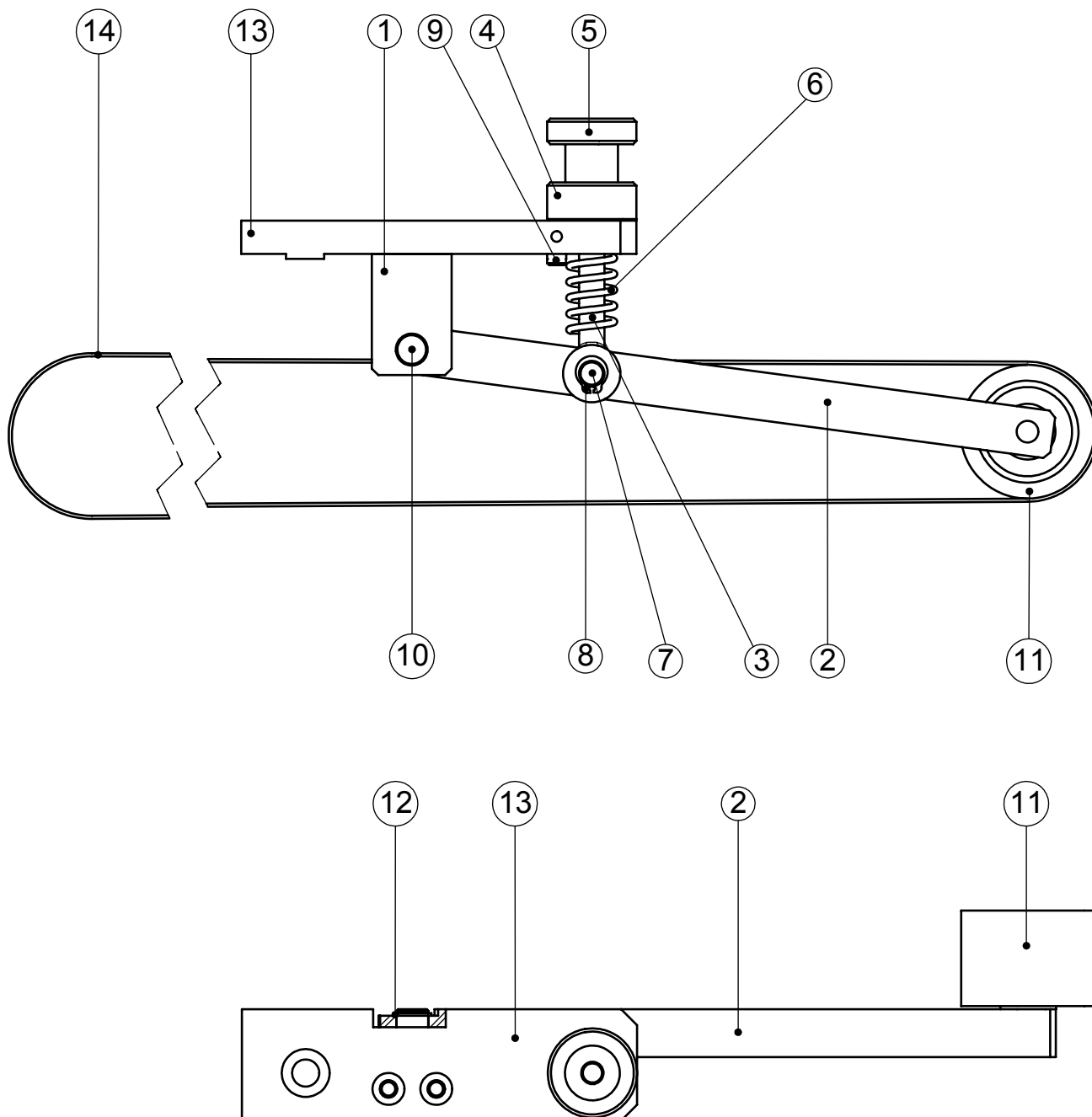
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.	Pos.	Pcs.	Order number	Description	Cat.
1	1	E020716	Roller holder plate	C	8	1	E020721	Belt roller bolts (25.5)	C
2	1	E020717	Roller holder bearing	C	9	1	A020722	Fusering DIN741 Ø8	C
3	1	E020718	Roller holder - infeed	C	10	1	A020724	Sprung M6	C
4	1	E020719	Eye bolt	C	11	1	E020720	Axite bolt 35	C
5	1	A001284	Grid ring	C	12	1	A020725	Flat belt roller Ø42	C
6	1	E020069	Knurled head screw	C	13	1	A020723	Fusering DIN471 Ø10	C
7	1	A020785	Compression spring Ø16	C	14	1	A020760	Flat belt 25x1800	A

Roller holder above left

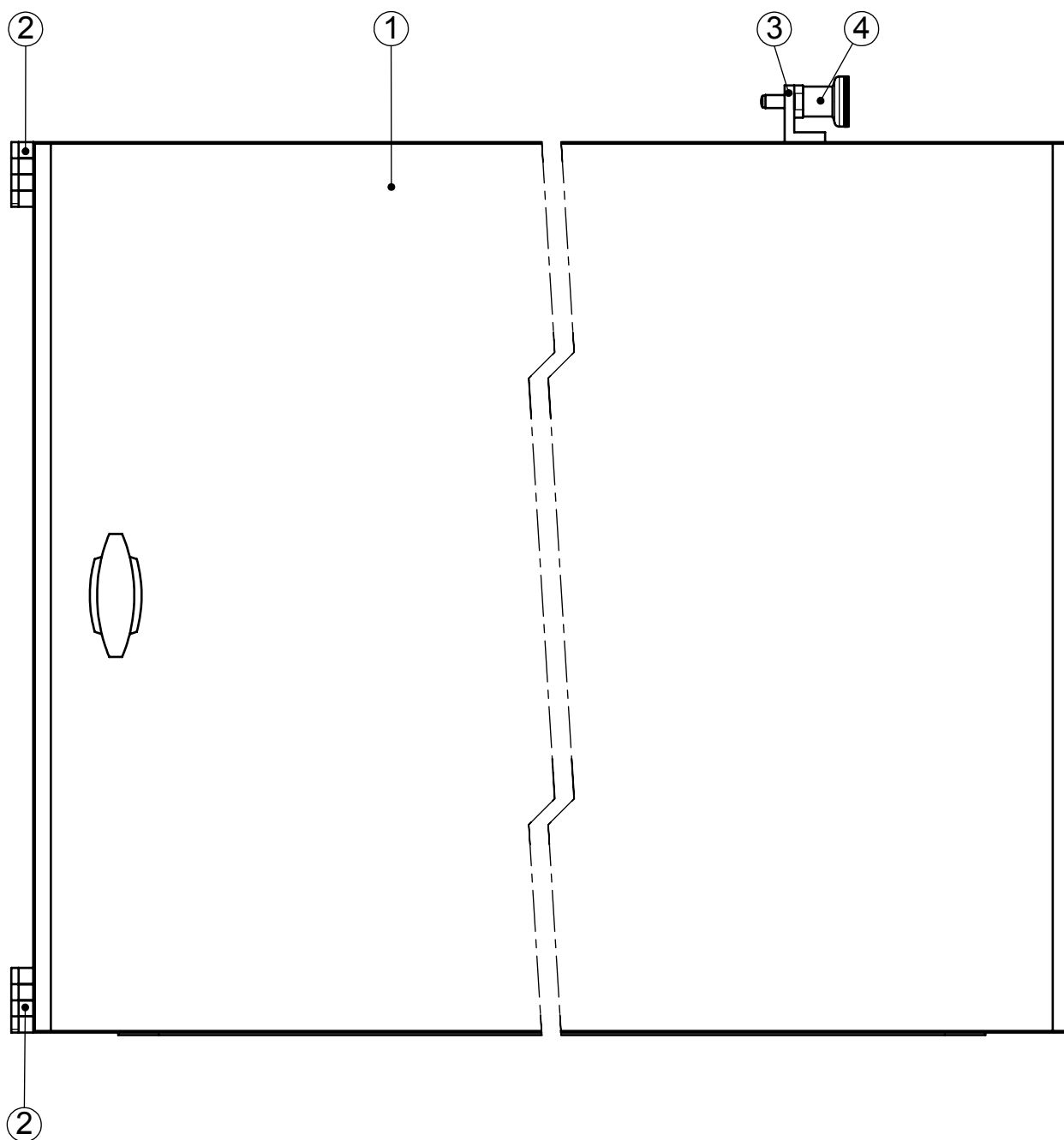
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.	Pos.	Pcs.	Order number	Description	Cat.
1	1	E020717	Roller holder bearing	C	8	1	A020722	Fusering DIN741 Ø8	C
2	1	E020718	Roller holder - infeed	C	9	1	A020724	Sprung M6	C
3	1	E020719	Eye bolt	C	10	1	E020720	Axle bolt 35	C
4	1	A001284	Grid ring	C	11	1	A020725	Flat belt roller Ø42	C
5	1	E020069	Knurled head screw	C	12	1	A020723	Fusering DIN471 Ø10	C
6	1	A020785	Compression spring Ø16	C	13	1	E022407	Roller holder plate left	C
7	1	E020721	Relt roller bolts (25.5)	C	14	1	A020760	Flat belt 25x1800	A

