

Discontinued some variations

Electric actuator Ball screw drive Slider

ETS Multi-Axis Series

Combination parts: Cableveyor assembly

Sales of ETS-210A to 440A, ETS-530F, 640F, 760G, 870G discontinued.



How to order

ETS - 210 A - CABC 13 - X 030

A Combined axes	
210	ETS-06 × ETS-05
430	ETS-12 × ETS-10
440	ETS-12 × ETS-12
530	ETS-13 × ETS-10
640	ETS-14 × ETS-12
650	ETS-14 × ETS-13
760	ETS-17 × ETS-14
870	ETS-22 × ETS-17
880	ETS-22 × ETS-22

B Combination	
A	X-Y axes
G	X-Y axes with support guide
P	X-Z axes
F	Y-Z axes

D Axes related to part specifications	
X	X-axis
Y	Y-axis
Z	Z-axis

E D Axis stroke	
000 to 150	0 mm 1500 mm (In 50 mm increments)

C Combination direction	
00	Parts without combination direction restrictions
01	Combination direction 1 dedicated parts
02	Combination direction 2 dedicated parts
13	Combination directions 1/3 dedicated parts
14	Combination directions 1/4 dedicated parts
23	Combination directions 2/3 dedicated parts
24	Combination directions 2/4 dedicated parts

Single parts

ETS - TKP0450W78R75 30

B Link count	
01 to 99	1 link to 99 links

A Cableveyor (type)	
TKP0450W78R75	Cableveyor (internal size: 78 × 25) [external size: 98 × 36]
TKP0450W78R50	Cableveyor (internal size: 78 × 25) [external size: 98 × 36]
TKP0350W50R50	Cableveyor (internal size: 50 × 22) [external size: 62 × 30]

Discontinued some variations

Sales of ETS-210A to ETS-440A,
ETS-530F,640F discontinued.

ETS Multi-Axis Series

Combination parts: Cableveyor assembly

Combination table

			1st axis		2nd axis		Part
A Combined axes	B Combination	C Combination direction (Limited)	D Axes related to part specifications	E D Axis stroke	D Axes related to part specifications	E D Axis stroke	Cableveyor (Type)
ETS-210	A	13	X	100 to 800	-	-	TKP0350W50R50
		24					
		14	-	-	Y	50 to 350	TKP0350W50R50
		23					
ETS-430	A	13 *1	X	100 to 1050	-	-	TKP0350W50R50
		24 *1					
		14	-	-	Y	50 to 550	TKP0350W50R50
		23					
ETS-440	A	14	-	-	Y	50 to 550	TKP0350W50R50
		23					
ETS-650	A	13	X	100 to 1050	-	-	TKP0450W78R50
		24					
		14	-	-	Y	50 to 650	TKP0350W50R50
		23					
ETS-760	A	13 *3	X	100 to 1250	-	-	TKP0450W78R50
		24 *3					
		14	-	-	Y	50 to 650	TKP0350W50R50
		23					
ETS-870	A	13 *4	X	100 to 1500	-	-	TKP0450W78R75
		24 *4					
		14	-	-	Y	50 to 750	TKP0350W50R50
		23					
ETS-760	G	14	-	-	Y	200 to 850	TKP0350W50R50
		23					
ETS-870	G	14	-	-	Y	200 to 1050	TKP0350W50R50
		23					
ETS-650	P	01	X	100 to 1050	-	-	TKP0450W78R75
		02					
ETS-760	P	00 *2	-	-	Z	50 to 650	TKP0350W50R50
		01	X	100 to 1250	-	-	TKP0450W78R75
		02					
ETS-880	P	00	-	-	Z	50 to 950	TKP0350W50R50
		01	X	100 to 1500	-	-	TKP0450W78R75
		02					
ETS-530	F	00	Y	100 to 1050	-	-	TKP0350W50R50
ETS-640	F	00	Y	100 to 1050	-	-	TKP0350W50R50
ETS-760	F	00	Y	100 to 1250	-	-	TKP0350W50R50

*1 Common part with ETS-440A

*2 Common part with ETS-650P

*3 Common part with ETS-760G

*4 Common part with ETS-870G

Servo motor compatible

Stepper motor compatible

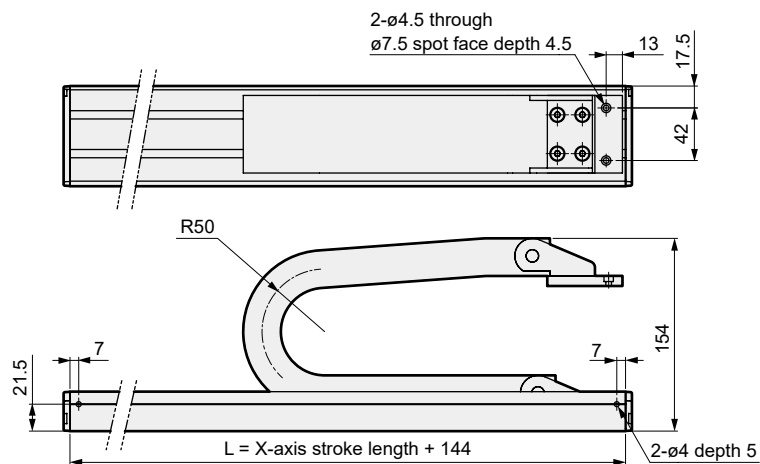
Safety
precautions

Discontinued some variations

ETS Multi-Axis Series

Cableveyor dimensions

● ETS-210A-CABC13-X/CABC24-X

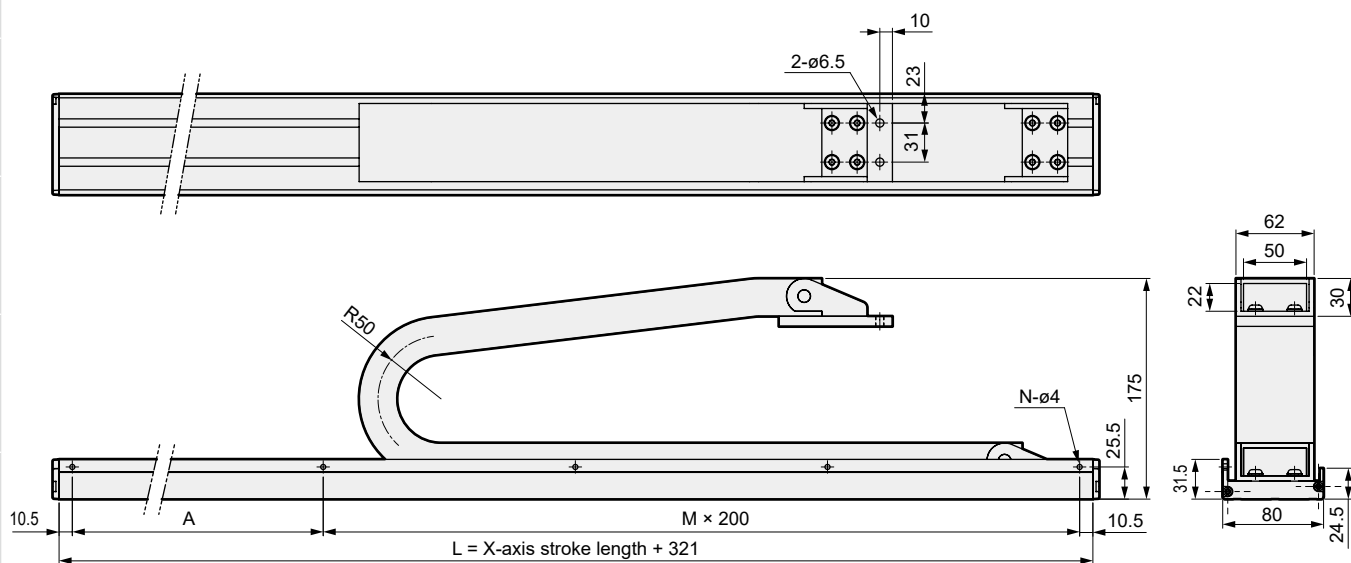


No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
A1/A3	85	50	35
A2/A4	125	50	35

A: Basic length R: Bending radius S: Link pitch

● ETS-430A-CABC13-X/CABC24-X



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
A1/A3	260	50	35
A2/A4	368	50	35

A: Basic length R: Bending radius S: Link pitch

X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	421	471	521	571	621	671	721	771	821	871	921	971	1021	1071	1121	1171	1221	1271	1321	1371
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6
N	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8

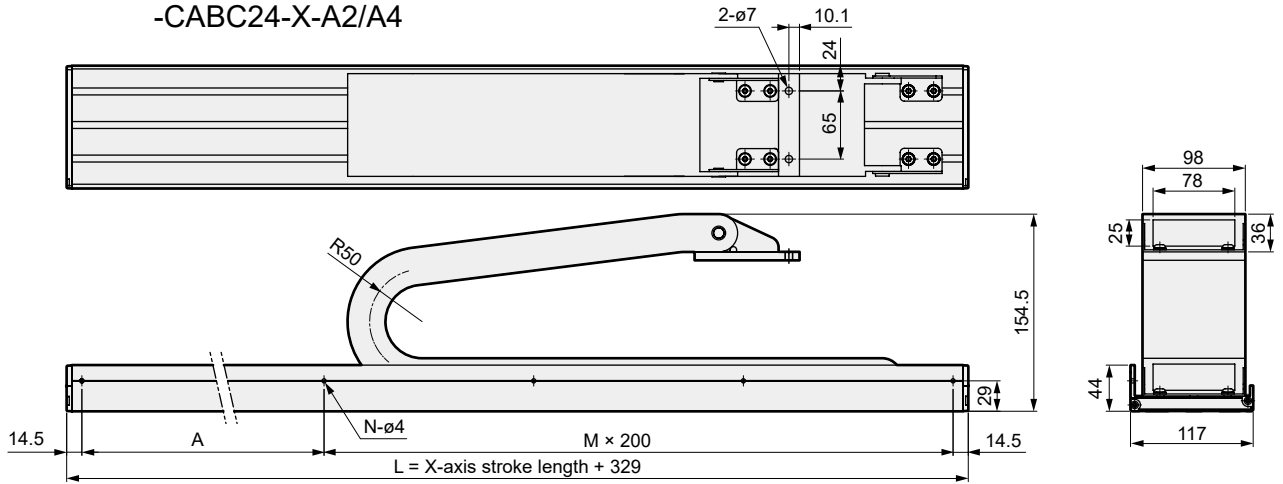
Discontinued some variations

ETS Multi-Axis Series

Combination parts: Cableveyor assembly

Cableveyor dimensions

● ETS-650A-CABC13-X-A1/A3 -CABC24-X-A2/A4



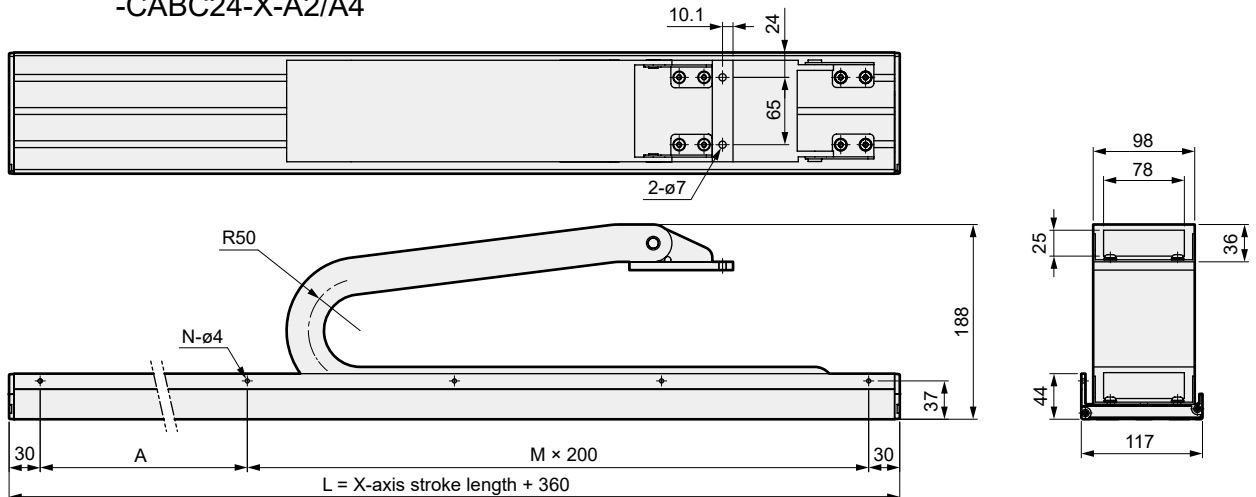
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
A1/A3	250	50	45
A2/A4	416	50	45

A: Basic length R: Bending radius S: Link pitch

X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	429	479	529	579	629	679	729	779	829	879	929	979	1029	1079	1129	1179	1229	1279	1329	1379
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
N	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8

● ETS-760A-CABC13-X-A1/A3 -CABC24-X-A2/A4



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
A1/A3	265	50	45
A2/A4	421	50	45

