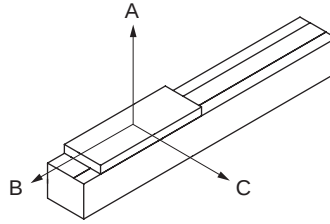


Allowable overhang length (ECS Series)

[When installed horizontally]



[Allowable overhang length]

● ECS-05

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
Straight / side/bottom	0.2	2	5	750	45	105
			10	350	20	47
		5	4	480	45	105
			7	300	25	55
		10	3	300	55	110
			5	180	30	65

● ECS-06

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
Straight / side/bottom	0.2	2	10	400	65	150
			30	150	15	40
		5	10	520	50	110
			30	130	10	25
		10	3	800	145	330
			8	280	50	120
			15	140	23	55

● ECS-10

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
Straight / side/bottom	0.2	5	30	560	50	50
			50	310	27	27
			15	440	90	90
		10	25	250	50	50
			30	200	40	40
			5	950	270	230
		16	10	480	130	110
			22	200	55	45
			5	750	250	200
		20	10	370	120	95
			15	240	80	60

● ECS-12

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
Straight / side/bottom	0.2	5	30	900	70	80
			50	420	30	40
			15	900	150	160
		10	25	490	80	85
			30	400	60	70
			5	1700	430	450
		16	10	800	200	220
			22	330	80	85
			5	1200	420	400
		20	10	580	200	190
			15	370	120	120

● ECS-14 (200 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
Straight / side/bottom	0.2	5	60	2300	250	240
			80	1600	180	170
			95	1150	145	140
		10	30	2000	500	450
			50	1400	280	250
			75	1000	170	160
		16	10	2200	1200	1000
			20	1600	600	500
			44	800	260	220
		20	10	2300	1200	1000
			20	1400	600	500
			35	1000	330	290

● ECS-14 (400 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
Straight / side/bottom	0.2	5	60	2300	250	240
			80	1600	180	170
			110	1150	120	115
		10	30	2000	500	450
			50	1400	280	250
			88	700	140	125
		16	10	2200	1200	1000
			20	1600	600	500
			48	800	260	220
		20	10	2300	1200	1000
			20	1400	600	500
			40	600	280	230

● ECS-17 (400 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
Straight / side/bottom	0.2	5	60	2950	400	475
			100	2000	220	265
			110	1850	200	240
		10	60	1600	350	400
			75	1350	270	320
			90	1050	220	230
		20	30	1850	650	650
			50	1100	380	380
			75	700	240	240
		40	10	1700	1150	900
			20	850	550	430
			35	450	300	240

● ECS-17 (750 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
Straight / side/bottom	0.2	5	60	3300	410	470
			100	2000	230	260
			120	1700	180	210
		10	60	2300	400	440
			75	1850	310	350
			95	1450	230	270
		20	30	2000	650	620
			50	1150	370	370
			83	650	210	210
		40	10	1650	1150	850
			20	530	350	270
			50	300	190	150

● ECS-22

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
Straight / side/bottom	0.2	5	60	3600	650	650
			100	2800	350	340
			150	2300	260	230
		10	60	2850	960	810
			100	2000	570	460
			150	1450	340	310
		25	50	2000	850	610
			80	1200	500	360
			120	770	300	220
		40	10	4200	2850	1850
			30	1400	900	600
			60	650	420	270

*When suspending from above, use 1/3 of the static allowable moment, dynamic allowable load, dynamic allowable moment, and overhang length. Use overhang length up to the center of gravity of the load within A, B and C directions.

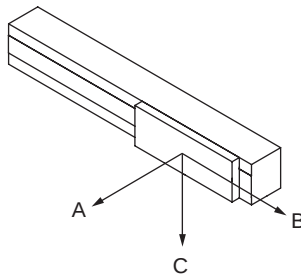
Discontinued some variations

Sales of ECS-05 to ECS-12 will be terminated.

ECS Series
Technical data

Allowable overhang length (ECS Series)

[When wall-mounted]



[Allowable overhang length]

● ECS-05

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
				A	B	C
Straight / side/bottom	0.2	2	5	105	45	750
			10	47	20	350
		5	4	100	45	450
			7	55	23	240
		10	3	110	55	400
			5	60	30	230

● ECS-06

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
				A	B	C
Straight / side/bottom	0.2	2	15	110	42	400
			30	45	15	180
		5	5	240	95	1150
			10	115	50	540
		10	30	25	10	140
			3	320	150	700
		10	8	110	50	250
			15	50	25	120

● ECS-10

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
				A	B	C
Straight / side/bottom	0.2	5	10	160	160	1400
			20	75	75	650
			30	45	45	400
			10	130	140	690
		10	20	60	65	330
			30	40	40	210
			5	230	250	750
			10	110	120	370
		16	22	45	50	160
			5	220	250	650
			10	105	120	320
			15	65	75	210

● ECS-12

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
				A	B	C
Straight / side/bottom	0.2	5	10	330	270	2200
			20	145	120	1000
			30	90	70	600
		10	10	260	240	850
			20	115	110	520
			30	70	60	300
		16	5	450	450	1300
			10	210	210	600
			22	80	80	240
		20	5	410	410	1200
			10	190	195	600
			15	120	120	390