Roller holder above right

BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	A012821	Switch cabinet BSM 450 / 750	C
2	2	A011635	Hinge	C
3	1	E020636	Holding bracket f. sw. cabinet	C
4	1	A040935	Stop bolts	C

Switch cabinet complete

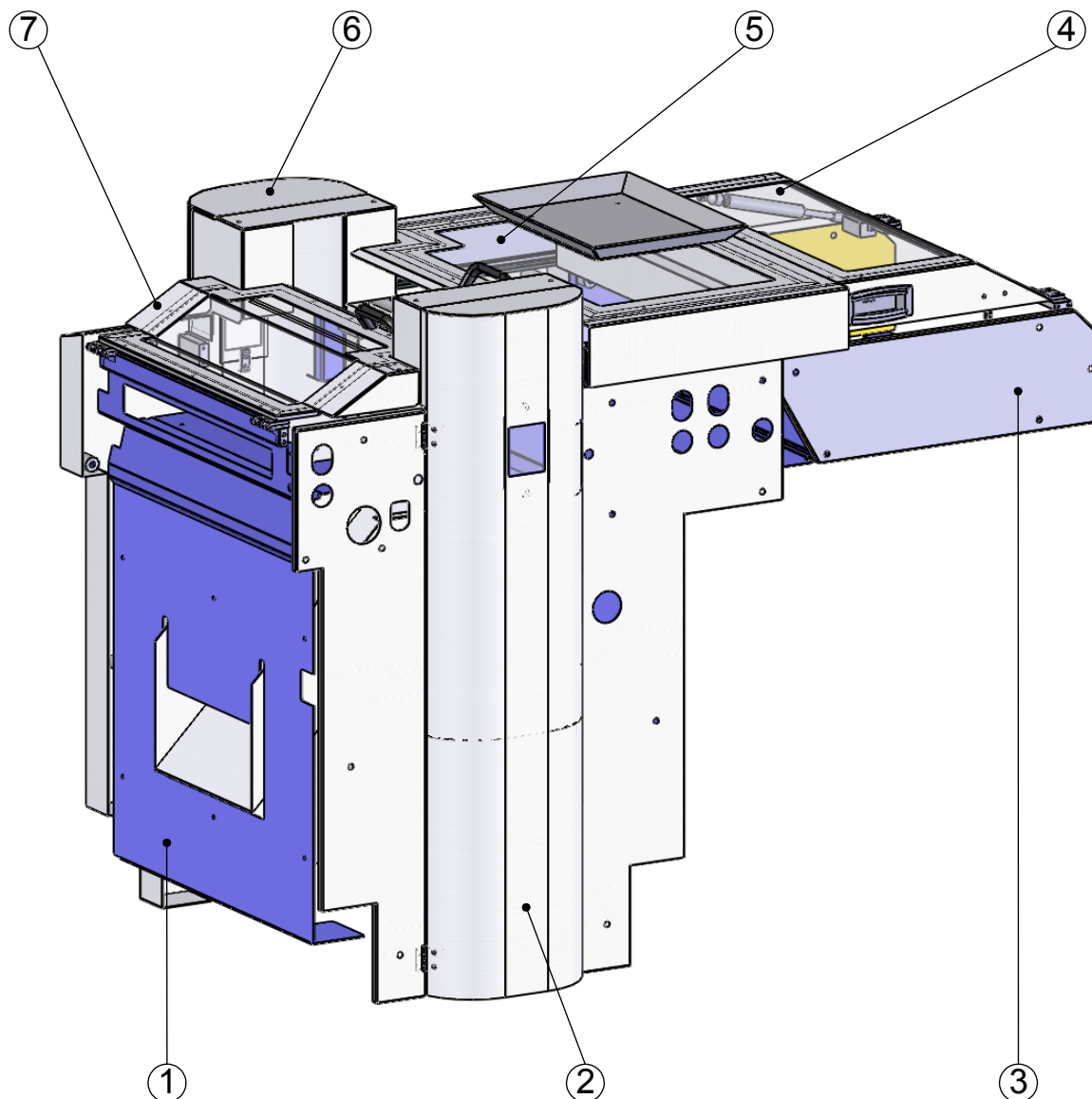
BS Multi 450 Servo / Servo plus

B020948
Swivelling
outlet hood

B011956
Pull rod covering
behind complete

B050014
Pull out protective
hood complete

B050013
Inlet cover
complete



B050011
Outfeed side
coverings

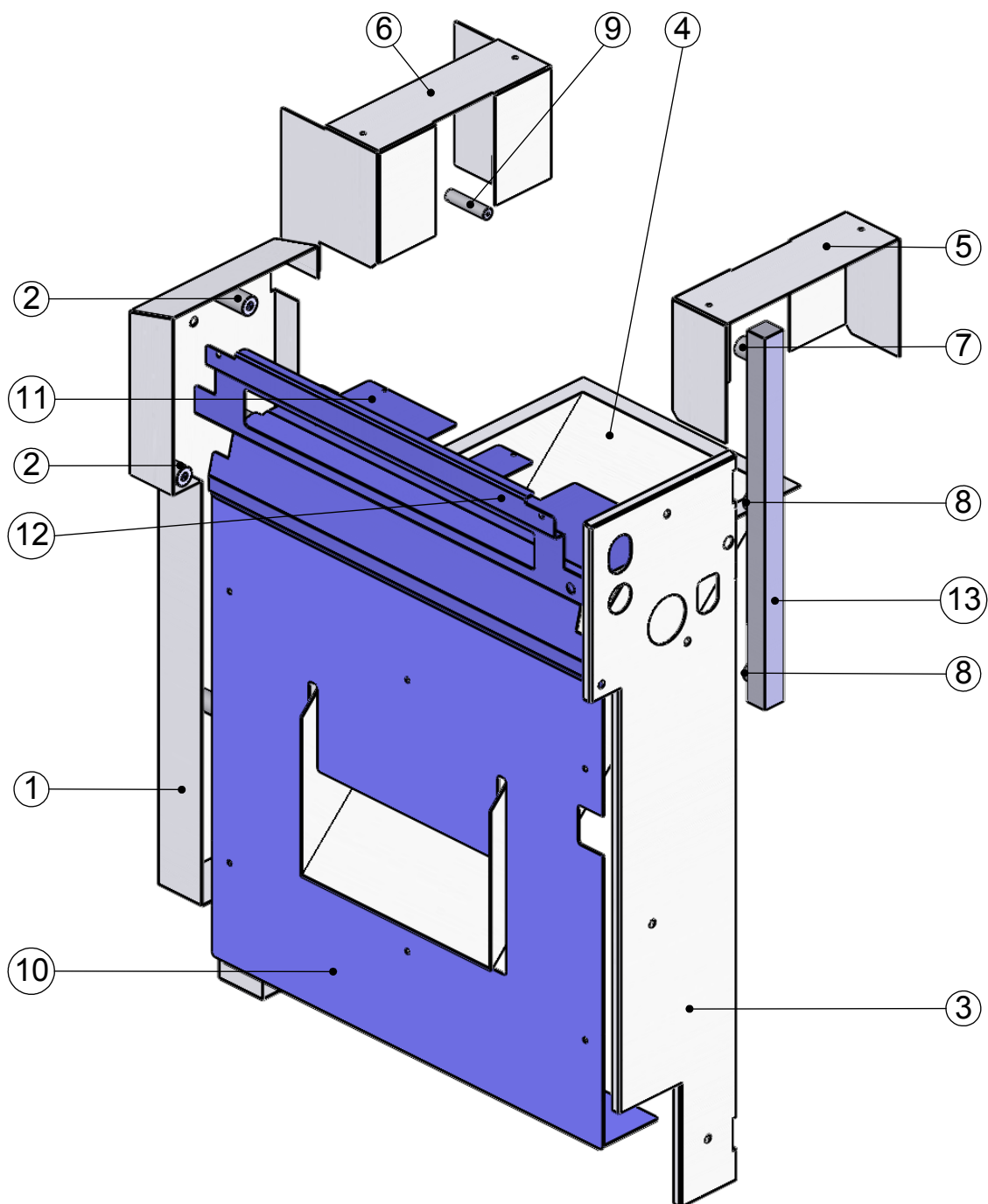
B011957
Pull rod covering
front complete