A: Basic length R: Bending radius S: Link pitch

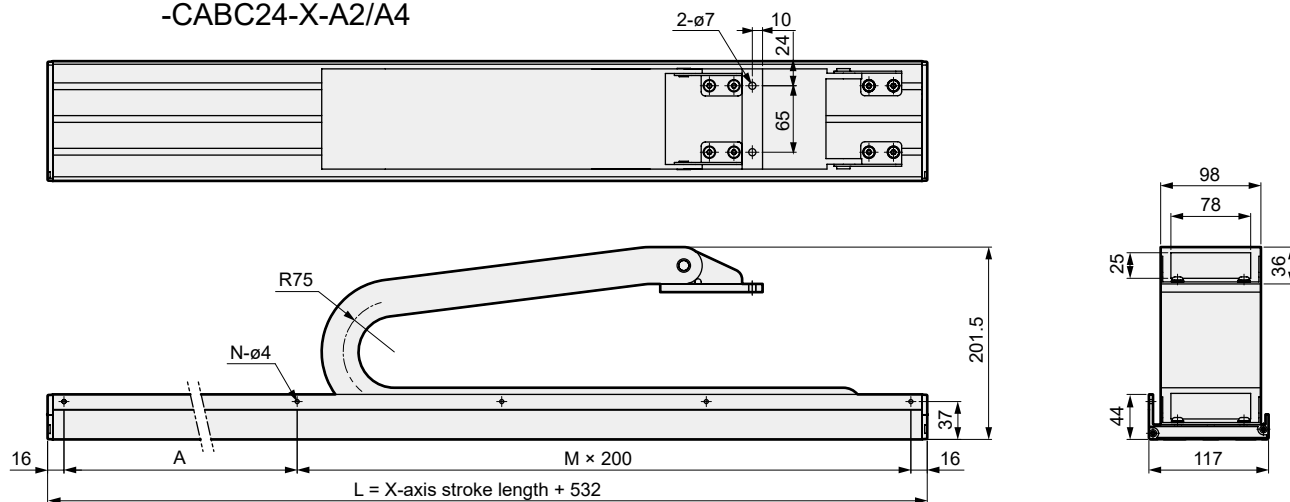
X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	460	510	560	610	660	710	760	810	860	910	960	1010	1060	1110	1160	1210	1260	1310	1360	1410	1460	1510	1560	1610
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7
N	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9

Discontinued some variations

ETS Multi-Axis Series

Cableveyor dimensions

● ETS-870A-CABC13-X-A1/A3 -CABC24-X-A2/A4



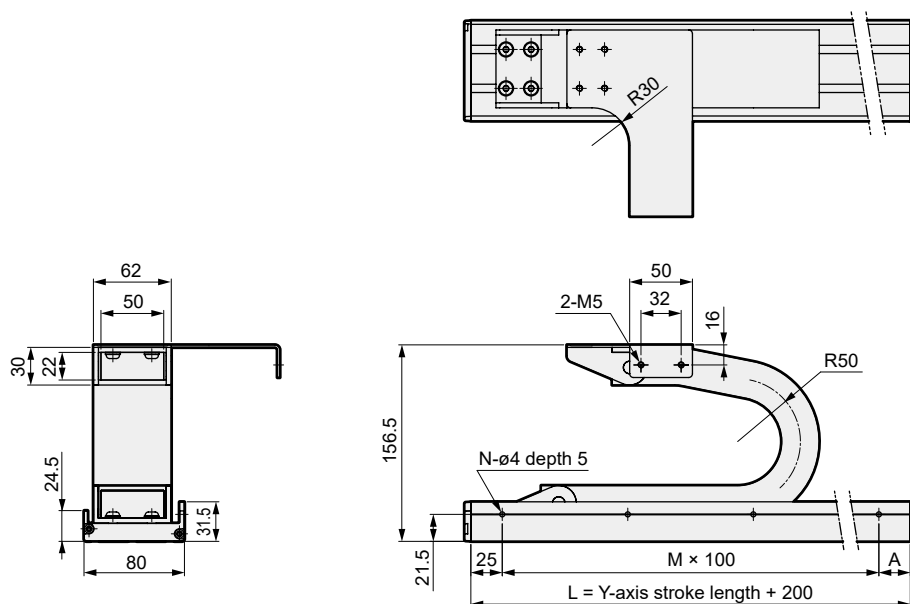
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
A1/A3	355	75	45
A2/A4	605	75	45

A: Basic length R: Bending radius S: Link pitch

X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
L	632	682	732	782	832	882	932	982	1032	1082	1132	1182	1232	1282	1332	1382	1432	1482	1532	1582	1632	1682	1732	1782	1832	1882	1932	1982	2032
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9
N	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11

● ETS-210A-CABC14-Y



Y-axis stroke (mm)	50	100	150	200	250	300	350
L	250	300	350	400	450	500	550
A	25	75	25	75	25	75	25
M	2	2	3	3	4	4	5
N	3	3	4	4	5	5	6

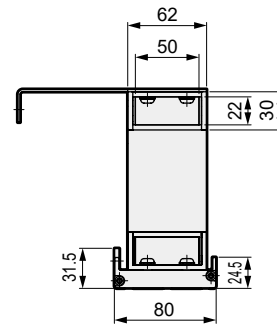
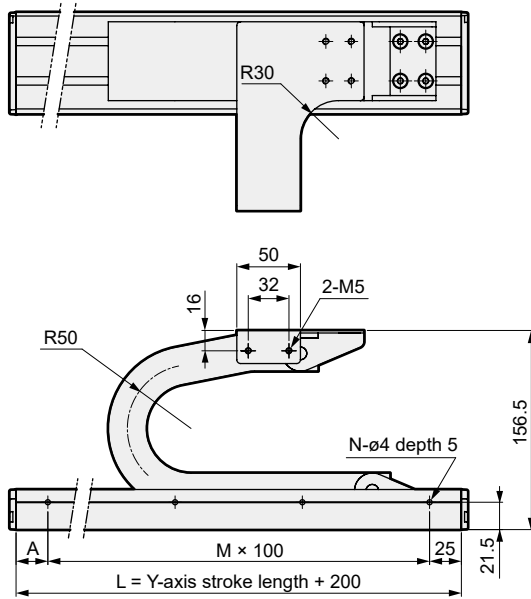
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Y Cableveyor			
Connection direction	A	R	S
A1/A4	85	50	35

A: Basic length R: Bending radius S: Link pitch

Cableveyor dimensions

● ETS-210A-CABC23-Y



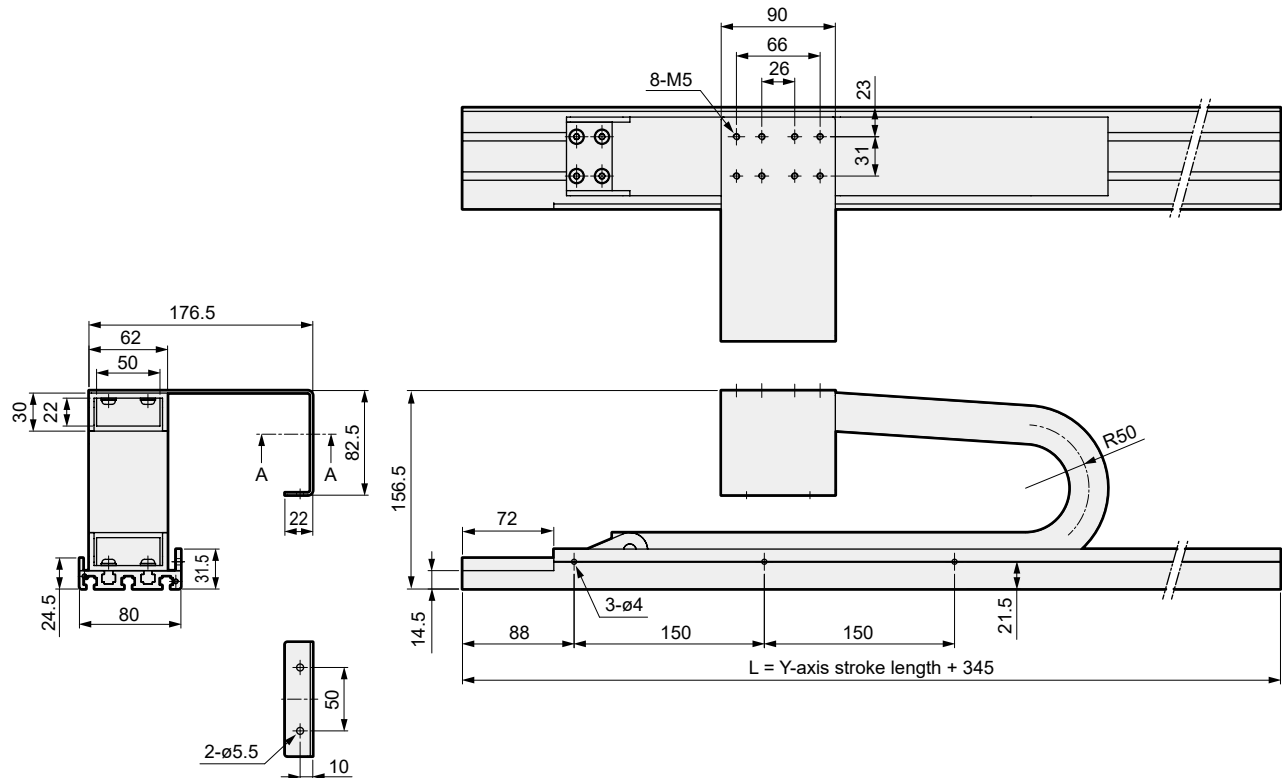
Y-axis stroke (mm)	50	100	150	200	250	300	350
L	250	300	350	400	450	500	550
A	25	75	25	75	25	75	25
M	2	2	3	3	4	4	5
N	3	3	4	4	5	5	6

No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Y Cableveyor			
Connection direction	A	R	S
A1/A3	105	50	35

A: Basic length R: Bending radius S: Link pitch

● ETS-430A-CABC14-Y



A-A cross section

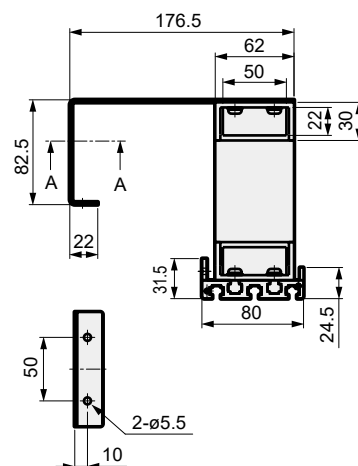
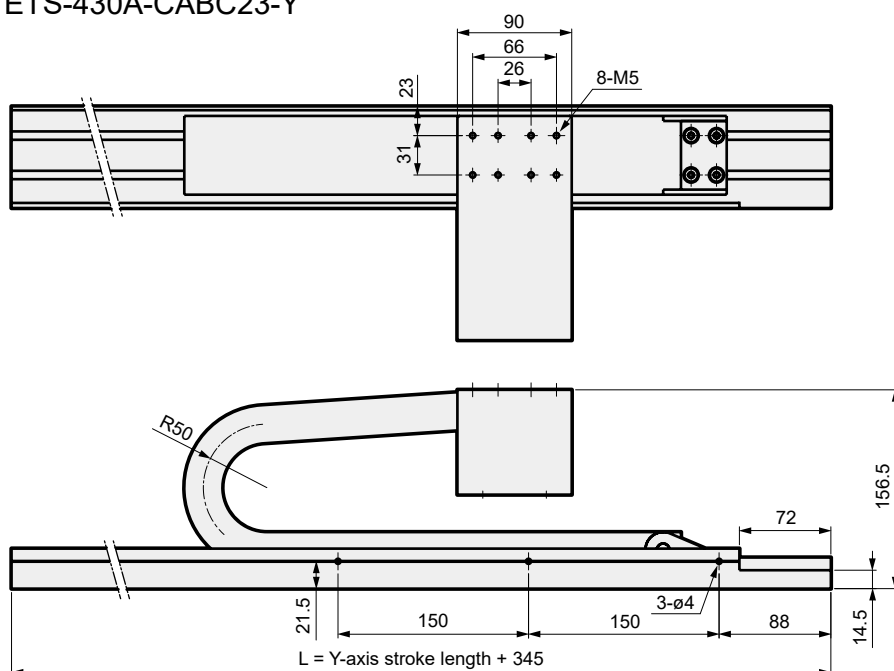
Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550
L	395	445	495	545	595	645	695	745	795	845	895

No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Y Cableveyor			
Connection direction	A	R	S
A1/A4	226	50	35

A: Basic length R: Bending radius S: Link pitch

● ETS-430A-CABC23-Y



A-A cross section

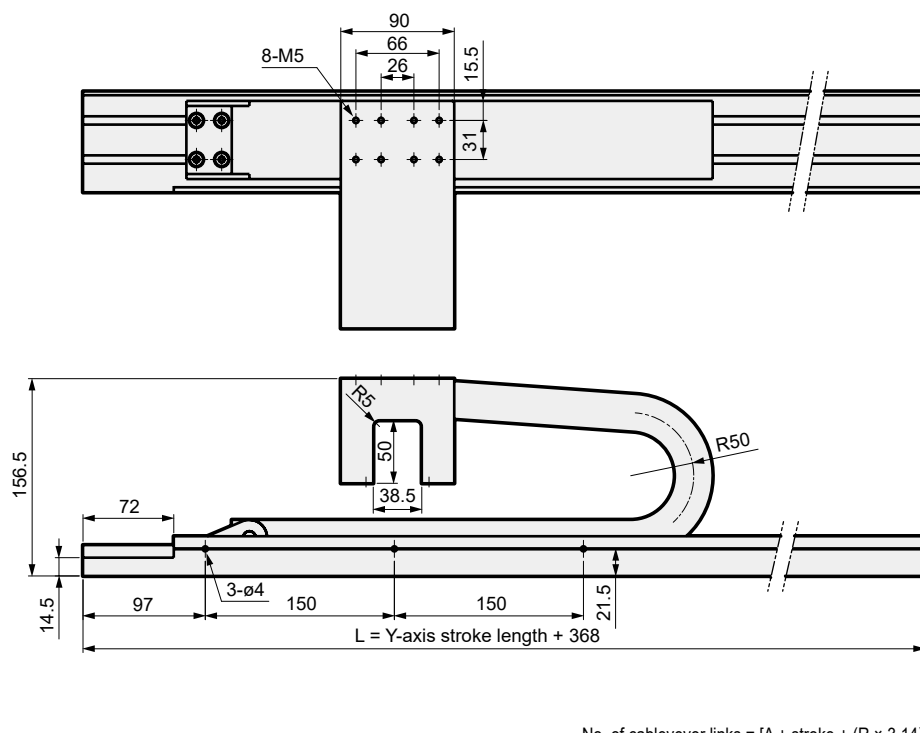
$$\text{No. of cableveyor links} = [A + \text{stroke} + (R \times 3.14)]/S$$

Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550
L	395	445	495	545	595	645	695	745	795	845	895

Y Cableveyor			
Connection direction	A	R	S
A2/A3	226	50	35

A: Basic length R: Bending radius S: Link pitch

● ETS-440A-CABC14-Y



A-A cross section

Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550
L	418	468	518	568	618	668	718	768	818	868	918

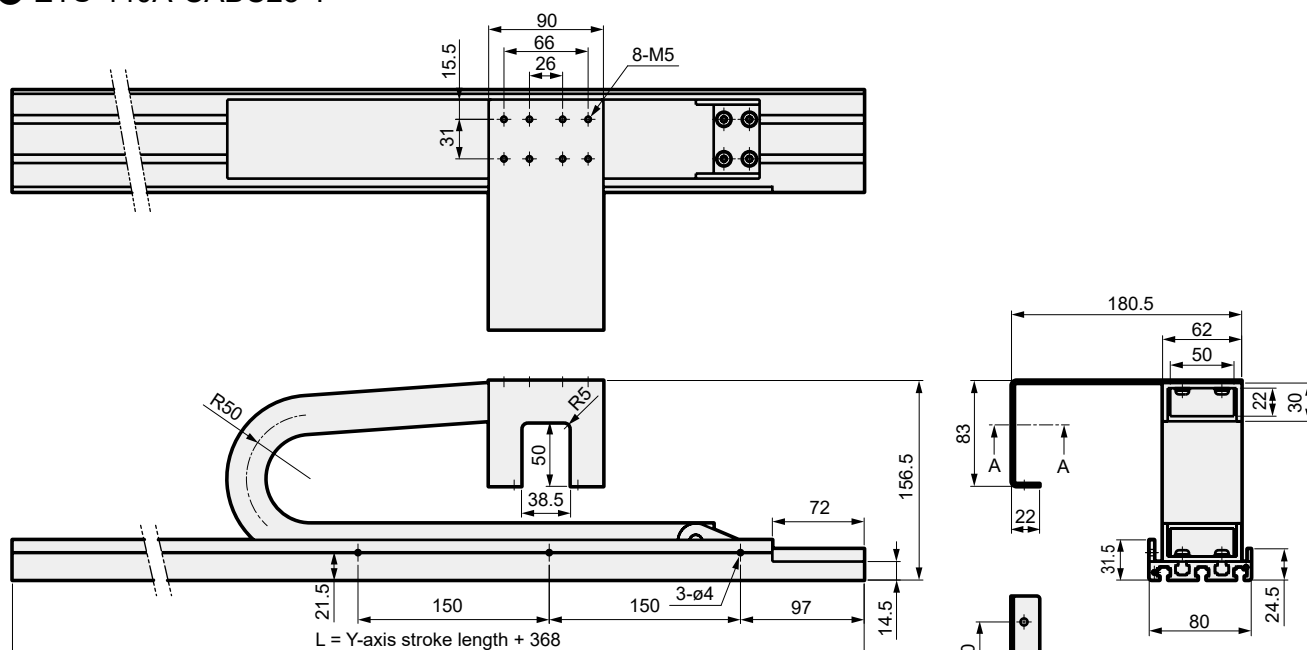
$$\text{No. of cableveyor links} = [A + \text{stroke} + (R \times 3.14)]/S$$

Y Cableveyor			
Connection direction	A	R	S
A1/A4	207	50	35

A: Basic length R: Bending radius S: Link pitch

Cableveyor dimensions

● ETS-440A-CABC23-Y



A-A cross section

No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

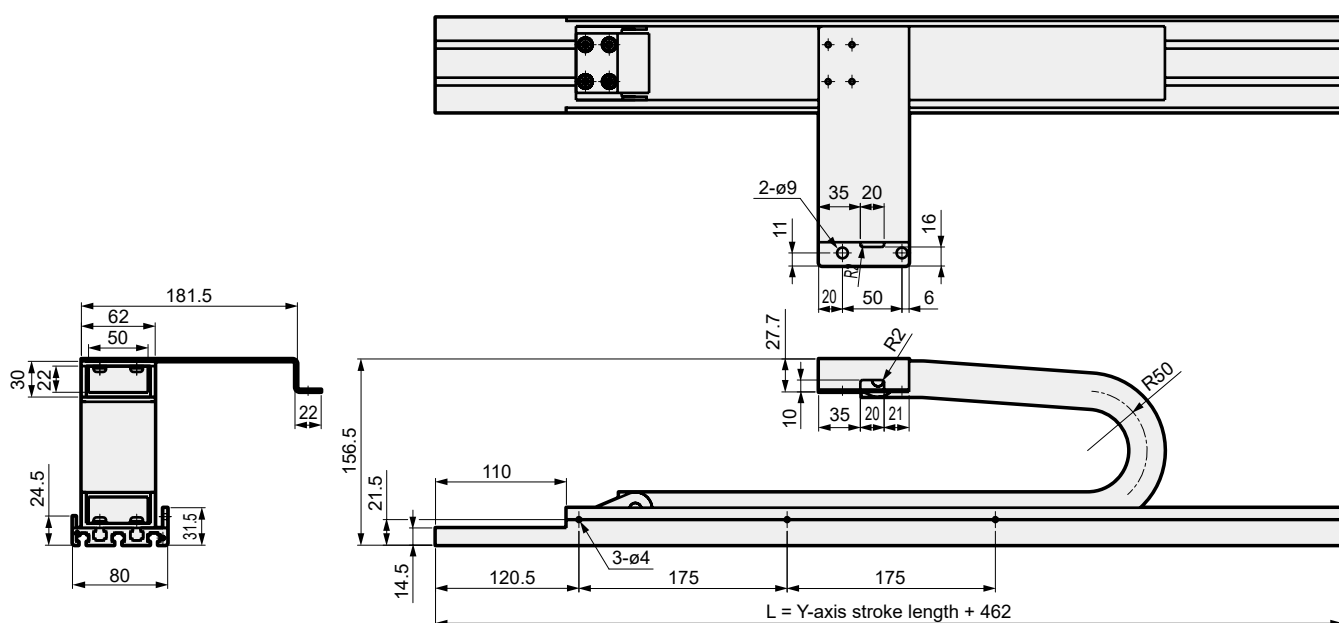
Y Cableveyor

Connection direction	A	R	S
A2/A3	207	50	35

A: Basic length R: Bending radius S: Link pitch

Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550
L	418	468	518	568	618	668	718	768	818	868	918

● ETS-650A-CABC14-Y



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Y Cableveyor

Connection direction	A	R	S
A1/A4	284	50	35

A: Basic length R: Bending radius S: Link pitch

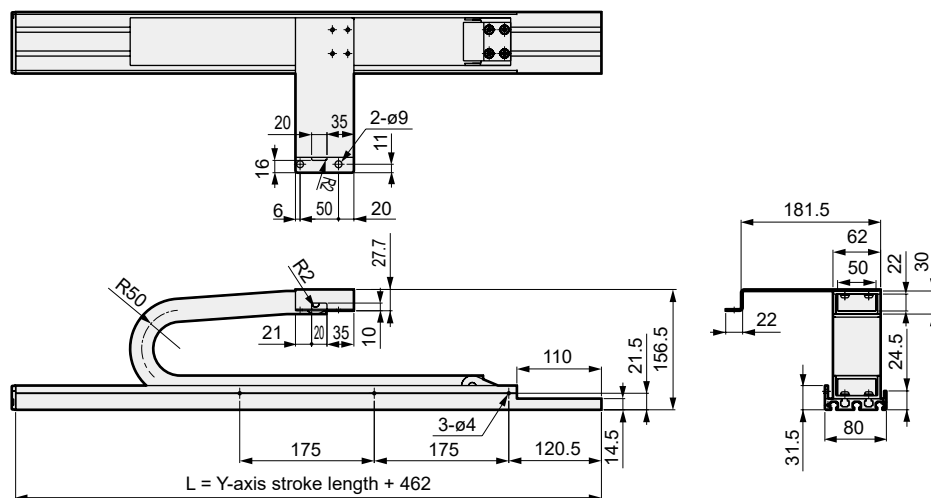
Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650
L	549	599	649	699	749	799	849	899	949	999	1049	1099	1149

Discontinued some variations

ETS Multi-Axis Series

Cableveyor dimensions

● ETS-650A-CABC23-Y



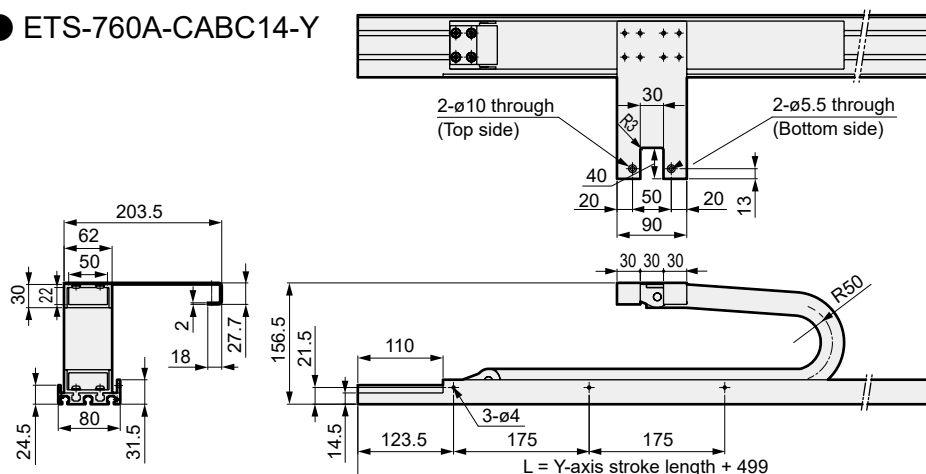
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Y Cableveyor			
Connection direction	A	R	S
A2/A3	284	50	35

A: Basic length R: Bending radius S: Link pitch

Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650
L	549	599	649	699	749	799	849	899	949	999	1049	1099	1149

● ETS-760A-CABC14-Y



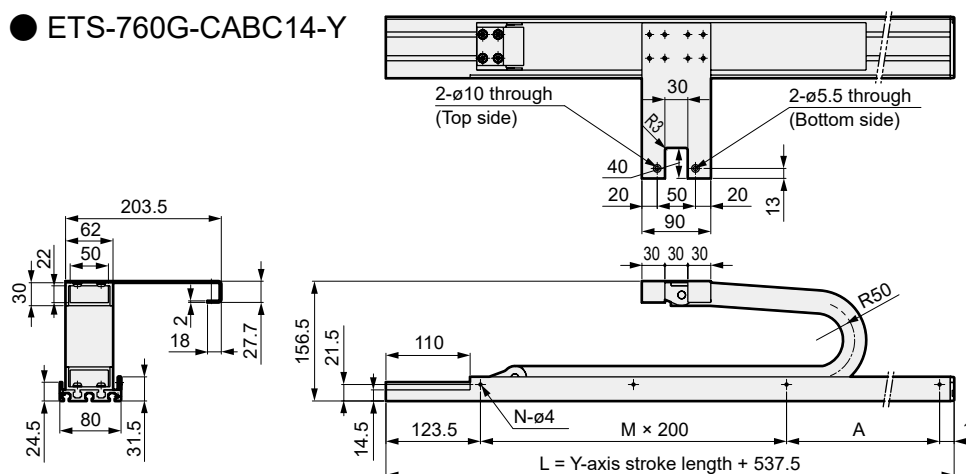
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Y Cableveyor			
Connection direction	A	R	S
A1/A4	298	50	35

A: Basic length R: Bending radius S: Link pitch

Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650
L	549	599	649	699	749	799	849	899	949	999	1049	1099	1149

● ETS-760G-CABC14-Y



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

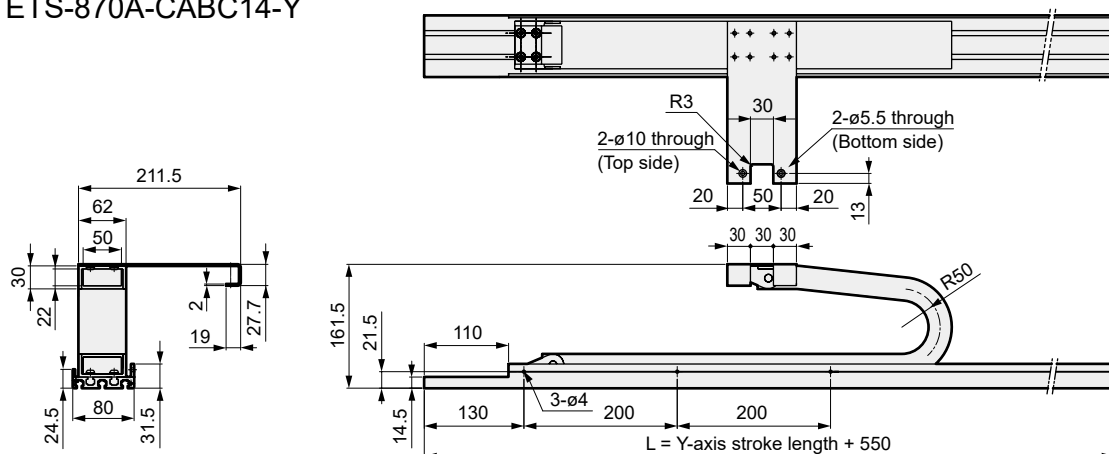
Y Cableveyor			
Connection direction	A	R	S
G1/G4	298	50	35

