

1~1200

0.4

horizontal use

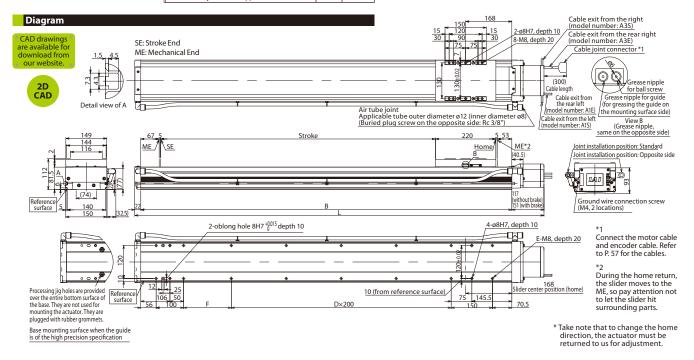
n the above model numbers, 🛈 indicates the encoder type, 🕲 indicates the stroke, 🕲 indicates the applicable controller, 🚇	indicates the cable length, and 🜀 indicates the option(s).
Option	Common Specifications

Incremental

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Name	Model number	Reference page	Name	Model number	Reference page
Cable exit from the left	A1S	→P11	Home limit switch		→P11
Cable exit from the rear left	A1E	→P11	Home limit switch on the opposite side	LL	→P11
Cable exit from the right	A3S	→P11	Master axis specification	LM	→P12
Cable exit from the rear right	A3E	→P11	Master axis specification (sensor on the opposite side)	LLM	→P12
AQ seal (standard feature)	AQ	→P11	Non-motor side specification	NM	→P12
Brake	В	→P11	Guide with ball retention mechanism	RT	→P12
Creep sensor	C	→P11	Slave axis specification	S	→P12
Creep sensor on the opposite side	CL	→P11	High straightness, precision specification	ST	→P13
			Suction tube joint on the opposite side	VR	→P12

Common Specifications	
Positioning repeatability (Note 2)	±0.01mm [±0.005mm]
Drive method (Note 3)	Ball screw ø20mm, rolled C10 [equivalent to rolled C5]
Lost Motion (Note 4)	0.05mm [0.02mm] max.
Dynamic allowable load moment (Note 5)	Ma: 104.9N•m Mb: 149.9N•m Mc: 248.9N•m
Overhang load length	Ma direction: 750mm max. Mb, Mc directions: 750mm max.
Dynamic straightness (Note 6)	0.02mm/m max.
Base	Material: Aluminum, with white alumite treatment
Applicable controller	T1: XSEL-J/K T2: XSEL-P/Q, SSEL, SCON
Cable length (Note 7)	N: None, S: 3m, M: 5m, X 🗆 : Specified length
Grease	Low dust-raising grease (for ball screw and guide)
Cleanliness degree	Class 10 (0.1µm per 1cf)
Suction tube joint	Quick connect joint, applicable tube outer diameter ø12mm

170.9



Dimensions, Mass and Maximum Speed by Stroke *If the brake is equipped, the mass increases by 0.5kg. *The maximum speed (mm/s) varies depending on the stroke 1800 1900 2400 2500 without brak 1823 2123 2523 2723 2823 3023 2323 2623 with bral 30 20 28 18 20 24 24 30 73.5 173.5 73.5 173.5 73.5 73.5 Mass (kg) 29.8 31.5 33.2 35.0 36.7 38.4 40.2 41.9 43.6 45.4 47.1 48.8 50.6 52.3 54.0 55.8 740 370 Maximum Lead speed (mm/s Lead 20

Applicable Controller Specifications

	Maximum number of controlled axes	Connectable encoder type	Operating method	Power-supply voltage	Reference page
X-SEL-P/Q	6 axes			Single/three- phase 200 VAC	→P56
X-SEL-J/K	4 axes	Absolute/ incremental	Program	Single-phase 100/200 VAC	→P56
SSEL	2 axes	incremental			→P56
SCON	1 axis		Positioner pulse train control		→P56

(Notes 2, 3, 4) The values in [] ar	es apply commonly to the ISDBCR and ISPDBCR.
specification value	g life is 10,000km.
(Note 5) When the travelin	mic straightness is when the high straightness,
(Note 6) The value of dyna	ition (option) is specified.
precision specifica	Jel length is 30m. Specify a desired length in

ISDBCR-LX-200/ISPDBCR-LX-200

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