B050012
Infeed side
coverings

Pos	Pcs.	Order number	Description	Cat.
1	1	B050011	Outfeed side coverings	S. 33
2	1	B011957	Pull rod covering front comp.	S. 34
3	1	B050012	Infeed side coverings	S. 35
4	1	B050013	Inlet cover complete	S. 36
5	1	B050014	Pull out protective hood comp.	S. 37
6	1	B011956	Pull rod covering behind comp.	S. 38
7	1	B020948	Swivelling outlet hood	S. 39

Hoods and coverings

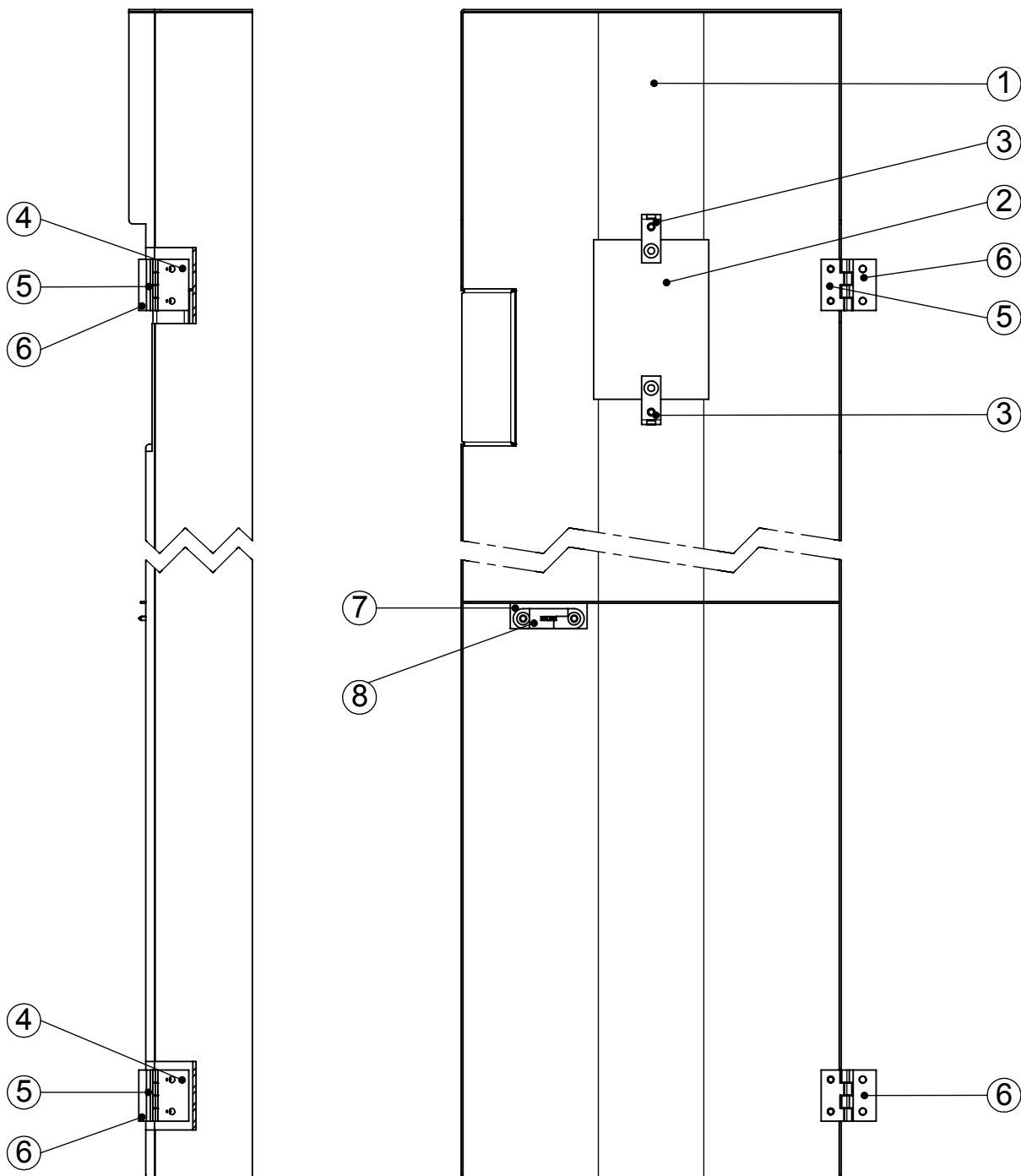
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.	Pos	Pcs.	Order number	Description	Cat.
1	1	E011841	Protective covering	C	8	2	E020974	Cable channel ring	C
2	5	E011969	Hoods screwing pieces	C	9	1	E012363	Magnet distance	C
3	1	E011816	BSM covering outfeed	C	10	1	E022601	Back covering	C
4	1	E000761	Tensioning slide	C	11	1	E040102	Covering bracket	C
5	1	E011859	Column covering front	C	12	1	E040101	Safety sheet	C
6	1	E011860	Column covering	C	13	1	E040722	Cable channel	C
7	1	E020975	Cable channel ring	C					