A: Basic length R: Bending radius S: Link pitch

Y-axis stroke (mm)	200	250	300	350	400	450	500	550	600	650	700	750	800	850
L	737.5	787.5	837.5	887.5	937.5	987.5	1037.5	1087.5	1137.5	1187.5	1237.5	1287.5	1337.5	1387.5
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50
M	2	3	3	3	3	4	4	4	4	5	5	5	5	6
N	4	5	5	5	5	6	6	6	6	7	7	7	7	8

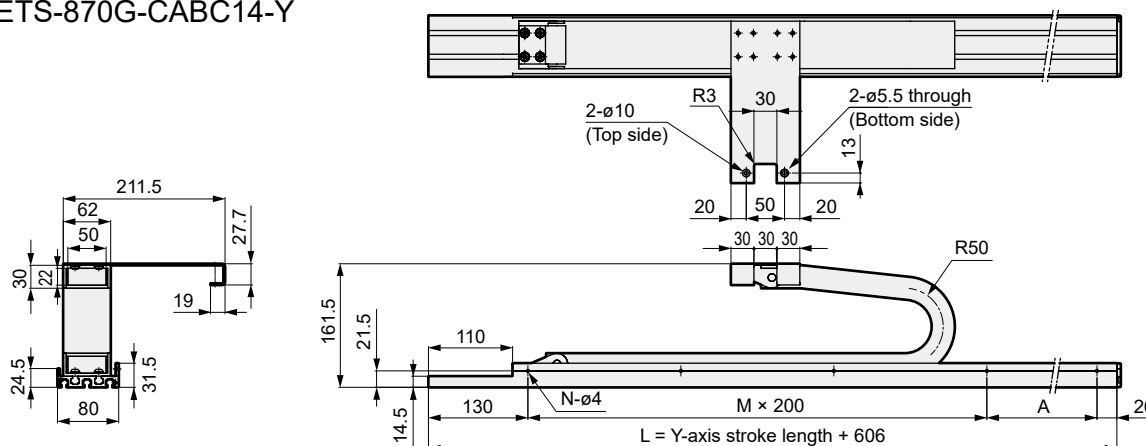
Cableveyor dimensions

● ETS-870A-CABC14-Y



Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750
L	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300

● ETS-870G-CABC14-Y



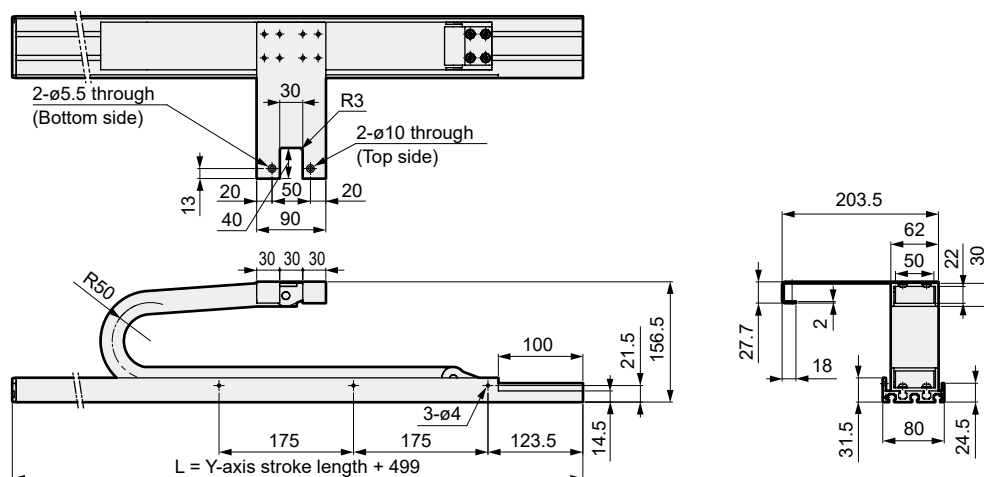
Y-axis stroke (mm)	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	806	856	906	956	1006	1056	1106	1156	1206	1256	1306	1356	1406	1456	1506	1556	1606	1656
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100
M	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7
N	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9

$$\text{No. of cableveyor links} = [A + \text{stroke} + (R \times 3.14)]/S$$

Y Cableveyor			
Connection direction	A	R	S
A1/A4/G1/G4	359	50	35

A: Basic length R: Bending radius S: Link pitch

● ETS-760A-CABC23-Y



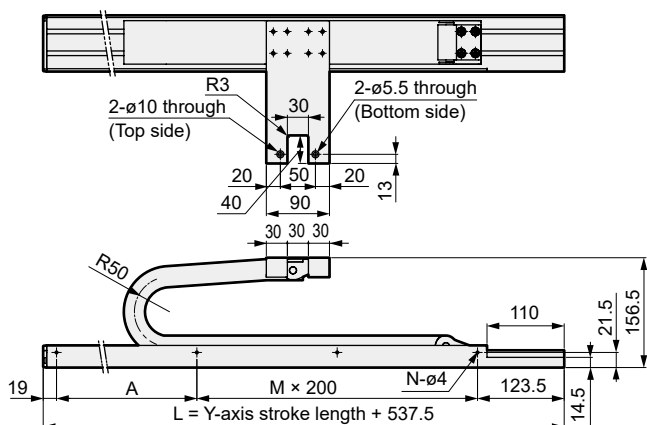
Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650
L	549	599	649	699	749	799	849	899	949	999	1049	1099	1149

Discontinued some variations

ETS Multi-Axis Series

Cableveyor dimensions

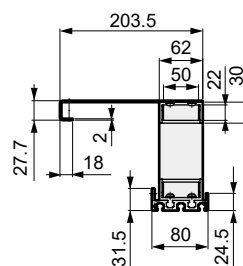
● ETS-760G-CABC23-Y



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

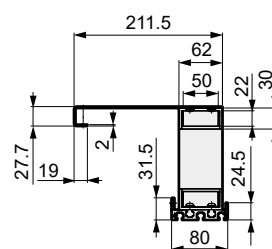
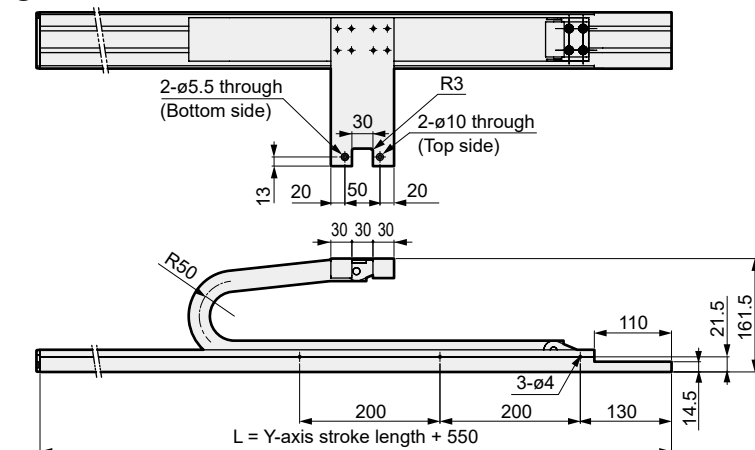
Y Cableveyor			
Connection direction	A	R	S
A1/A4/G1/G4	298	50	35

A: Basic length R: Bending radius S: Link pitch



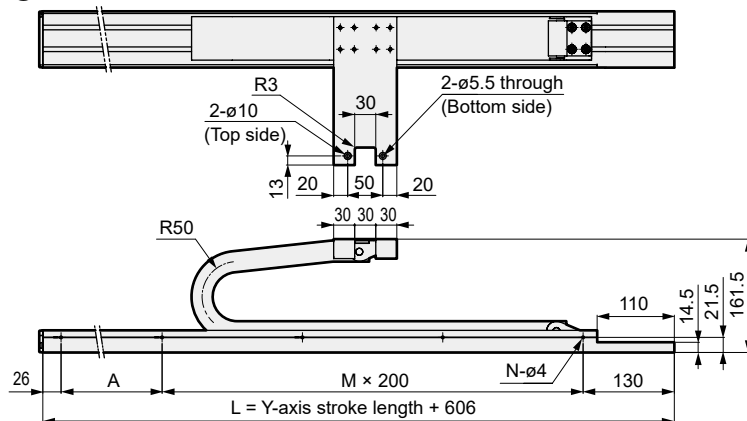
Y-axis stroke (mm)	200	250	300	350	400	450	500	550	600	650	700	750	800	850
L	737.5	787.5	837.5	887.5	937.5	987.5	1037.5	1087.5	1137.5	1187.5	1237.5	1287.5	1337.5	1387.5
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50
M	2	3	3	3	3	4	4	4	4	5	5	5	5	6
N	4	5	5	5	5	6	6	6	6	7	7	7	7	8

● ETS-870A-CABC23-Y



Y-axis stroke (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750
L	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300

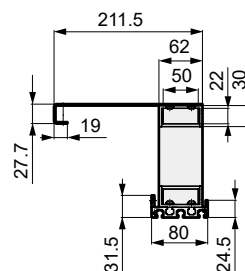
● ETS-870G-CABC23-Y



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Y Cableveyor			
Connection direction	A	R	S
A2/A3/G2/G3	359	50	35

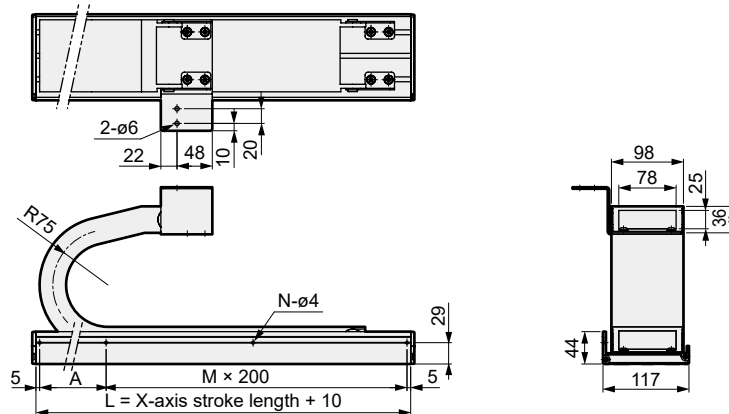
A: Basic length R: Bending radius S: Link pitch



Y-axis stroke (mm)	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	806	856	906	956	1006	1056	1106	1156	1206	1256	1306	1356	1406	1456	1506	1556	1606	1656
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100
M	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7
N	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9

Cableveyor dimensions

● ETS-650P-CABC01-X

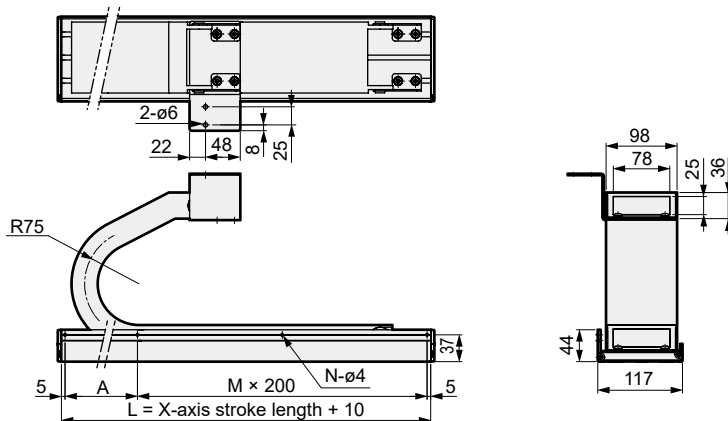
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
P1	202	75	45

A: Basic length R: Bending radius S: Link pitch

X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	310	335	360	385	410	435	460	485	510	535	560	585	610	635	660	685	710	735	760	785
A	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50
M	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5
N	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7

● ETS-760P-CABC01-X

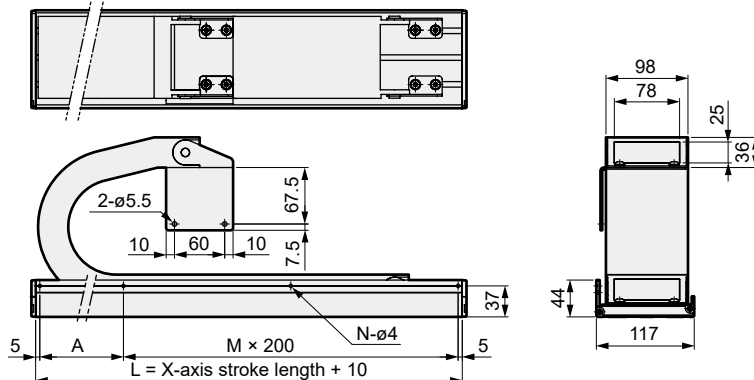
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
P1	209	75	45

A: Basic length R: Bending radius S: Link pitch

X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	310	335	360	385	410	435	460	485	510	535	560	585	610	635	660	685	710	735	760	785	810	835	860	885
A	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50
M	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6
N	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8