● ECS-14 (200 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
				A	B	C
Straight / side/bottom	0.2	5	60	240	250	1600
			80	170	180	1200
			95	140	145	1050
		10	30	420	460	1500
			50	240	250	1000
			75	150	160	700
		16	10	1050	1200	2650
			20	500	620	1450
			44	230	270	800
		20	10	1000	1200	1900
			20	500	600	1000
			35	270	300	600

● ECS-14 (400 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
				A	B	C
Straight / side/bottom	0.2	5	60	240	250	1600
			80	170	180	1200
			110	115	120	1050
		10	30	420	460	1500
			50	240	250	1000
			88	120	130	700
		16	10	1050	1200	2650
			20	500	620	1450
			48	200	230	800
		20	10	1000	1200	1900
			20	500	600	1000
			40	230	290	600

● ECS-17 (400 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
				A	B	C
Straight / side/bottom	0.2	5	60	500	420	2450
			100	280	240	1600
			110	250	215	1400
		10	60	420	380	1950
			75	330	300	1500
			90	270	240	1200
		20	30	650	650	1600
			50	375	380	900
			75	245	240	600
		40	10	900	1100	1750
			20	450	550	850
			35	240	300	470

● ECS-17 (750 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
				A	B	C
Straight / side/bottom	0.2	5	60	500	430	2700
			100	280	240	1650
			120	230	200	1350
		10	60	420	380	2300
			75	330	300	1800
			95	250	230	1400
		20	30	640	650	1700
			50	370	380	1000
			83	210	210	560
		40	10	900	1150	1700
			20	280	350	550
			50	160	195	310

● ECS-22

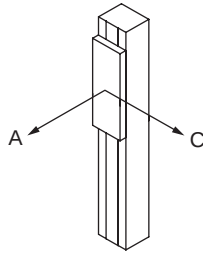
Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm		
				A	B	C
Straight / side/bottom	0.2	5	60	940	1100	3850
			100	540	620	2450
			150	340	400	2150
		10	60	800	980	3700
			100	460	540	2200
			150	280	350	1450
		25	50	600	790	1950
			80	360	480	1200
			120	220	290	750
		40	10	1950	2900	3500
			30	620	950	1400
			60	290	430	650

*When suspending from above, use 1/3 of the static allowable moment, dynamic allowable load, dynamic allowable moment, and overhang length. Use overhang length up to the center of gravity of the load within A, B and C directions.

EBS
EBR
ETS
ETS Multi-Axis
ECS
ETV
ECV
EKS
EBS
EBR
ETS
ECS
Safety precautions

Allowable overhang length (ECS Series)

[When installed vertically]



[Allowable overhang length]

● ECS-05

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm	
				A	C
Straight / side/bottom	0.2	2	3	80	80
			7	35	35
		5	3	65	65
			10	120	120

● ECS-06

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm	
				A	C
Straight / side/bottom	0.2	2	5	160	160
			15	53	53
		5	2	300	300
			4	150	150
			10	60	60
		10	1	410	410
			2	205	205
			5	82	82

● ECS-10

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm	
				A	C
Straight / side/bottom	0.2	5	5	310	310
			10	155	155
			12	130	130
		10	4	360	360
			6	240	240
			8	180	180
		16	1	1050	1050
			2	525	525
			5	210	210
		20	1	850	850
			2	425	425
			3	283	283

● ECS-12

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm	
				A	C
Straight / side/bottom	0.2	5	5	600	600
			10	300	300
			12	250	250
		10	4	650	650
			6	430	430
			8	320	320
		16	1	1050	1050
			2	525	525
			5	210	210
		20	3	650	700

● ECS-14 (200 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm	
				A	C
Straight / side/bottom	0.2	5	20	755	755
			25	605	605
			27	560	560
		10	10	1350	1350
			15	900	900
			18	750	750
		16	2	2400	2400
			4	1700	1700
			7	1300	1300
		20	6	1200	1200

● ECS-14 (400 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm	
				A	C
Straight / side/bottom	0.2	5	20	755	755
			25	605	605
			33	455	455
		10	10	1350	1350
			15	900	900
			22	650	650
		16	2	2400	2400
			4	1700	1700
			10	1000	1000
		20	4	1800	1800
			6	1200	1200
			8	900	900

● ECS-17 (400 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm	
				A	C
Straight / side/bottom	0.2	5	20	1400	1400
			30	950	950
			40	700	700
		10	15	1700	1700
			25	1000	1000
			30	850	850
		20	5	2000	2000
			10	1800	1800
			14	1400	1400
		40	5	650	650

● ECS-17 (750 W)

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm	
				A	C
Straight / side/bottom	0.2	5	20	1500	1500
			30	1000	1000
			50	600	600
		10	15	1700	1700
			25	1000	1000
			40	620	620
		20	5	2200	2200
			10	1900	1900
			25	730	730
		40	10	700	700

● ECS-22

Motor mounted	Acceleration/deceleration time sec	Screw lead	Weight kg	Overhang mm	
				A	C
Straight / side/bottom	0.2	5	30	2400	2400
			50	1450	1450
			55	1050	1050
		10	20	3000	3000
			30	2000	2000
			45	1350	1350
		25	15	2600	2600
			20	1950	1950
			5	2600	2600
		40	10	1950	1950

*When suspending from above, use 1/3 of the static allowable moment, dynamic allowable load, dynamic allowable moment, and overhang length. Use overhang length up to the center of gravity of the load within A, B and C directions.