Outfeed side coverings

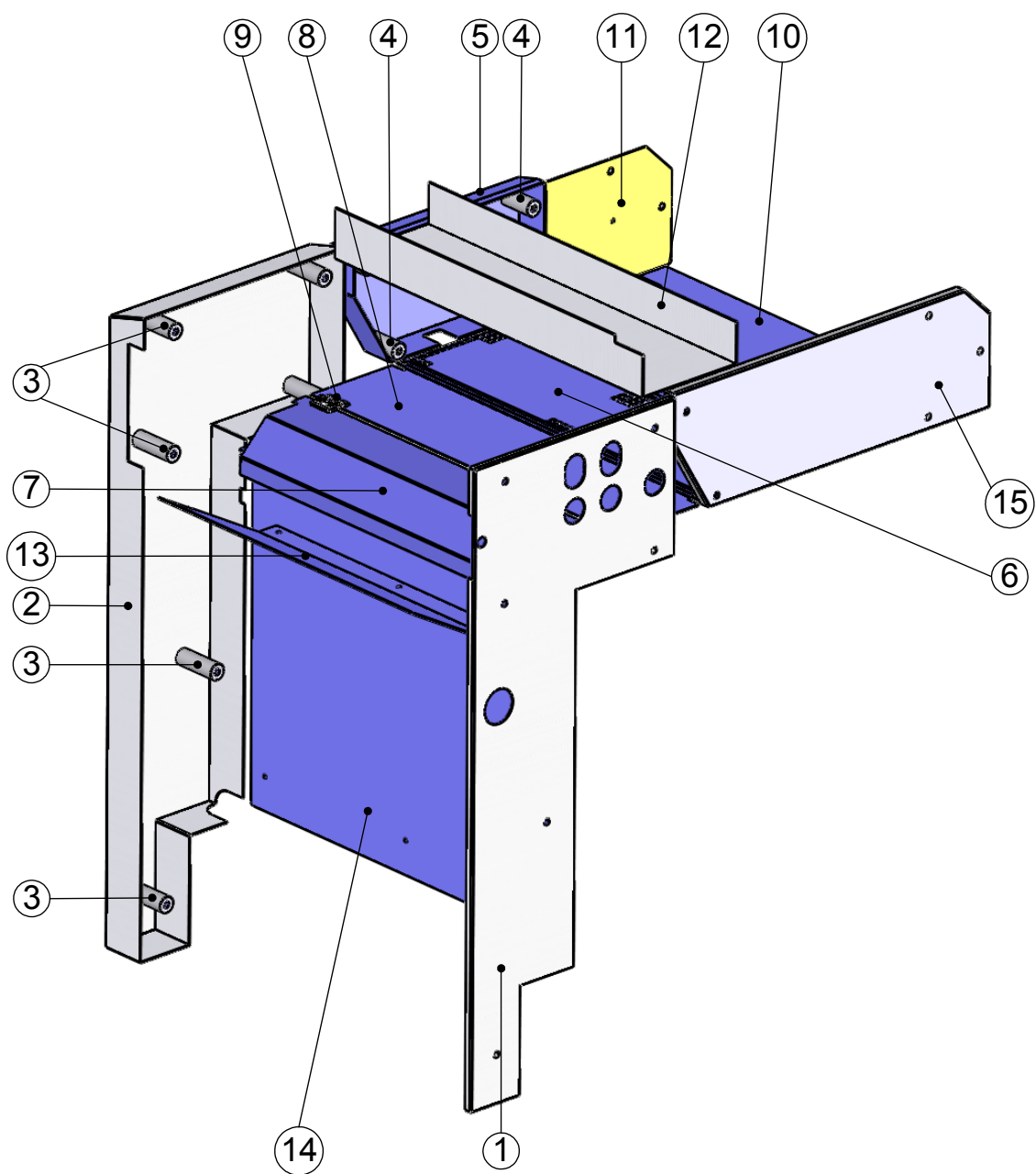
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	B040720	Door user side	C
2	1	E021940	Window	C
3	2	E012082	Clamping plate	C
4	2	E011949	Holding piece	C
5	2	A011378	Hinge GN237-40-40	C
6	2	E011970	Spacing plate	C
7	1	E021264	Handle inflow	C
8	1	A021110	Dconfirm for Sick i12	C

Pull rod covering front complete

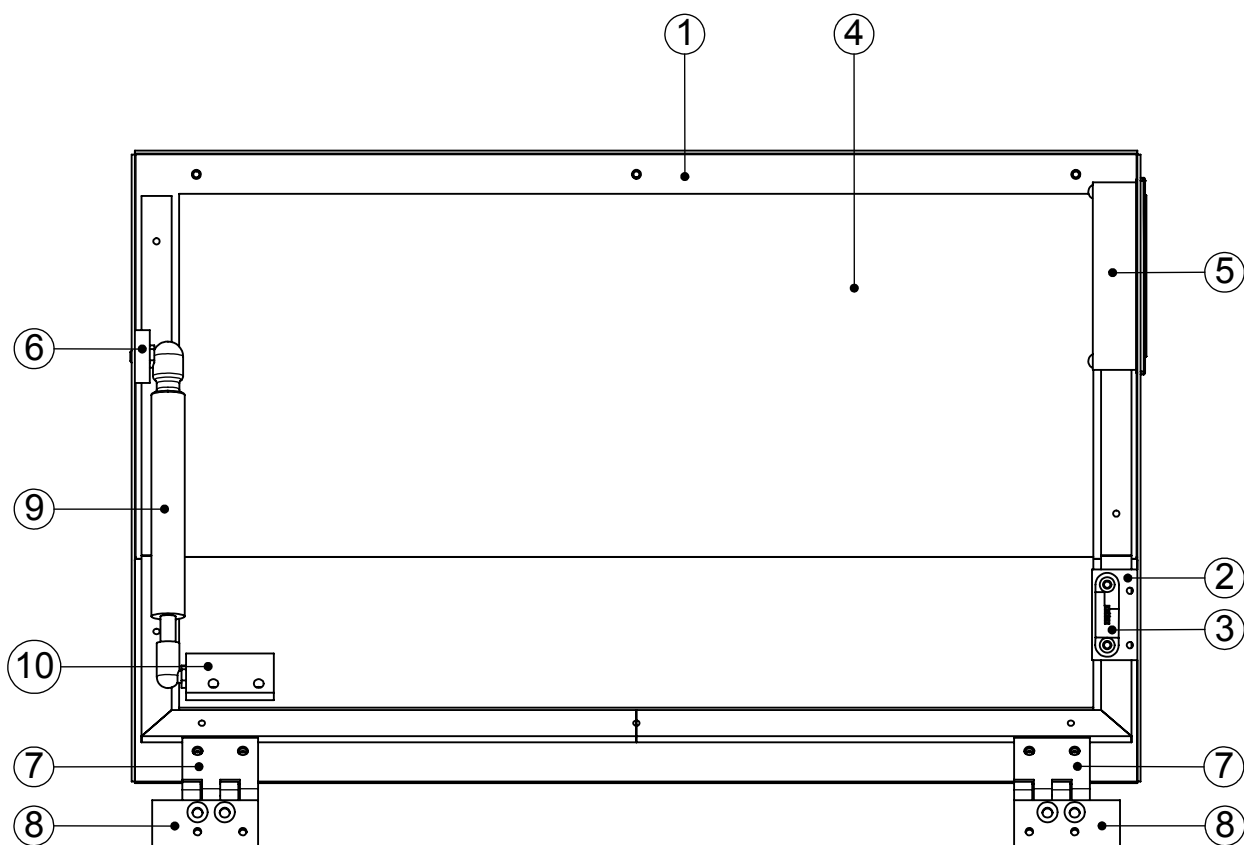
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.	Pos	Pcs.	Order number	Description	Cat.
1	1	E011842	BSM covering inflow	C	9	2	A040286	Hinge 40-40	C
2	1	E011817	Protective covering inflow	C	10	1	E000499	Protective plate	C
3	6	E011969	Hoods screwing pieces	C	11	1	E011975	Plate covering front	C
4	4	E012058	Hoods screwing inlet	C	12	1	E000549	Safety covering	C
5	1	E011955	Valve covering inflow	C	13	1	E001571	Drive plate	C
6	1	E001268	Hole lattice	C	14	1	E010297	Covering front	C
7	1	E040105	Safety covering front	C	15	1	E011974	Plate covering front	C
8	1	E022608	Safety covering	C					

