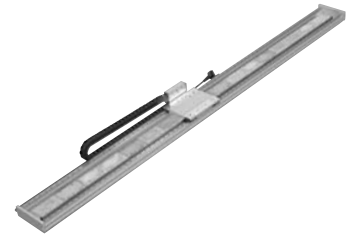


LSA-L15SS

Flat type, 145 mm wide
Standard type, single-slider



■ Model Name **LSA-L15SS** — **I** — **200** — — **T2** — —

Series — Type — Encoder type — Applicable drive output — Stroke — Applicable controller — Cable length — Options

I: Incremental specification 200W } T2: SCON SSEL XSEL-P/-Q X□□: N: None S: 3m M: 5m CT2: Cable track installation 2 CT3: Cable track installation

* Refer to P. 13 for details on each item comprising the model name. 1650:1650mm

Model Specifications

Model	Encoder type	Applicable drive output (per slider)	Stroke Specified in 100-mm steps (mm)	Speed (Note 1) (mm/sec)	Payload (Note 2)		Rated thrust (N)	Maximum thrust (N)	Maximum acceleration (G) (Note 2)
					Horizontal (kg)	Vertical (kg)			
LSA-L15SS-I-200- <input type="checkbox"/> -T2- <input type="checkbox"/> - <input type="checkbox"/>	I: Incremental	200	150-1650	2500	5	-	30	90	3

* In the above model names, indicates the stroke, indicates the cable length, and indicates the options.

Options

Name	Model	Reference page	Remarks
Cable track installation direction	CT2	→P14	Installation directions 2
	CT3	→P14	Installation directions 3
	CT4	→P14	Installation directions 4

Common Specifications

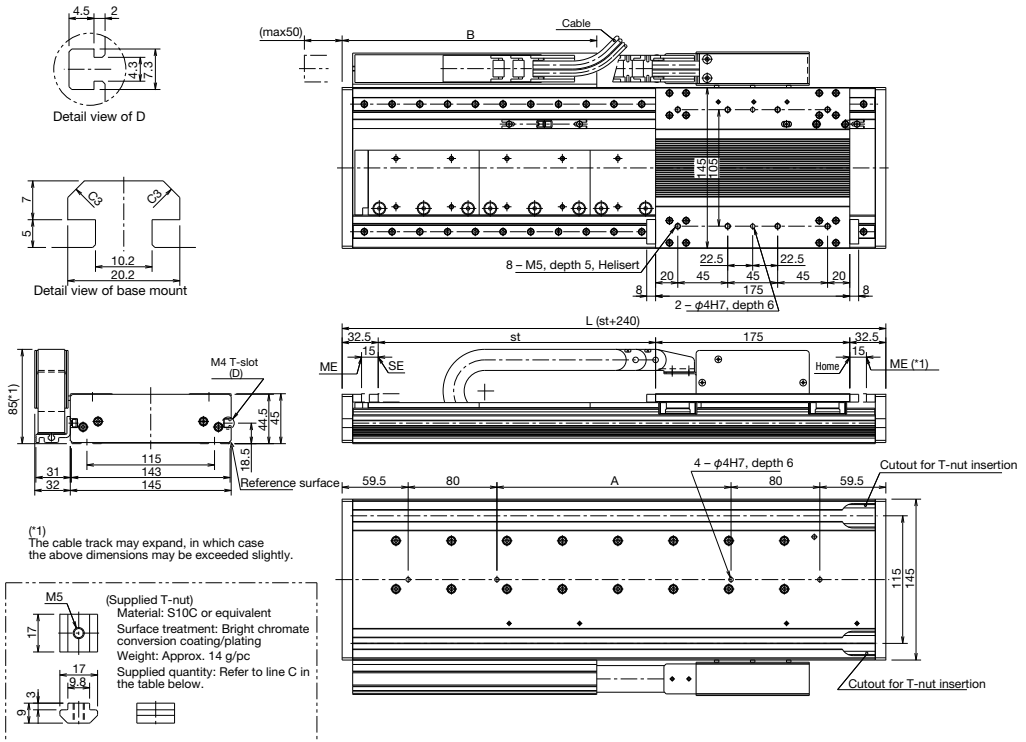
Drive method	Linear servo motor
Positioning repeatability	±0.005mm
Guide	Built-in linear guide
Permissible load moment	Ma: 24.2N • m Mb: 24.2 • m Mc: 24.2N • m
Overhang load length	525 mm or less in Ma direction / 525 mm or less in Mb/Mc directions
Base	Material: Aluminum with white alumite treatment
Applicable controller	T2: SCON, SSEL, XSEL-P/Q
Cable length (Note 3)	N: No Cable S: 3m M: 5m X□□: Specified length
Ambient operating temperature	0 to 40°C, 85% RH or below (non-condensing)

Dimensions

You can download CAD drawings from our website.

2D CAD

*1 During home return, the slider will move to the ME. Accordingly, pay attention to possible contact between the slider and surrounding structures, etc.
ME: Mechanical end
SE: Stroke end



Stroke	150	250	350	450	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650
L	390	490	590	690	790	890	990	1090	1190	1290	1390	1490	1590	1690	1790	1890
A	111	211	311	411	511	611	711	811	911	1011	1111	1211	1311	1411	1511	1611
B	179.5	229.5	279.5	329.5	379.5	429.5	479.5	529.5	579.5	629.5	679.5	729.5	779.5	829.5	879.5	929.5
C	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38
Weight(kg)	6.5	7.9	9.3	10.6	12.0	13.4	14.8	16.2	17.5	18.9	20.3	21.7	23.1	24.4	25.8	27.2

Applicable Controller Specifications

Applicable controller	Maximum controlled axes	Operating method	Power-supply voltage	Reference page
XSEL	6 axes	Program	Single-phase/ three-phase AC 200 V	→P53
SSEL	2 axes	Program/positioner	Single-phase AC100/200V	→P52
SCON	1 axis	Pulse train/positioner	Single-phase AC100/200V	→P51



(Note 1) The maximum speed may not be attained if the stroke is short.
(Note 2) The maximum acceleration varies depending on the operating conditions.
(Note 3) The maximum cable length is 20 m for the SCON/SSEL and 30 m for the XSEL. Specify a desired length in units of meters.
(Example: X08 = 8 m)