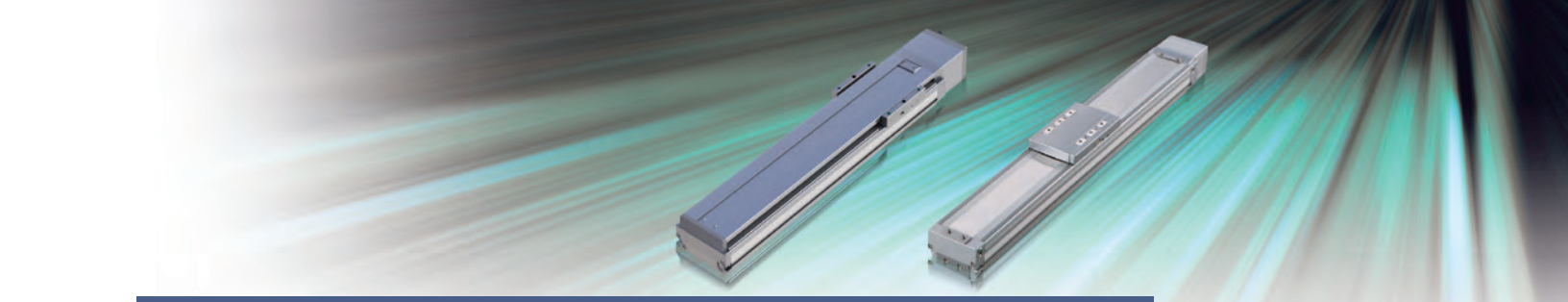
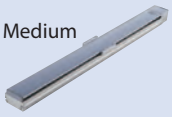
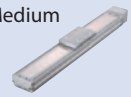


Product Lineup

Series	External View	Body width (mm)	Type		Motor wattage (W)	Ball screw lead (mm)	Stroke (mm)	Max. Speed (mm/s)	Max. Payload (kg)		Ref. page
									Horizontal	Vertical	
ISB	Compact 	 90	Standard Slider	SXM	100	36	100~1,100 (Every 50mm)	2,160	10	2	P.3
			Long Slider	SXL			130~1,080 (Every 50mm)				P.5
	Medium 	 120	Standard Slider	MXM	400	48	100~1,300 (Every 50mm)	2,500	20	6	P.7
			Long Slider	MXL			120~1,270 (Every 50mm)				P.9
			Intermediate Support	MXMX			800~2,000 (Every 50mm)	2,200	20	—	P.11
ISDB Simple dust-proof type	Compact 	 90	Standard Slider	S	100	36	100~800 (Every 50mm)	2,000	10	2	P.13
	Medium 	 120	Standard Slider	M	400	48	100~1,100 (Every 50mm)	2,200	20	6	P.15
			Intermediate Support	MX			800~1,600 (Every 50mm)		20	—	P.17

* The maximum speed may not be reached if the stroke is short. Longer strokes may cause the maximum speed to decrease due to resonance.
Please refer to the reference page of each model for details.

3x lead ball screw model part number breakdown

Series	Type	WA Encoder Type	Motor Type	Ball Screw Lead	Stroke	T2 Applicable Controller	Cable Length	Options

ISB	Standard type
ISDB	Simple dust-proof type

WA	Battery-less abs.

100	100W
400	400W

36	36mm
48	48mm

100	100mm
≀	≀
2000	2,000mm

(Can be set in 50mm increments)

N	None
S	3m
M	5m
X□□	Specified length

ISB	SXM	Compact / Standard slider type
	SXL	Compact / Long slider type
	MXM	Medium / Standard slider type
	MXL	Medium / Long slider type
	MXMX	Medium / Standard slider and intermediate support type
ISDB	S	Compact type
	M	Medium type
	MX	Medium / Intermediate support type

A1S	Cable exits from the left side
A1E	Cable exits from the back left side
A3S	Cable exits from the right side
A3E	Cable exits from the back right side
AQ	AQ seal (Standard equipment)
B	Brake
C	Creep sensor
CL	Creep sensor symmetrically opposite
L	Home limit switch
LL	Home limit switch symmetrically opposite
LM	Master axis setting
LLM	Master axis setting (sensor symmetrically opposite)
NM	Non-motor end specification
RT	Guide with ball retention mechanism
S	Slave axis specified
SR	Slider section roller specification
ST	Straightness high-precision specification
W	Double slider specification

*The type of motor, ball screw lead, stroke, and options vary depending on the actuator type. Please refer to the reference page of each type for details.