Infeed side coverings

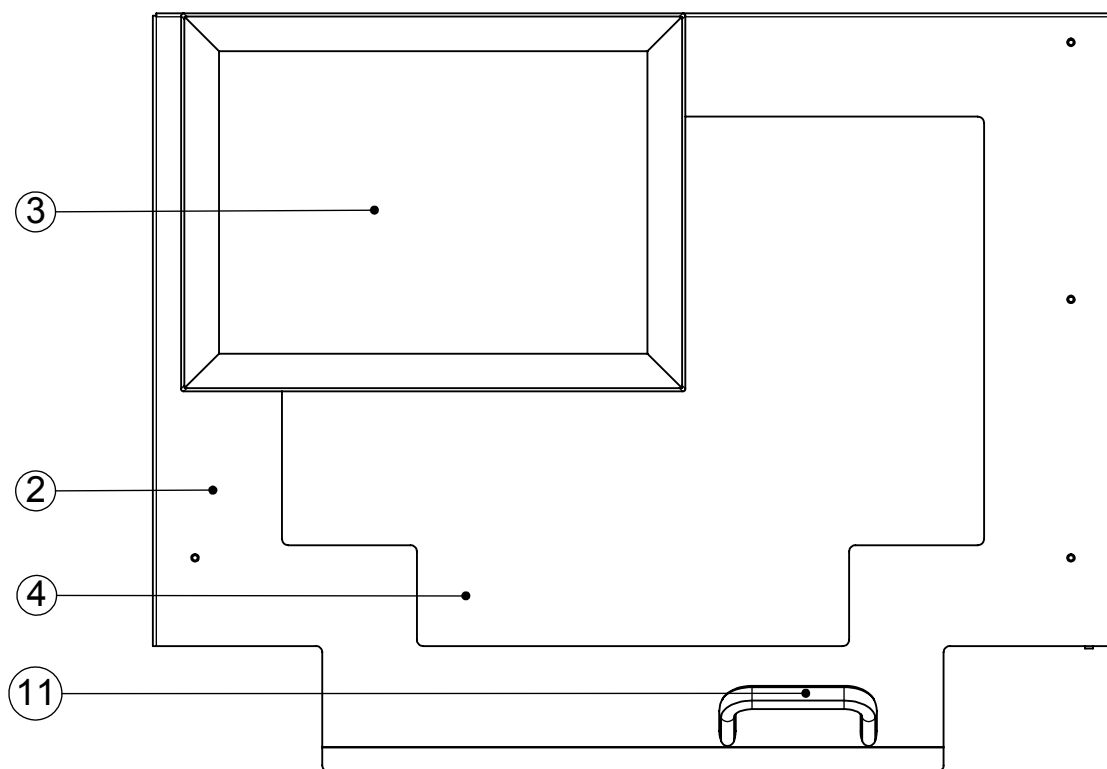
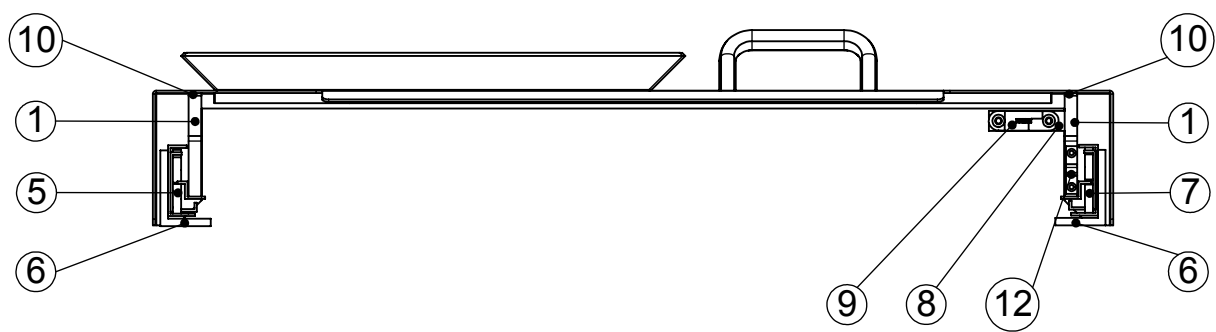
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	B020949	Inlet cover welded	C
2	1	E020973	Handle outflow	C
3	1	A021110	Confirmer for Sick i12	C
4	1	E020750	Inlet valve window	C
5	1	A012225	Recessed grip	C
6	1	E020967	Cylinder holder front above	C
7	2	B001689	Hinge GD ZN M6	C
8	2	E000482	Hinge holder	C
9	1	A021113	Gas spring	C
10	1	E020966	Cylinder holder cover above	C

Inlet cover complete

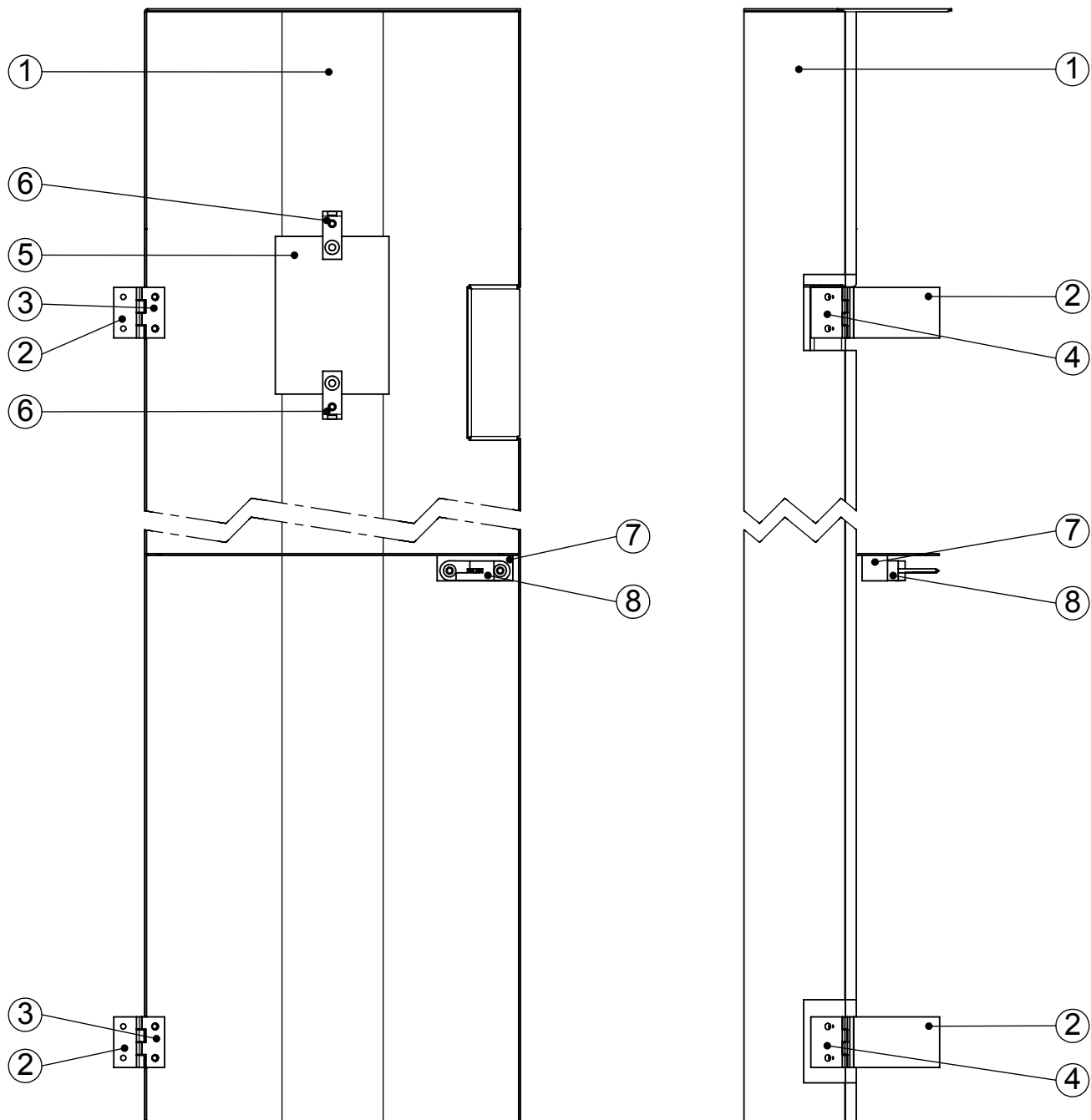
BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.	Pos	Pcs.	Order number	Description	Cat.
1	2	E010394	Lever plate	C	7	1	B002426	Pull-out rails left	C
2	1	B012076	Pull out protective hood	C	8	1	E012054	Holder for actuator	C
3	1	E020643	Tool shell	C	9	1	A021110	Confirmer for Sick i12	C
4	1	E011963	Viewing panel	C	10	2	E040730	Intermediate plate cover	C
5	1	B002427	Pull-out rails right	C	11	1	A012224	Sloping bracket handle	C
6	2	E012048	Base angle holder	C	12	1	A002432	Grid father piece	C