● ETS-880P-CABC01-X

No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
P1	202	75	45

A: Basic length R: Bending radius S: Link pitch

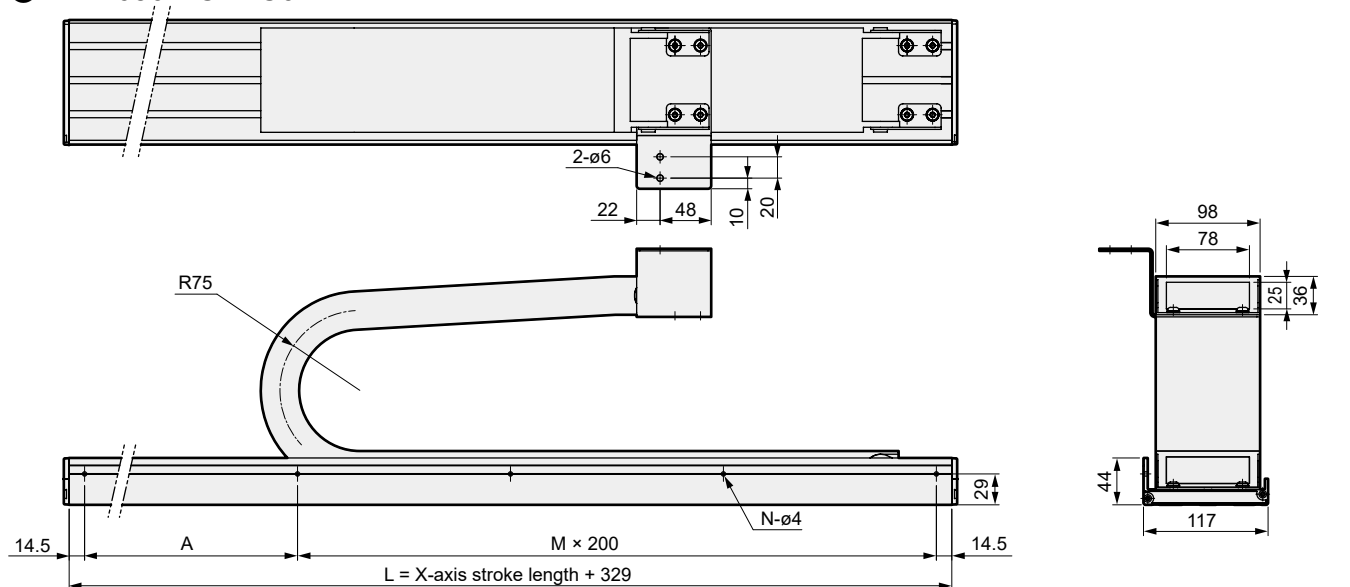
X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
L	310	335	360	385	410	435	460	485	510	535	560	585	610	635	660	685	710	735	760	785	810	835	860	885	910	935	960	985	1010
A	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100
M	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7
N	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9

Discontinued some variations

ETS Multi-Axis Series

Cableveyor dimensions

● ETS-650P-CABC02-X



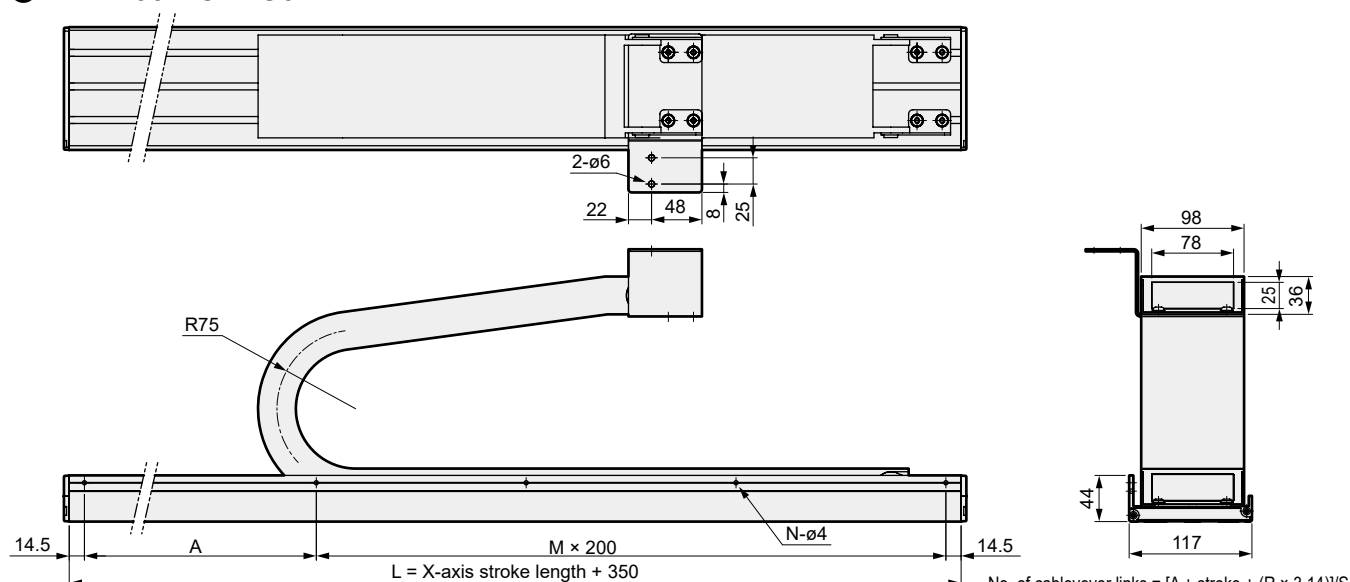
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
P2	296	75	45

A: Basic length R: Bending radius S: Link pitch

X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	429	479	529	579	629	679	729	779	829	879	929	979	1029	1079	1129	1179	1229	1279	1329	1379
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
N	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8

● ETS-760P-CABC02-X



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

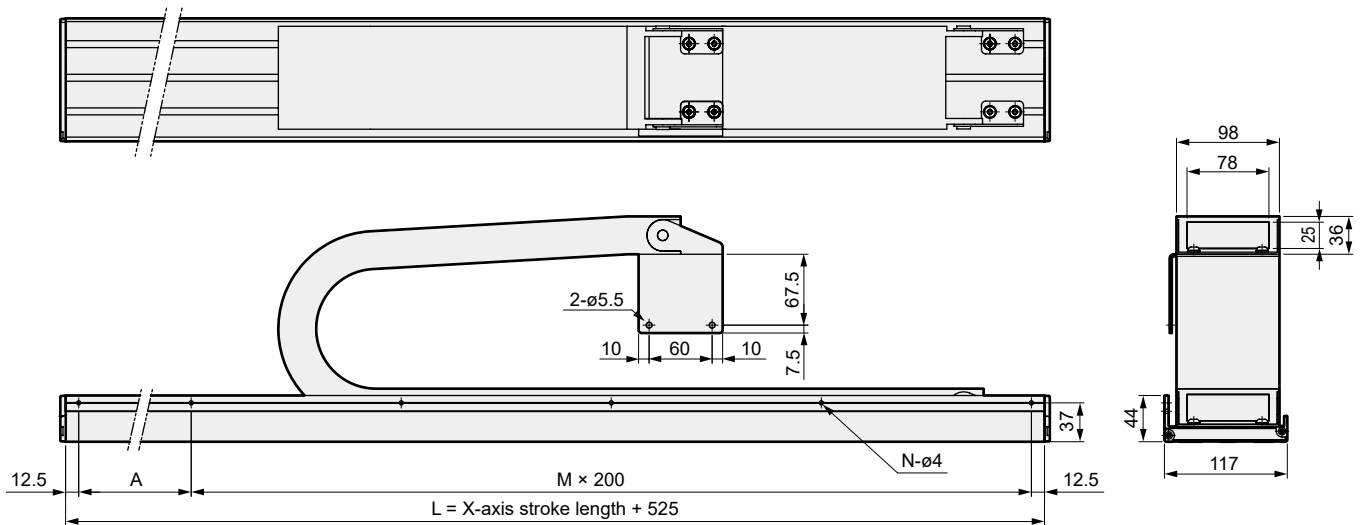
X Cableveyor			
Connection direction	A	R	S
P2	317	75	45

A: Basic length R: Bending radius S: Link pitch

X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7
N	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9

Cableveyor dimensions

● ETS-880P-CABC02-X



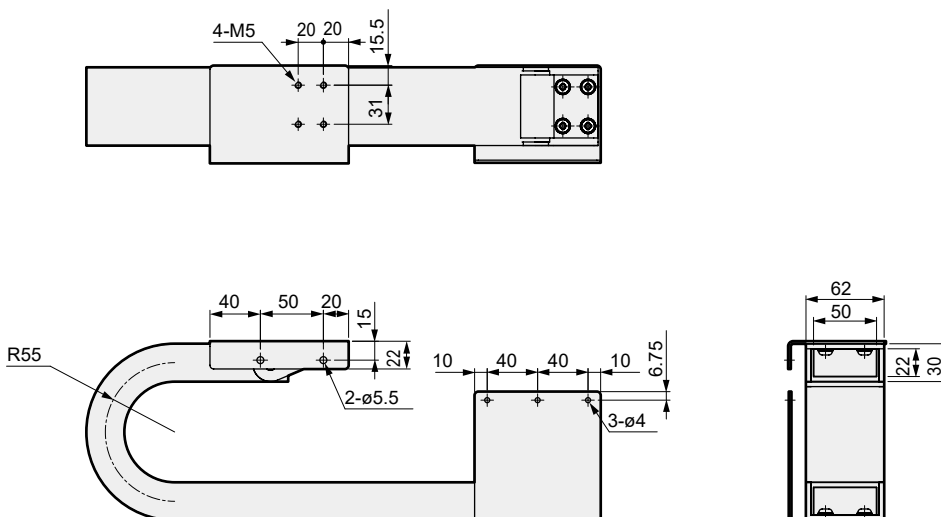
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

X Cableveyor			
Connection direction	A	R	S
P1/P2	368	75	45

A: Basic length R: Bending radius S: Link pitch

X-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
L	625	675	725	775	825	875	925	975	1025	1075	1125	1175	1225	1275	1325	1375	1425	1475	1525	1575	1625	1675	1725	1775	1825	1875	1925	1975	2025
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9
N	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11

● ETS-650P/760P-CABC00-Z



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Z Cableveyor			
Connection direction	A	R	S
F1/F3	100	50	35

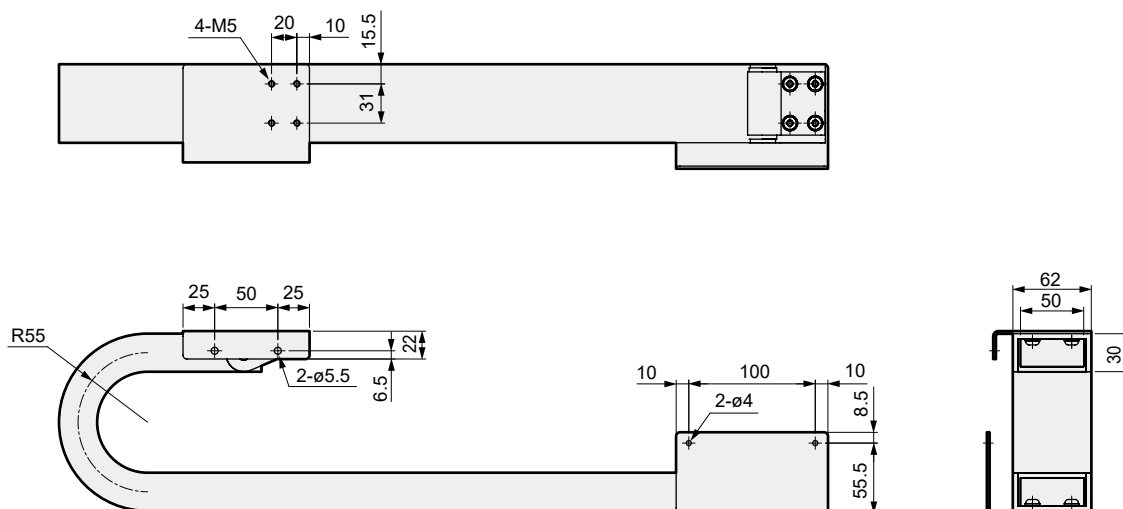
A: Basic length R: Bending radius S: Link pitch

