

LSA-H8HS

Small type, 80 mm wide
High-thrust type, single-slider



■ Model Name **LSA-H8HS** — **I** — **200** — — **T2** — —
 Series — Type — Encoder type — Applicable drive output — Stroke — Applicable controller — Cable length — Options

I : Incremental specification 200 : 200W 50:50mm ?
 T2 : SCON SSEL XSEL-P/-Q : None S: 3m M: 5m Refer to the options table below.

* Refer to P. 13 for details on each item comprising the model name. 1550:1550mm

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-H8HS-I-200- <input type="checkbox"/> -T2- <input type="checkbox"/> - <input type="checkbox"/>	I: Incremental	200	50-1550	2500	8	-	60	180	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	CT2-6	→P14	Installation directions 2 to 6
Cable track for user wiring, type S	US1-6	→P14	Installation directions 1 to 6
Cable track for user wiring, type M	UM1-6	→P14	Installation directions 1 to 6

Common Specifications

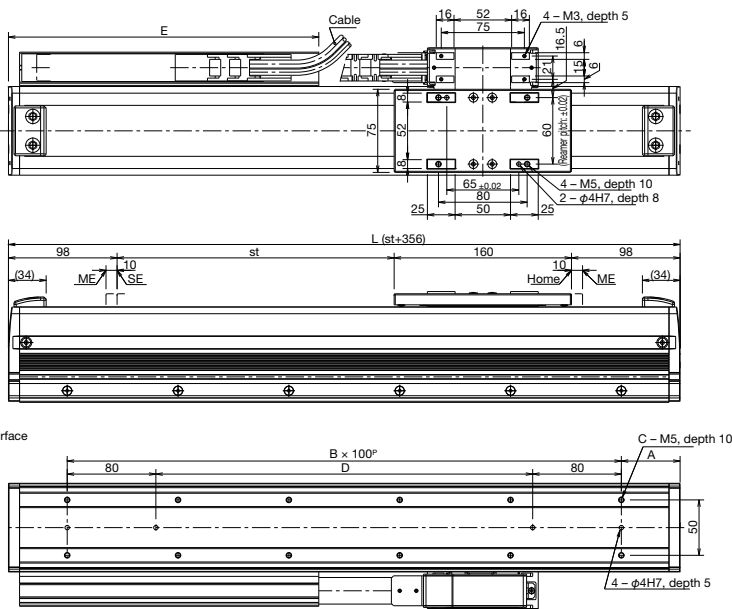
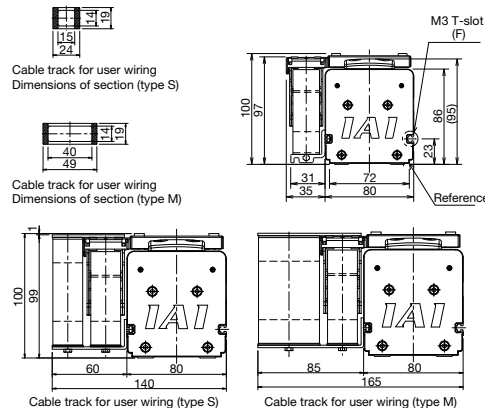
Drive method	Linear servo motor
Positioning repeatability	±0.005mm
Guide	Built-in linear guide
Permissible load moment	Ma: 8.65N • m Mb: 8.65 • m Mc: 8.65N • m
Overhang load length	300 mm or less in Ma direction / 300 mm or less in Mb/Mc directions
Base	Material: Aluminum with white alumite treatment
Applicable controller	T2: SCON, SSEL, XSEL-P/Q
Cable length (Note 3)	N: No Cable S: 3m M: 5m <input type="checkbox"/> : 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	50	150	250	350	450	550	650	750	850	950	1050	1150	1250	1350	1450	1550
L	406	506	606	706	806	906	1006	1106	1206	1306	1406	1506	1606	1706	1806	1906
A	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
B	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
C	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38
D	140	240	340	440	540	640	740	840	940	1040	1140	1240	1340	1440	1540	1640
E	180	230	280	330	380	430	480	530	580	630	680	730	780	830	880	930
Weight (kg)	6.5	7.7	8.9	10.1	11.3	12.5	13.7	14.9	16.1	17.3	18.5	19.7	20.9	22.1	23.3	24.5