Pull out protective hood complete

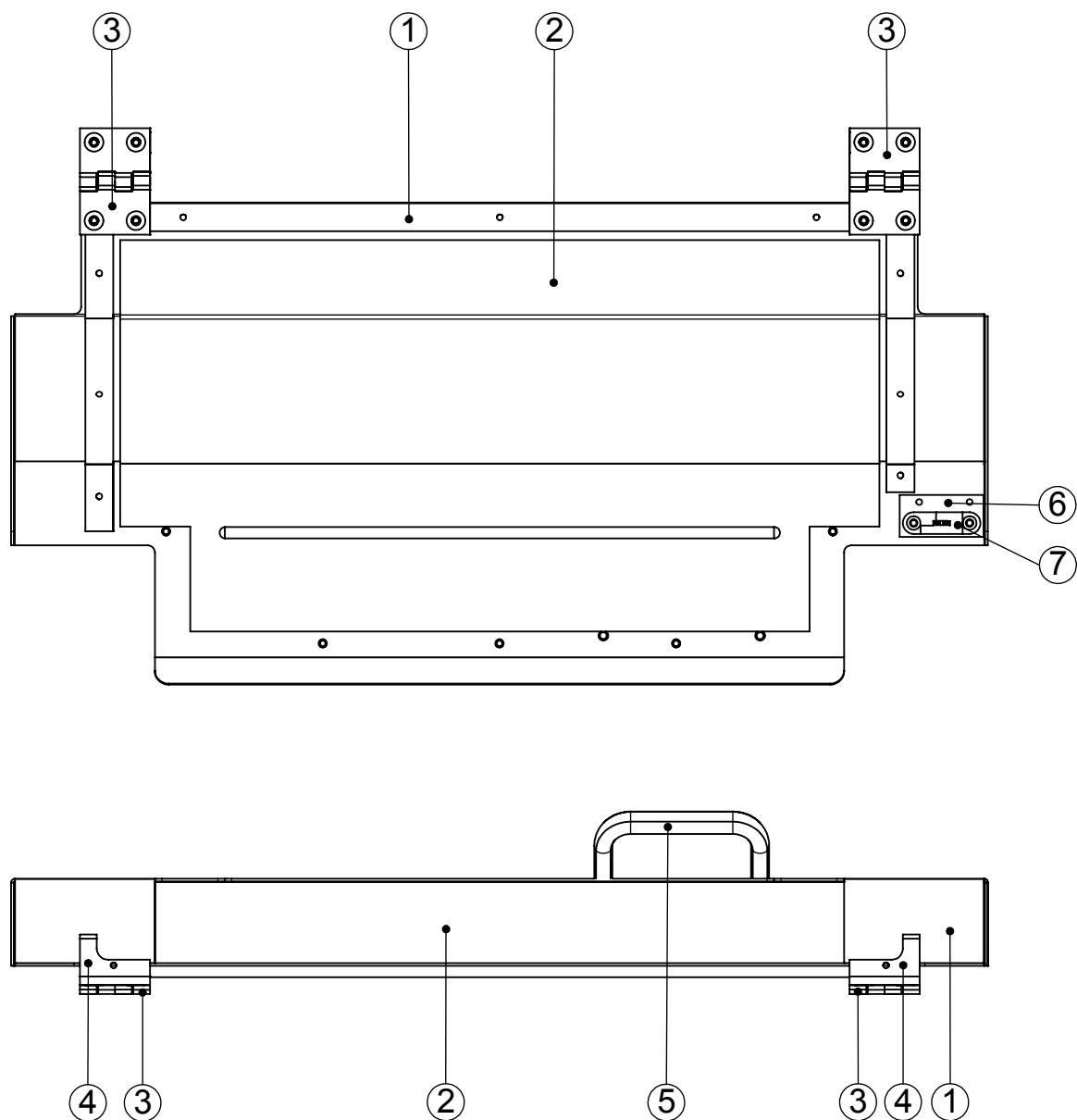
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	B040723	Door back side	C
2	2	E011971	Distance screw plate	C
3	2	A011378	Hinge GN237-40-40	C
4	2	E011949	Holding piece	C
5	1	E021940	Window	C
6	2	E012082	Clamping plate	C
7	1	E021264	Handle inflow	C
8	1	A021110	Confirmer for Sick i12	C

Pull rod covering behind complete

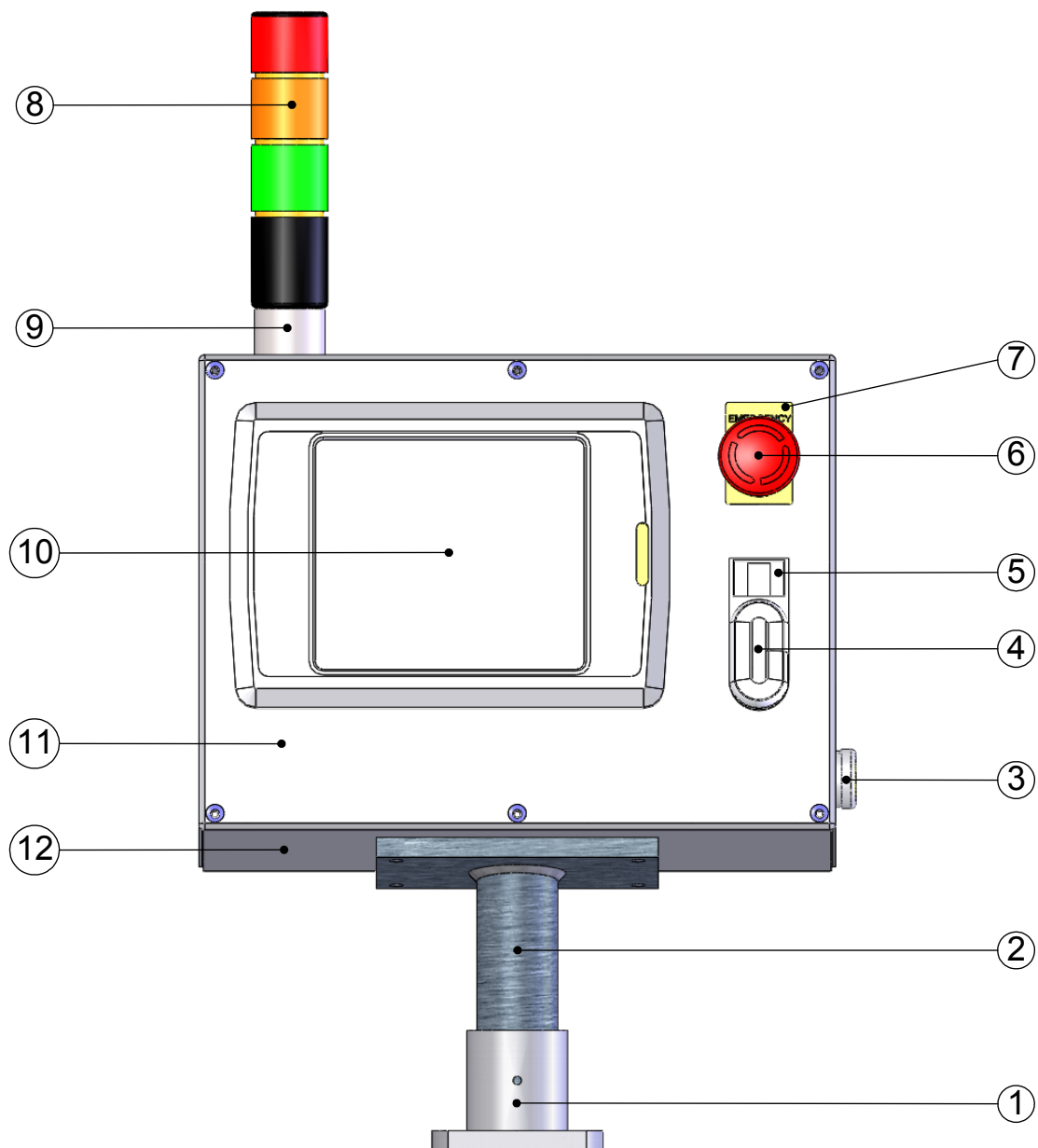
BS Multi 450 Servo / Servo plus



Pos.	Pcs.	Order number	Description	Cat.
1	1	B050029	Welded outlet hood	C
2	1	E020749	Outlet window	C
3	2	B001689	Hinge GD ZN M6	C
4	2	E011954	Hinige holder angle	C
5	1	A012224	Sloping bracket handle	C
6	1	E020973	Handle outflow	C
7	1	A021110	Confirmer for Sick i12	C