Discontinued some variations

ETS Multi-Axis Series

Cableveyor dimensions

● ETS-880P-CABC00-Z

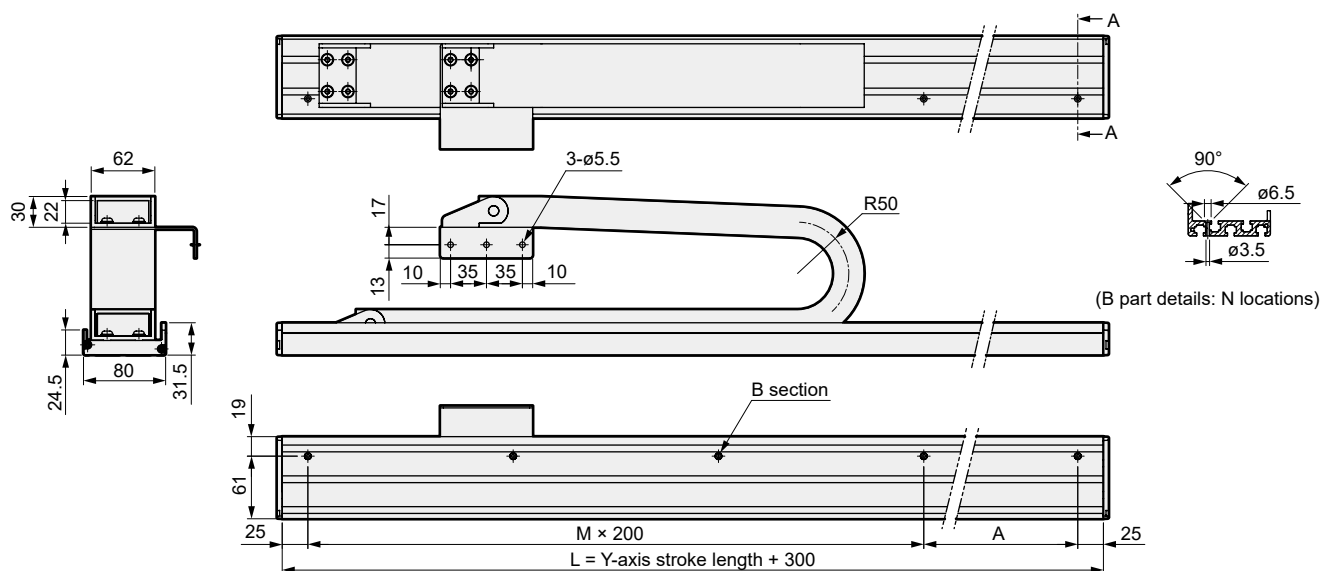


No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Z Cableveyor			
Connection direction	A	R	S
P1/P2	250	50	35

A: Basic length R: Bending radius S: Link pitch

● ETS-530F-CABC00-Y



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

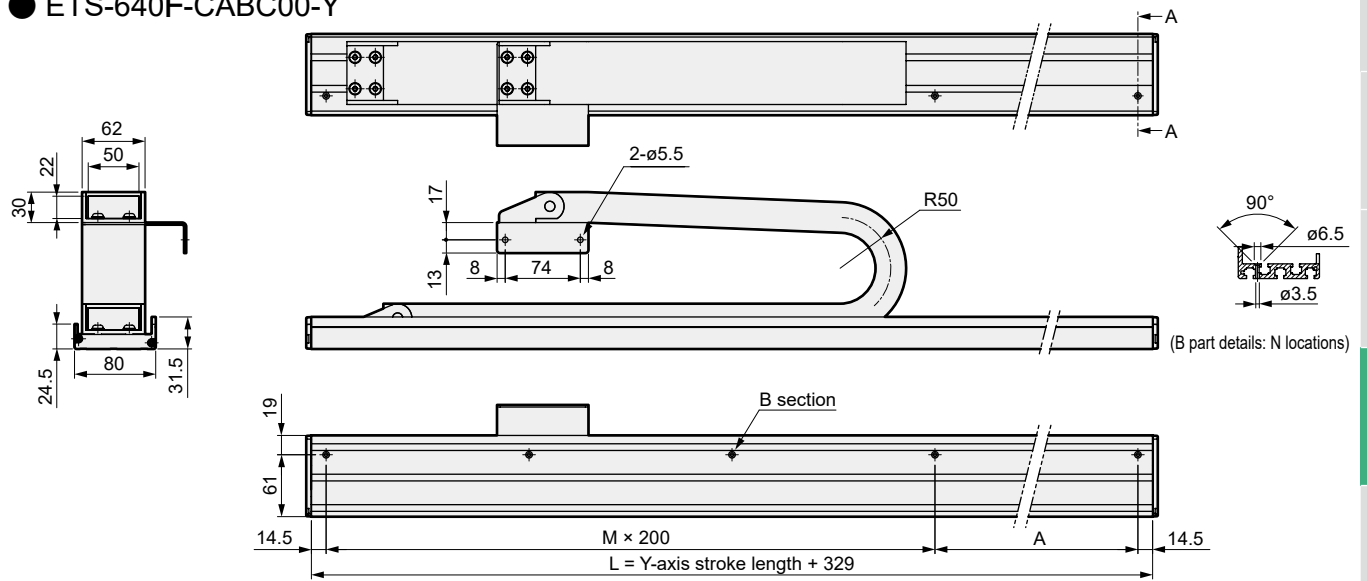
Y Cableveyor			
Connection direction	A	R	S
F1/F3	240	50	35

A: Basic length R: Bending radius S: Link pitch

Y-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100
M	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6
N	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8

Cableveyor dimensions

● ETS-640F-CABC00-Y



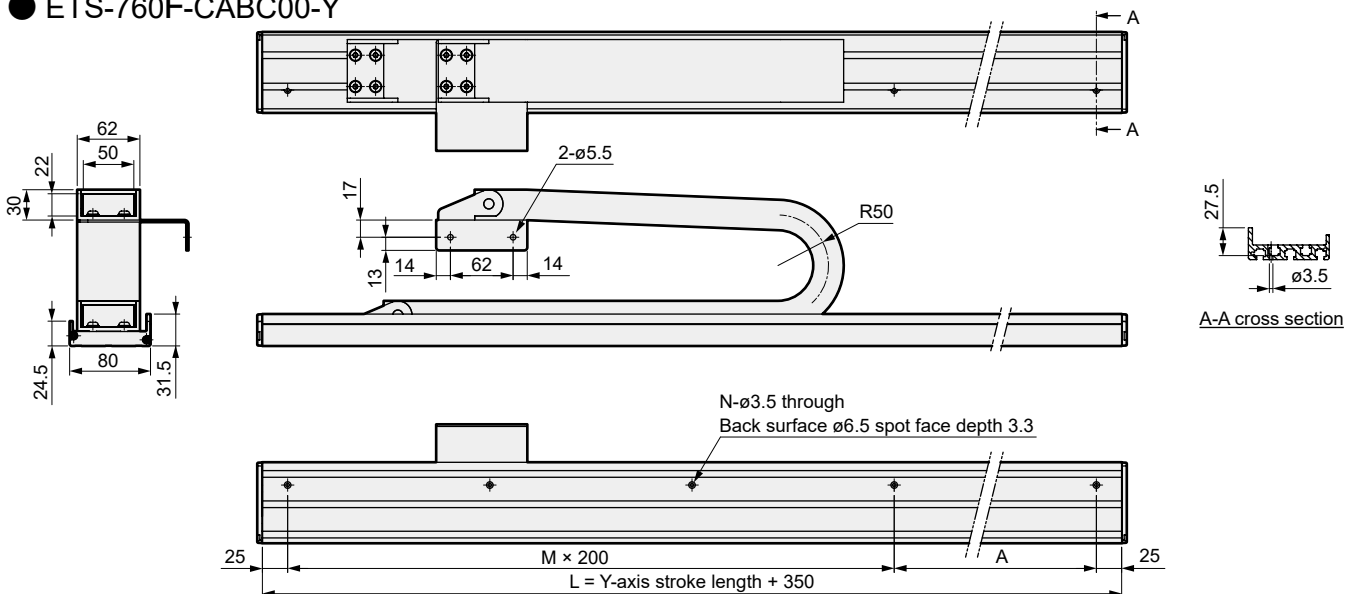
No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Y Cableveyor			
Connection direction	A	R	S
F1/F3	250	50	35

A: Basic length R: Bending radius S: Link pitch

Y-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	429	479	529	579	629	679	729	779	829	879	929	979	1029	1079	1129	1179	1229	1279	1329	1379
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
N	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8

● ETS-760F-CABC00-Y



No. of cableveyor links = $[A + \text{stroke} + (R \times 3.14)]/S$

Y Cableveyor			
Connection direction	A	R	S
F1/F3	190	50	35

A: Basic length R: Bending radius S: Link pitch

Y-axis stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
N	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8

Discontinued some variations

Electric actuator Ball screw drive Slider

ETS Multi-Axis Series

Combination parts: Axis combination bracket

Sales of ETS-210A to 440A, ETS-530F, 640F, 760G, 870G discontinued.



How to order

ETS - 210 A - BKTC 14 - Y 030

A Combined axes	
210	ETS-06 × ETS-05
430	ETS-12 × ETS-10
440	ETS-12 × ETS-12
530	ETS-13 × ETS-10
640	ETS-14 × ETS-12
650	ETS-14 × ETS-13
760	ETS-17 × ETS-14
870	ETS-22 × ETS-17
880	ETS-22 × ETS-22

D Axes related to part specifications	
Y	Y-axis
Z	Z-axis

E D Axis stroke	
000 to 150	0 mm (In 50 mm increments) 1500 mm

C Combination direction	
00	Parts without combination direction restrictions
13	Combination directions 1/3 dedicated parts
14	Combination directions 1/4 dedicated parts
23	Combination directions 2/3 dedicated parts

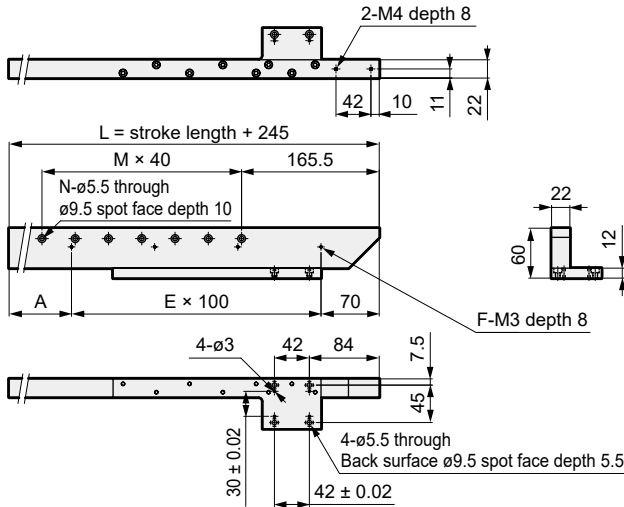
B Combination	
A	X-Y axes
G	X-Y axes with support guide
P	X-Z axes
F	Y-Z axes

Combination table

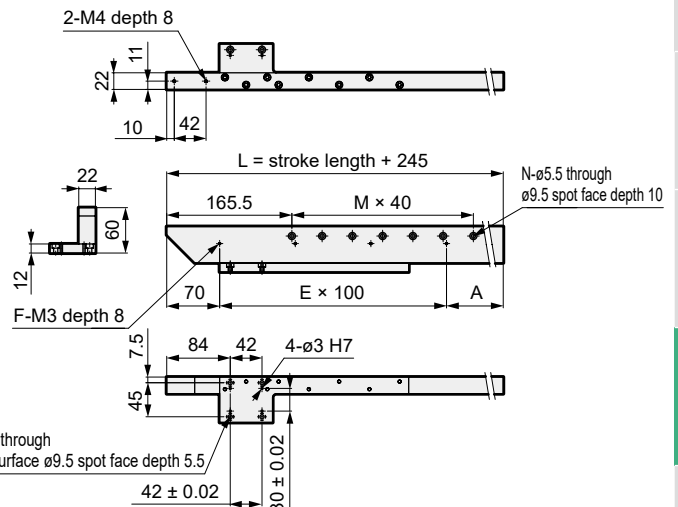
A Combined axes	B Combination	C Combination direction (restrictions)	D Axes related to part specifications	E D Axis stroke
ETS-210	A	14	Y	50 to 350
ETS-430	A	14	Y	000
ETS-440	A	14	Y	000
ETS-650	A	14	Y	000
ETS-760	A	14	Y	000
ETS-870	A	14	Y	000
ETS-760	G	14	Y	200 to 850
ETS-870	G	14	Y	200 to 1050
ETS-650	P	00	Z	000
ETS-760	P	00	Z	000
ETS-880	P	00	Z	000
ETS-530	F	00	Z	000
ETS-640	F	00	Z	000
ETS-760	F	00	Z	000

Bracket dimensions

● ETS-210A-BKTC14-Y***

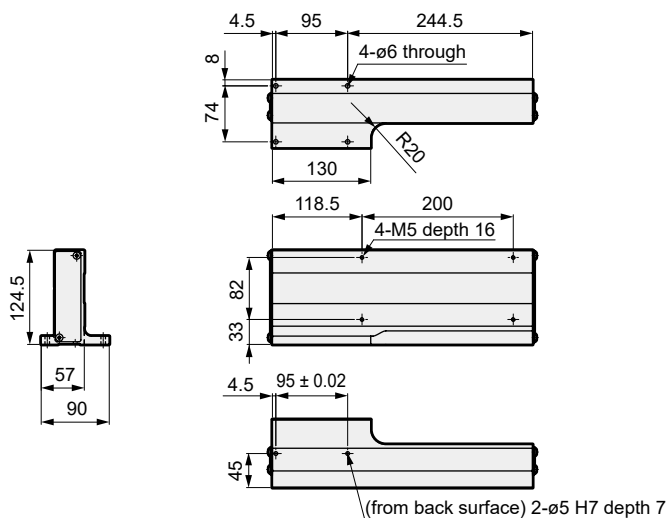


● ETS-210A-BKTC23-Y***

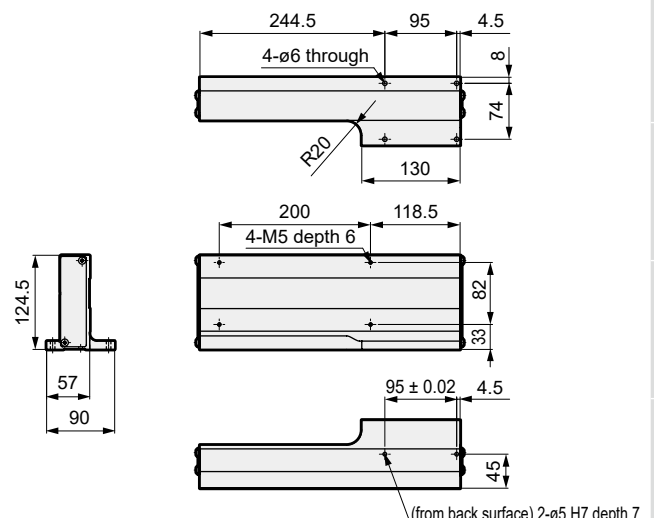


Stroke (mm)	50	100	150	200	250	300	350
L	295	345	395	445	495	545	595
A	25	75	25	75	25	75	25
M	2	4	5	6	7	9	10
N	3	5	6	7	9	10	11
E	2	2	3	3	4	4	5
F	3	3	4	4	5	5	6