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



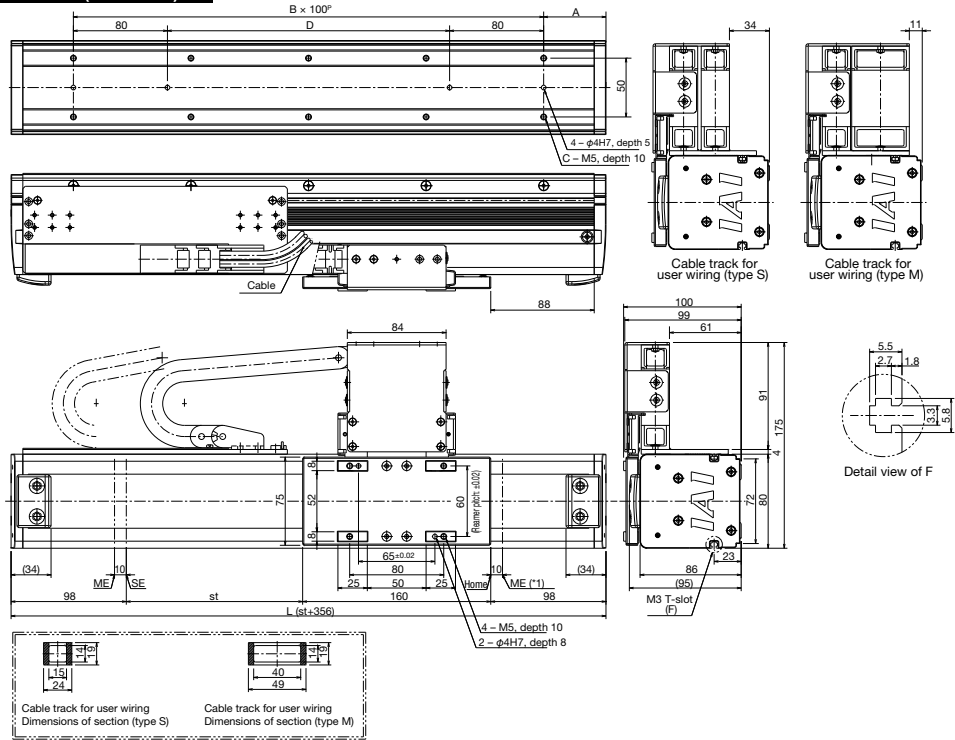
(Note 1) The maximum speed may not be attained if the stroke is short.
 (Note 2) The maximum acceleration varies depending on the operating conditions.
 (Note 3) The maximum cable length is 20 m for the SCON/SSEL and 30 m for the XSEL. Specify a desired length in units of meters. (Example: X08 = 8 m)

Dimensions – Sideway Specification (Standard)

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2D CAD

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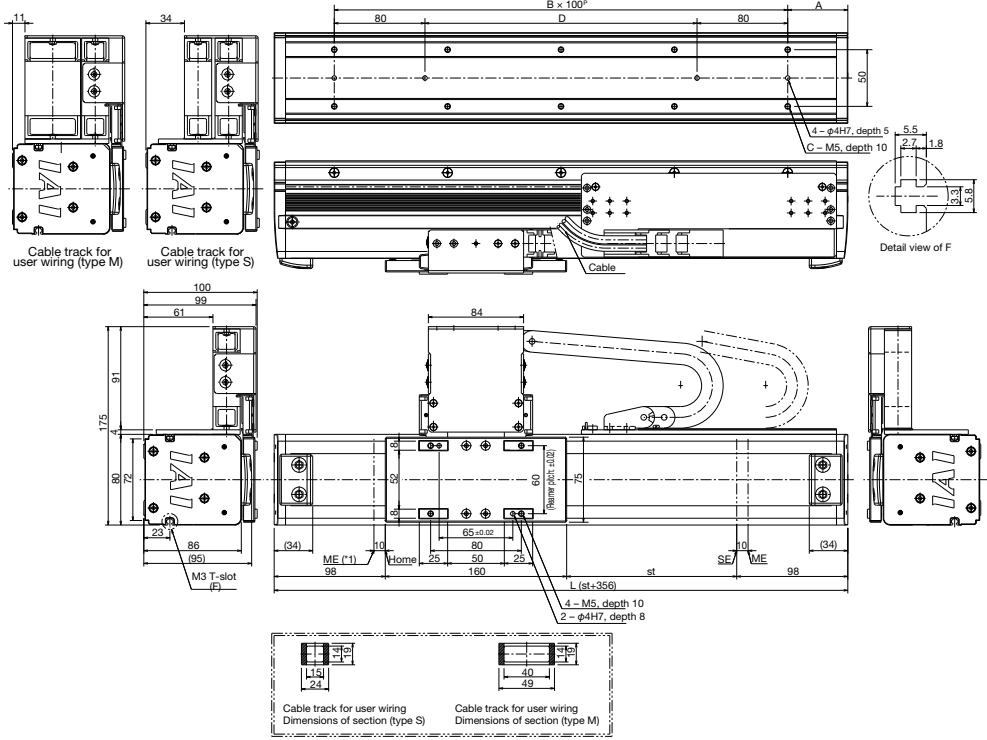
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B	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
C	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38
D	140	240	340	440	540	640	740	840	940	1040	1140	1240	1340	1440	1540	1640
Weight(kg)	7.0	8.2	9.4	10.6	11.8	13.0	14.2	15.4	16.6	17.8	19.0	20.2	21.4	22.6	23.8	25.0

Dimensions – Sideway Specification (Cable Track, Opposite)

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2D CAD

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SE: Stroke end



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Shaft type

Small type

Flat type

Medium type

Large type