Swivelling outlet hood

BS Multi 450 Servo / Servo plus



Pos	Pcs.	Order number	Description	Cat.	Pos	Pcs.	Order number	Description	Cat.
1	1	E011653	Control panel foot	C	7	1	A010913	Emergency stop sign	C
2	1	E011655	Controlpanel stand	C	8	1	A040839	Signal lamp	C
3	1	A013697	Complete button	C	9	1	E011996	Lamp holder	C
4	1	A013698	Switch control On / Off	C	10	1	A013938	Display	C
5	1	A013699	Switch description holder	C	11	1	E012079	Display front plate	C
6	1	A012028	Emergency stop switch	C	12	1	E011991	Display casing	C

Display + Holder

BS Multi 450 Servo / Servo plus

Replacement part list BS Multi 450 Servo / Servo plus

Pos.	Pcs.	Order number	Description	Cat.
1	1	E020624	Side part, front	C
2	1	E020625	Side part, behind	C
3	2	E020646	Traverse	C
4	4	E000975	Adjustable feet	C
5	4	E000976	Fixing plate	C
6	4	E000977	Receiving plate	C
7	4	E000978	Adjusting spindle	C
8	4	E000979	Cushioning sub-layer	C
9	4	A000981	Nut M20	C
10	4	E020647	Traverse	C
11	2	E020861	Bearing flange	C
12	2	A020736	Pendular roller bearings	C
13	1	E020740	Holder for initiator	C
14	1	E020962	Stop rail Switch cabinete	C
15	1	A040879	3 part valve battery with cable	A
16	1	A040803	5 part valve battery with cable	A
17	5	A012049	Safety switch	C
18	1	A040901	Air service unit	A
19	2	E000509	Travo holder	C
20	1	A040902	E-cabinet trafo	C
21	1	E012025	Pneumatic connector holder	C
22	1	E010133	Venting channel	C
23	1	A040903	Brakes resistance	C
24	1	A040904	Ventilator	C
25	1	A022130	Pressure air tank	C
26	2	E040480	Cylindrical proximity sensor	C
27	2	E000510	Travo holder	C
28	1	E020628	Motor plating	C
29	1	E020743	Pressure strip	C
30	1	E020742	Fixing plate	C
31	1	E020741	Base plate	C
32	2	E020744	Guide rail	C
33	2	E020746	Support	C
34	1	E020745	Motor mount	C
35	1	E020626	Roller block	C
36	1	E020627	Axle	C
37	2	A020733	Adjusting washers 15x20x1	C
38	1	A020734	Corrugating ball bearing 15x35x14	C
39	1	A020739	Servo motor	C
40	1	A020757	Gear	C
41	1	A010746	Toothed wheel	C
42	1	A020758	Toothed washer	C
43	1	A020784	Toothed belt	C
44	1	E040898	Taperlock-tension. socket w sleeve	C
45	1	E040897	Taperlock-tension. socket w sleeve	C
46	1	E020663	Eccentric shaft	C
47	1	E020664	Switch cams	C
48	1	E020665	Switch cams	C

Replacement part list BS Multi 450 Servo / Servo plus

Pos.	Pcs.	Order number	Description	Cat.
49	2	E020666	Pull rod	C
50	2	A020667	Cylinder roller bearing 35x62x36	C
51	2	E020668	Cover disc, inner	C
52	2	E020669	Cover disc, outer	C
53	2	A020556	Fusering DIN471 Ø35	C
54	2	A020866	Adjusting pinion	C
55	2	E020670	Eccentric adjustable lining	C
56	2	E020671	Eccentric cover disc	C
57	1	E020659	Regulating shaft	C
58	2	A020988	Composite sleeves 20x23x30	C
59	1	A040906	Insert feather key 16x50	C
60	1	E010086	Side part - right	C
61	1	E020862	Side part - left	C
62	4	E10055	Mount	C
63	2	E020682	Mounting tabs	C
64	2	E020684	Link head bearing	C
65	2	E020685	Holder for counter bearing	C
66	2	E020686	Limiting stop	C
67	2	E020688	Traverse	C
68	1	E020692	Slide rail	C
69	2	E020697	Guide rails	C
70	2	A001359	Adjusting shoulder screw M10/12	C
71	2	E020699	Sliding bushes 12x14x15	C
72	2	A020700	Counter bearing	C
73	2	A020702	Link head bearing	C
74	2	A020703	Cylinder	C
75	1	E011981	Pressure ring	C
76	1	E010092	Contact element holder	C
77	1	A002431	Grid mother piece	C
78	1	E002491	Angle holder	C
79	7	A020675	Ball nob M10/Ø35	A
80	7	E020674	Locking pin	C
81	2	E001056	Bearing hub	C
82	2	E001057	Socket pins bearing	C
83	4	E020690	Belt roll spindle, down	C
84	14	A002039	Corrugating ball bearing 20x42x12	A
85	7	A020695	Corrugating ball bearing 15x42x13	A
86	7	E020689	Belt roll	C
87	14	A002647	Fusering DIN471 Ø20	C
88	14	A021537	Fusering DIN472 Ø42	C
89	4	E001123	Slide rail right	C
90	2	E020678	Slide rail middle	C
91	4	E001122	Slide rail left	C
92	8	A001284	Grid ring	C
93	8	E020069	Knurled head screw	C
94	6	A020696	Compression spring Ø16x25	C
95	6	E000758	Stop	C
96	6	E020681	Adjusting spindle M8	C

Replacement part list BS Multi 450 Servo / Servo plus

Pos.	Pcs.	Order number	Description	Cat.
97	2	E020679	Covering inflow	C
98	2	E020863	Covering outflow	C
99	4	E020762	Belt pulley	C
100	4	A020763	Round belt Ø6x240	A
101	2	E020765	Belt pulley	C
102	2	A020764	Round belt Ø6x270	A
103	4	E020772	Belt pulley	C
104	1	E020774	Belts middle	A
105	1	A020781	Double toothed belt	A
106	1	A020782	Double toothed belt	A
107	1	A021049	Servo motor 750W	C
108	1	A021051	Gear for 750W	C
109	1	E000215	Intermediate flange	C
110	1	E020704	Motor hub	C
111	1	E020766	Motor disc	C
112	1	E020767	Clamping discs	C
113	3	E020780	Clamping hub	C
114	1	E020769	Axle bolt	C
115	10	A020770	Corrugating ball bearing 15x32x9	C
116	2	A002584	Fusering DIN472 Ø32	C
117	1	E020768	Deflection discs	C
118	9	A020574	Fusering DIN471 Ø15	C
119	2	E020462	Clampings bolts	C
120	2	A000673	Rosta spanner	A
121	8	A020896	Corrugating ball bearing 12x28x8	C
122	2	A020577	Clamping panel	C
123	4	A020479	Fusering DIN471 Ø12	C
124	8	A020578	Fusering DIN472 Ø28	C
125	2	E020460	Binding bolts	C
126	2	E020777	Clamping panel	C
127	3	E020676	Slide bearing fixed	C
128	3	E020680	Slide bearing loose	C
129	3	E020691	Belt roll spindle, above	C
130	2	E011838	Socket pins bearing	C
131	2	E020673	Bearing hub	C
132	1	E020865	Base plates	C
133	1	E020792	Side plate, right	C
134	1	E020790	Side plate, middle	C
135	1	E020791	Side plate, left	C
136	1	E020793	Support plate	C
137	1	E020789	Base plates	C
138	1	E020800	Clamp sleeve	C
139	2	E020796	Guide block	C
140	3	A020812	Adjusting pinion	C
141	1	A020810	Adjusting pinion	C
142	1	E020804	Air diffusor for E-connector	C
143	1	E020799	Axle for switch display	C
144	1	E022846	Regulating shaft	C