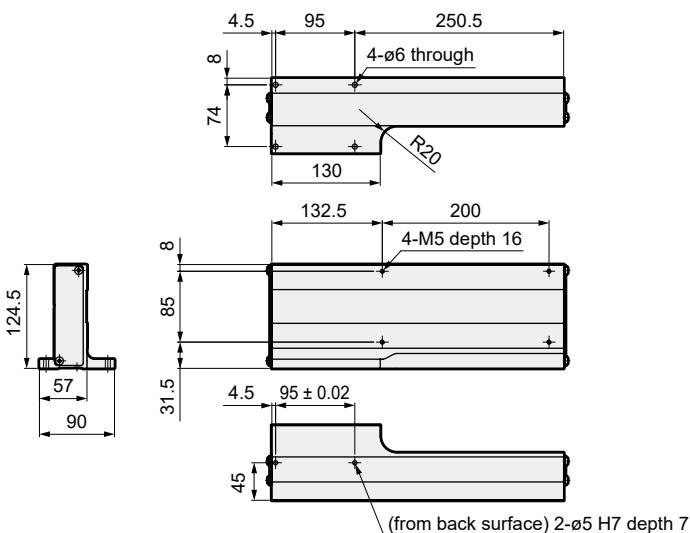
● ETS-430A-BKTC14-Y000



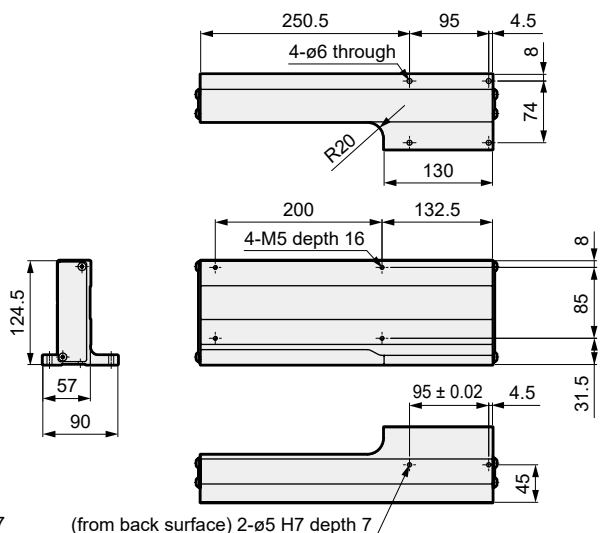
● ETS-430A-BKTC23-Y000



● ETS-440A-BKTC14-Y000



● ETS-440A-BKTC23-Y000

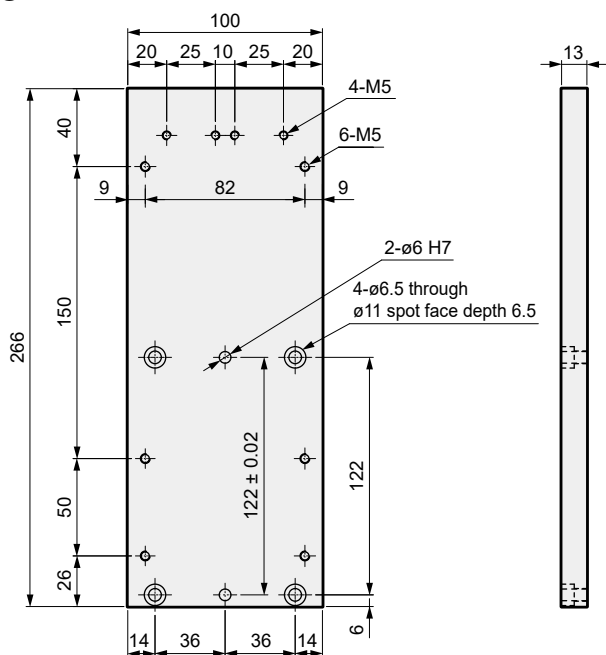


Discontinued some variations

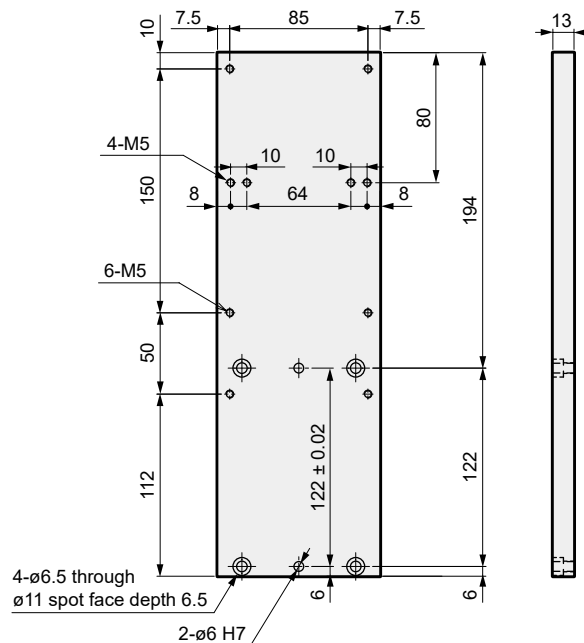
ETS Multi-Axis Series

Bracket dimensions

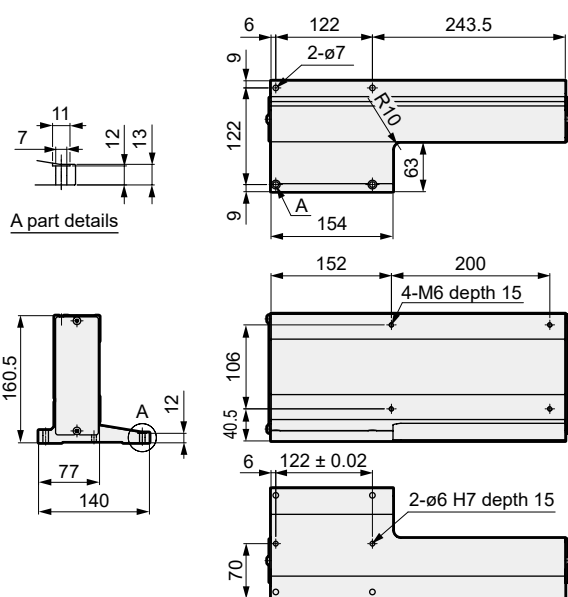
● ETS-530F-BKTC00-Z000



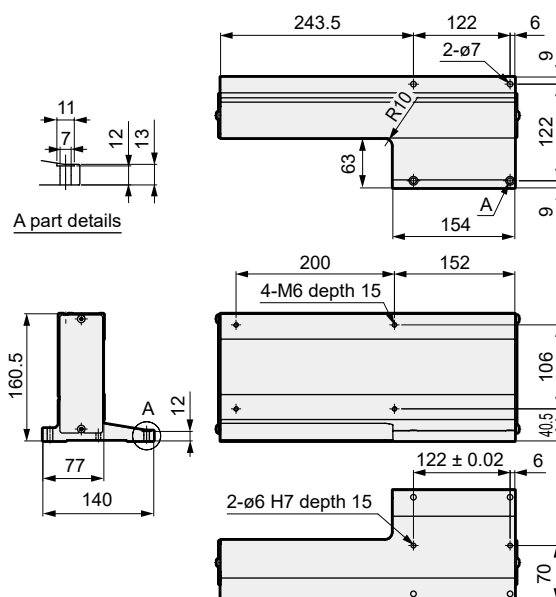
● ETS-640F-BKTC00-Z000



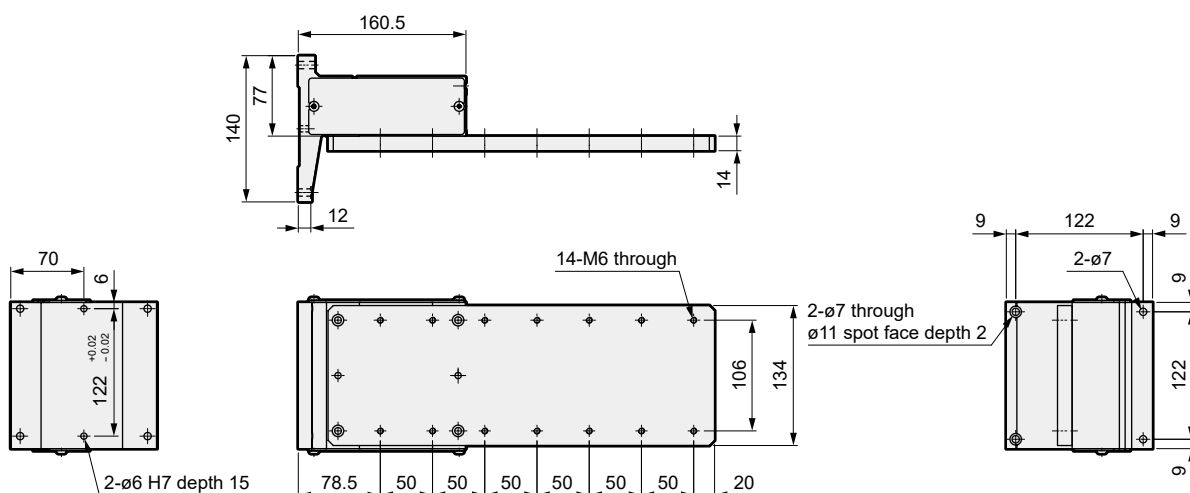
● ETS-650A-BKTC14-Y000



● ETS-650A-BKTC23-Y000



● ETS-650P-BKTC00-Z000



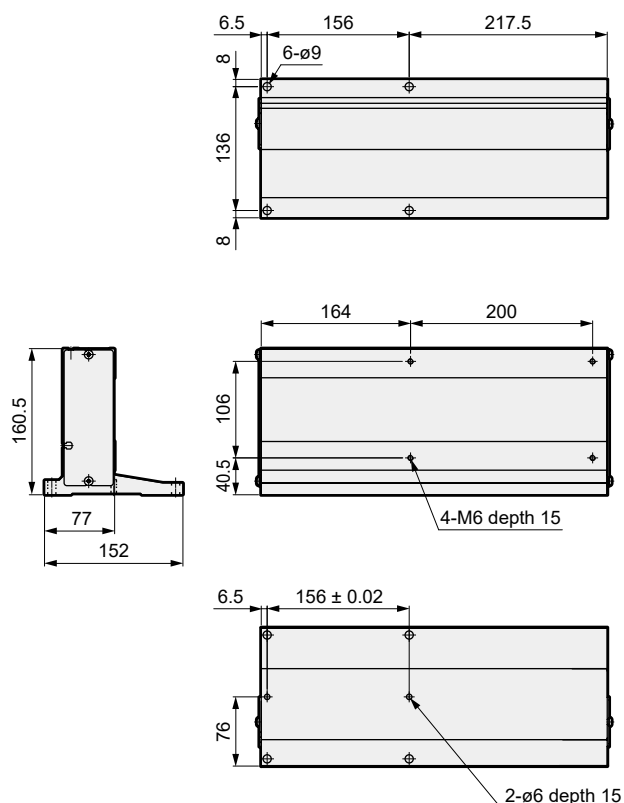
Discontinued some variations

ETS Multi-Axis Series

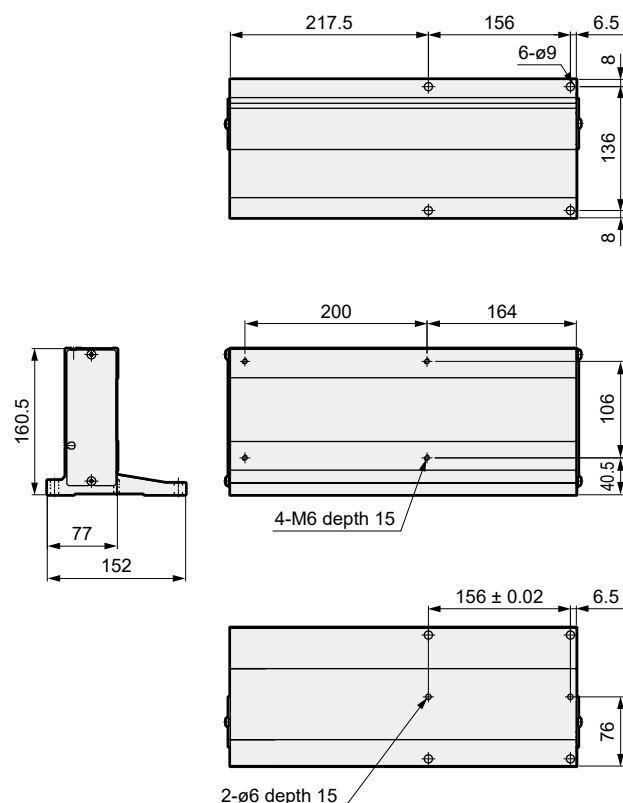
Combination parts: Bracket

Bracket dimensions

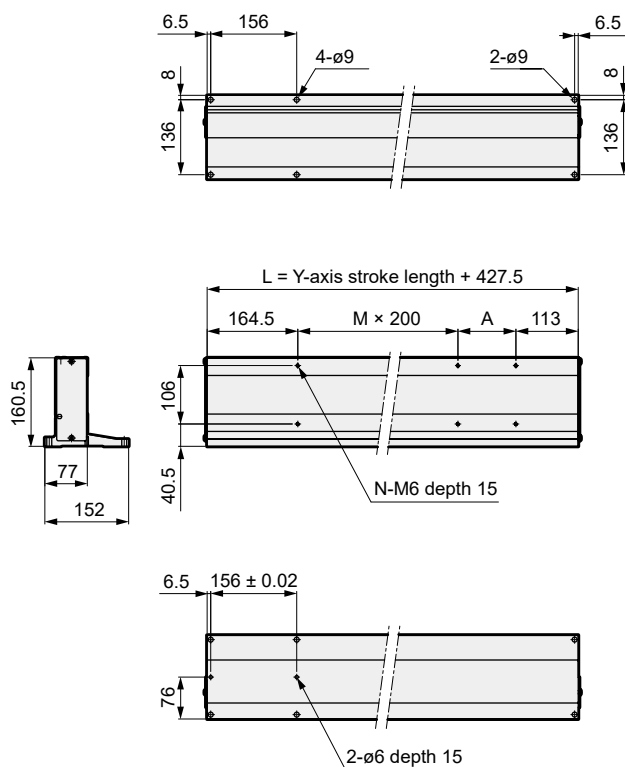
● ETS-760A-BKTC14-Y000



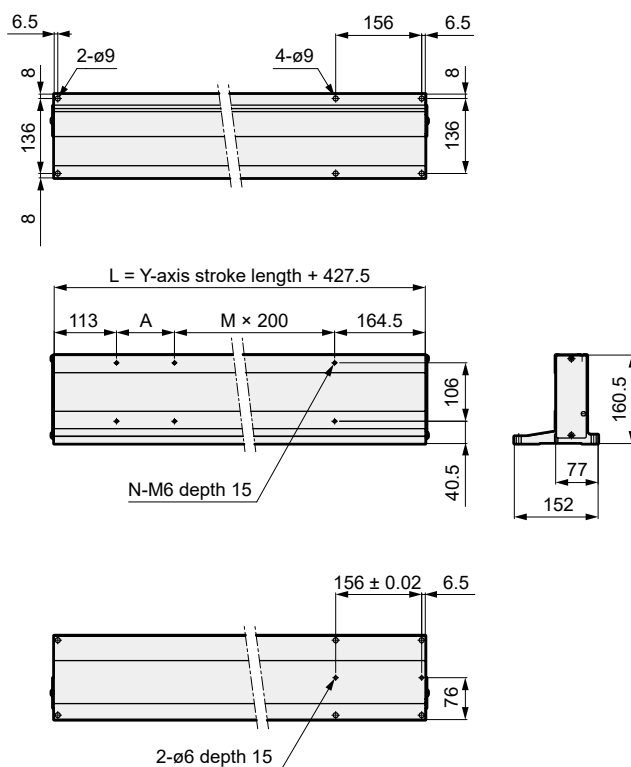
● ETS-760A-BKTC23-Y000



● ETS-760G-BKTC14-Y***



● ETS-760G-BKTC23-Y***



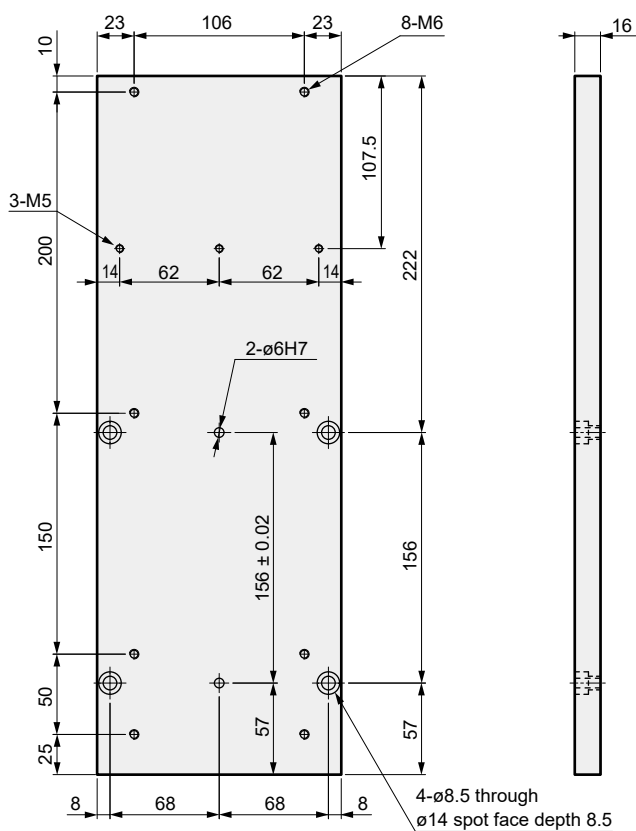
Stroke (mm)	200	250	300	350	400	450	500	550	600	650	700	750	800	850
L	627.5	677.5	727.5	777.5	827.5	877.5	927.5	977.5	1027.5	1077.5	1127.5	1177.5	1227.5	1277.5
A	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	2	2	2	2	3	3	3	3	4	4	4	4
N	6	6	8	8	8	8	10	10	10	10	12	12	12	12

Discontinued some variations

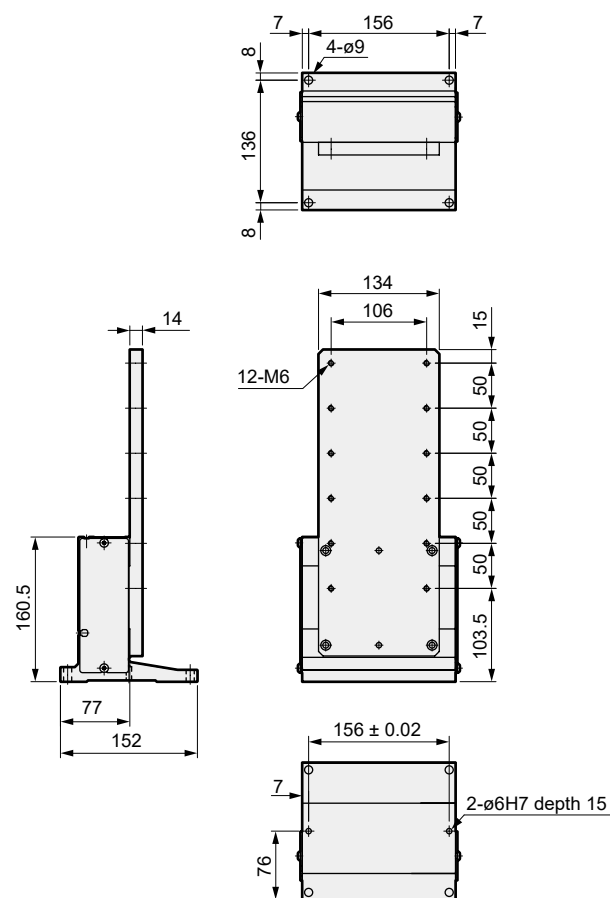
ETS Multi-Axis Series

Bracket dimensions

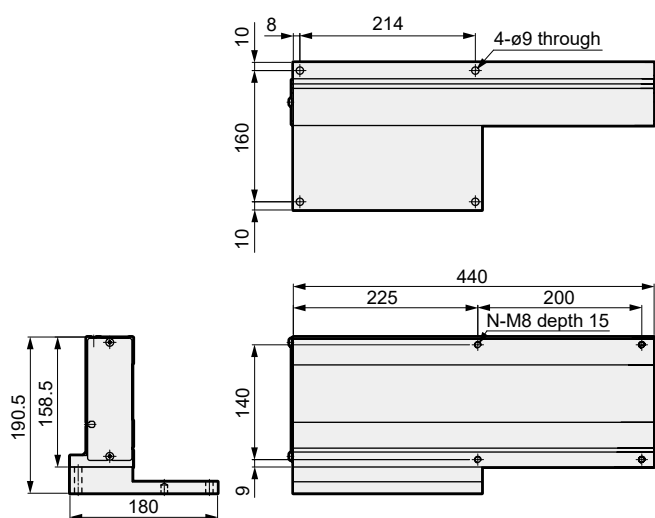
● ETS-760F-BKTC00-Z000



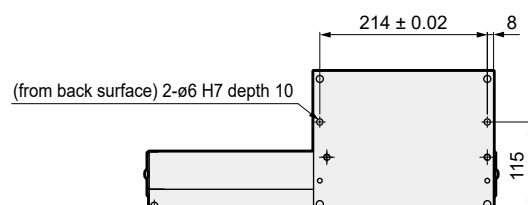
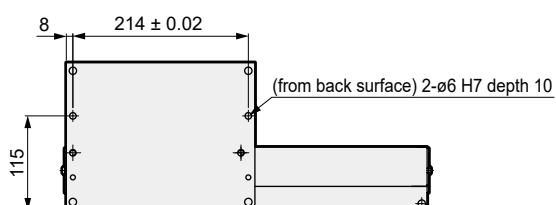
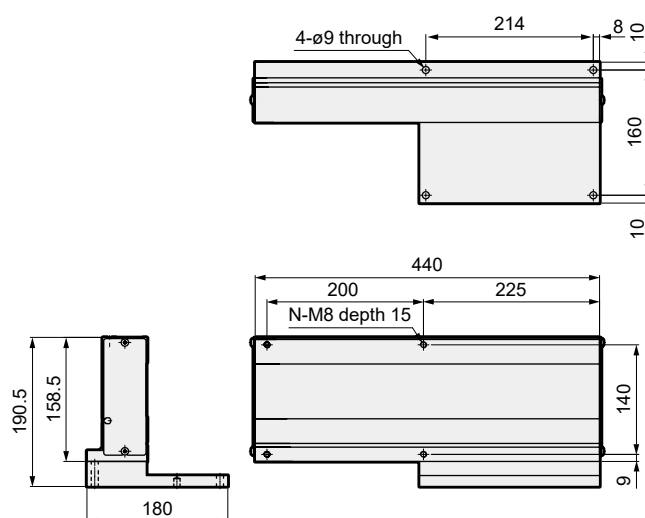
● ETS-760P-BKTC00-Z000



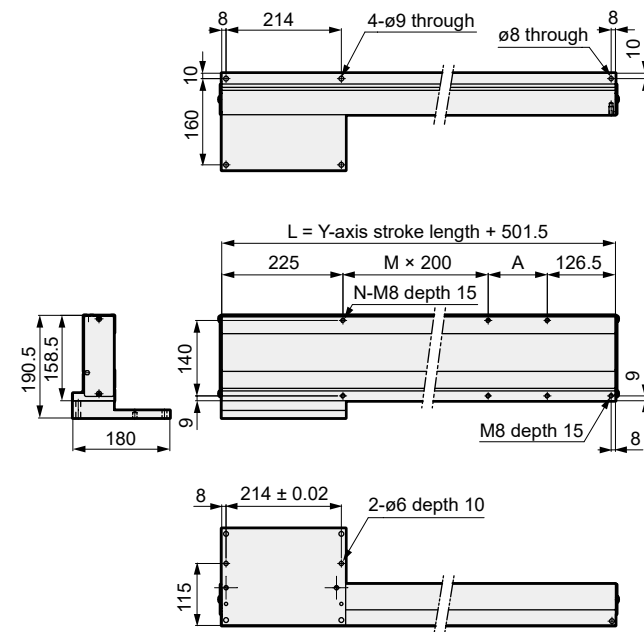
● ETS-870A-BKTC14-Y000



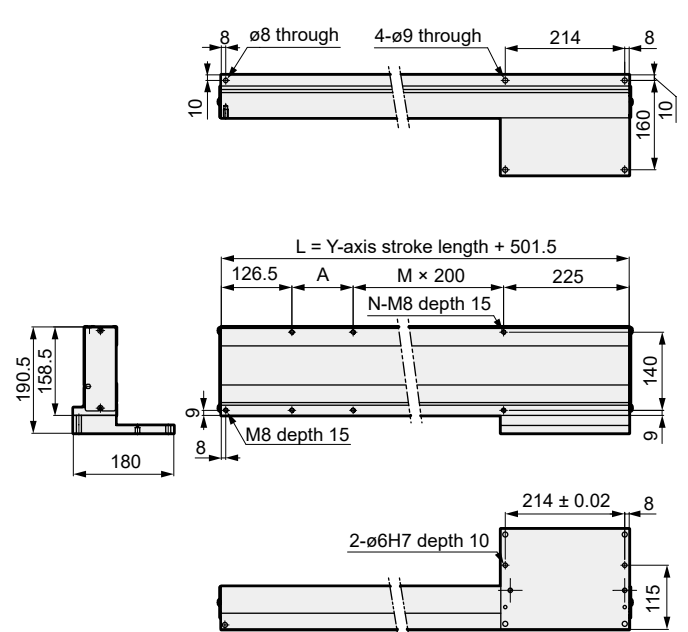
● ETS-870A-BKTC23-Y000



● ETS-870G-BKTC14-Y000



● ETS-870G-BKTC23-Y000



Stroke (mm)	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	701.5	751.5	801.5	851.5	901.5	951.5	1001.5	1051.5	1101.5	1151.5	1201.5	1251.5	1301.5	1351.5	1401.5	1451.5	1501.5	1551.5
A	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14

● ETS-880P-BKTC00-Z000