Replacement part list BS Multi 450 Servo / Servo plus

Pos.	Pcs.	Order number	Description	Cat.
145	1	E022845	Adjusting pipe	C
146	1	A020817	Adjusting pinion	C
147	1	A020809	Adjusting pinion	C
148	1	A020808	Adjusting pinion	C
149	4	A020864	Adjusting ring Ø10/20x10	C
150	1	E020801	Adjusting wheel	C
151	1	E020802	Adjusting disc	C
152	2	E020813	Adjusting spindle	C
153	4	E020794	Axle for receiver	C
154	1	A002523	Adjusting ring Ø20/32x14	C
155	1	E020803	Locking screw	C
156	1	E020818	Adjusting screw	C
157	16	A020819	Spacing washer Ø10/16x1	C
158	1	E020795	Intermediate shaft	C
159	10	A020820	Sliding bushes	C
160	2	E020797	Guide rails	C
161	2	A001702	Pneumatic cylinder	A
162	2	A020821	Guide unit H	A
163	2	E020798	Receiving plate	C
164	1	A010489	Mechanical digital display	C
165	2	A021108	Round trapezoidal-threaded nut	C
166	2	E020543	Pick-up frame	C
167	2	E000451	Paper stop	C
168	1	E020648	Bridges	C
169	4	E000768	Column intake	C
170	3	E020642	Air connector	C
171	2	E020629	Bridges transducer	C
172	2	E020649	Mounting bar	C
173	8	E020644	Slot nuts	C
174	4	A020654	Guide column Ø40x280	C
175	1	E013220	Pressure bar	C
176	2	E020630	Pressure bar tappet	C
177	4	E020645	Slot nuts	C
178	2	E011995	Side coveringl (BSM 450)	C
179	1	E020652	Pressure bar covering	C
180	2	E020632	Connection, above	C
181	1	E020640	Air diffuser	C
182	2	E020641	Distance to air diffuser	C
183	4	A020872	Pneumatic screwing	A
184	4	A020873	Pneumatic piece connector	A
185	4	A020930	Pneumatic coupling	A
186	4	E011917	Column holder	C
187	1	E021199	Blade holder, above	C
188	1	E022354	Air diffuser, left	C
189	1	E011958	Covering bracket	C
190	1	E011959	Covering bracket short	C
191	4	A020540	Guide socket	C
192	1	E000764	Side part right	C

Replacement part list BS Multi 450 Servo / Servo plus

Pos.	Pcs.	Order number	Description	Cat.
193	1	E010093	Side part left	C
194	4	E020705	Mount	C
195	1	E022409	Support rail left	C
196	1	E020731	Support rail	C
197	2	E000498	Safety rail	C
198	4	E000482	Hinge holder	C
199	2	E000496	Protective holder	C
200	2	A020786	Gas spring	C
201	2	A020735	Adjusting ring Ø12	C
202	2	E020732	Support hub	C
203	2	E020727	Support block	C
204	2	E020728	Support wave	C
205	2	E020729	Support pipe	C
206	2	E020730	Support pipe clamp	C
207	2	E020726	Support bolts	C
208	2	E020713	Guide rails	C
209	2	A020708	Intermediate plate 1mm	C
210	2	E020707	Alingnment plate	C
211	1	E020693	Traverse	C
212	4	E000395	Roller lever below	C
213	4	E020709	Belt roller down	C
214	4	E020710	Rolling wheel hub	C
215	4	A020549	Fusering DIN472 Ø32	C
216	4	E020756	Roller protector behind	C
217	4	E020711	Sliding plate	C
218	4	E020712	Holding block	C
219	4	E020715	Slide rail	C
220	4	A020761	Flat belt 25x1800	A
221	1	E020716	Roller holder plate	C
222	2	E020717	Roller holder bearing	C
223	2	E020718	Roller holder - infeed	C
224	2	E020719	Eye bolt	C
225	2	A020785	Compression spring Ø16	C
226	2	E020721	Belt roller bolts (25.5)	C
227	2	A020722	Fusering DIN741 Ø8	C
228	2	A020724	Sprung M6	C
229	2	E020720	Axle bolt 35	C
230	2	A020725	Flat belt roller Ø42	C
231	2	A020723	Fusering DIN471 Ø10	C
232	2	A020760	Flat belt 25x1800	A
233	1	E022407	Roller holder plate left	C
234	1	A012821	Switch cabinet BSM 450 / 750	C
235	2	A011635	Hinge	C
236	1	E020636	Holding bracket f. switch cabinet	C
237	1	A040935	Stop bolts	C
238	1	E011841	Portective covering	C
239	11	E011969	Hoods screwing pieces	C
240	1	E011816	covering outfeed	C

Replacement part list BS Multi 450 Servo / Servo plus

Pos.	Pcs.	Order number	Description	Cat.
241	1	E000761	Tensioning slide	C
242	1	E011859	Column covering front	C
243	1	E011860	Column covering	C
244	1	E020975	Cable channel ring	C
245	2	E020974	Cable channel ring	C
246	1	E012363	Magnet distance	C
247	1	E022601	Back covering	C
248	1	E040102	Covering bracket	C
249	1	E040101	Safety sheet	C
250	1	E040722	Cable channel	C
251	1	B040720	Door user side	C
252	2	E021940	Window	C
253	4	E012082	Clamping plate	C
254	4	E011949	Holding piece	C
255	4	A011378	Hinge GN237-40-40	C
256	2	E011970	Spacing plate	C
257	2	E021264	Handle inflow	C
258	5	A021110	Confirmer for Sick i12	C
259	1	E011842	covering inflow	C
260	1	E011817	Portective covering inflow	C
261	4	E012058	Hoods screwing inlet	C
262	1	E011955	Valve covering inflow	C
263	1	E001268	Hole lattice	C
264	1	E040105	Safety covering front	C
265	1	E022608	Safety covering	C
266	2	A040286	Hinge 40-40	C
267	1	E000499	Protective plate	C
268	1	E011975	Plate covering front	C
269	1	E000549	Safety covering	C
270	1	E001571	Drive plate	C
271	1	E010297	Covering, front	C
272	1	E011974	Plate covering front	C
273	1	B020949	Inlet cover welded	C
274	2	E020973	Handle outflow	C
275	1	E020750	Inlet valve window	C
276	1	A012225	Recessed grip	C
277	1	E020967	Cylinder holder front above	C
278	4	B001689	Hinge GD ZN M6	C
279	1	A021113	Gas spring	C
280	1	E020966	Cylinder holder cover above	C
281	2	E010394	Level plate	C
282	1	B012076	Pull out protective hood	C
283	1	E020643	Tool shell	C
284	1	E011963	Viewing panel	C
285	1	B002427	Pull-out rails right	C
286	2	E012048	Base angle holder	C
287	1	B002426	Pull-out rails left	C
288	1	E012054	Holder for actuator	C

Replacement part list BS Multi 450 Servo / Servo plus

Pos.	Pcs.	Order number	Description	Cat.
289	2	E040730	Intermediate plate cover	C
290	2	A012224	Sloping bracket handle	C
291	1	A002432	Grid father piece	C
292	1	B040723	Door back side	C
293	2	E011971	Distance screw plate	C
294	1	B050029	Welded outlet hood	C
295	1	E020749	Outlet window	C
296	2	E011954	Hinge holder angle	C
297	1	E011653	Control panel foot	C
298	1	E011655	Control panel stand	C
299	1	A013697	Complete button	C
300	1	A013698	Switch control On / Off	C
301	1	A013699	Switch description holder	C
302	1	A012028	Emergency stop switch	C
303	1	A010913	Emergency stop sign	C
304	1	A040839	Signal lamp	C
305	1	E011996	Lamp holder	C
306	1	A013938	Display	C
307	1	E012079	Display front plate	C
308	1	E011991	Display casing	C