

New Expanded Linear Motor Series

A Wide-ranging Lineup Comprised of Models of Various Sizes

LSA

LSA Linear Servo Actuator: Designed for Various Applications

Maximum speed of 2500 mm/s, maximum acceleration/deceleration of 3 G, load capacity of 120 kg, and maximum stroke of 4 m

- Compact, lightweight shaft type
- Small, flat-motor type that achieves high thrust with a slim body
- Flat type ideal for installation in a vertically limited space
- Medium type offering high moment rigidity
- Large type capable of transferring loads of up to 120 kg for as far as 4 m



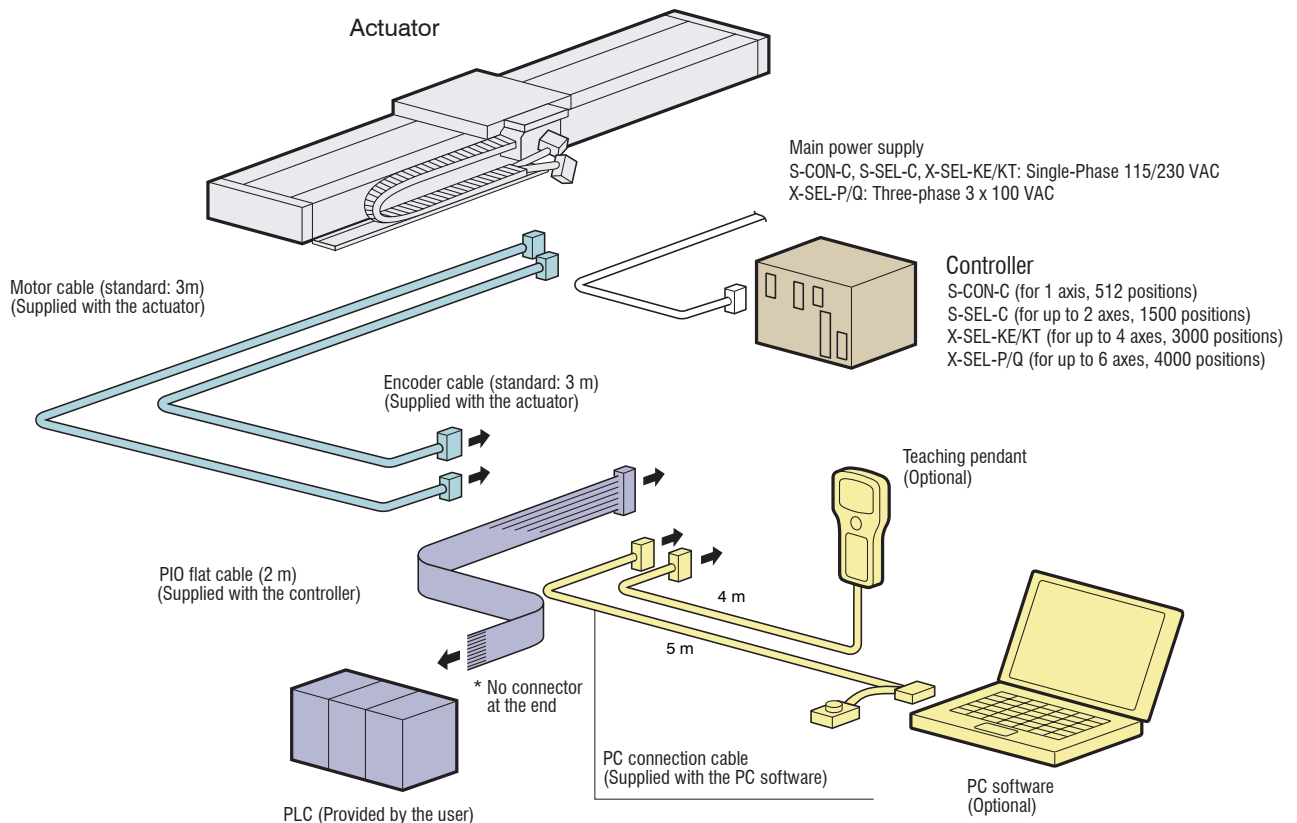
Choose from three controller types supporting three different control methods: positioner control, pulse-train control and program control.

1-axis controller that can be operated in both the positioner mode and pulse-train mode. **SCON** Released in July

1/2-axis program controller that achieves high cost performance. **SSEL** New Product

High-performance program controller capable of simultaneously controlling up to six axes. **X-SEL**

System Configuration Diagram



Technical Data Table

Type	Type name	Width (mm)	Thrust design	Number of sliders	Stroke (mm)	Rated Thrust (N)	Max. Payload (kg)	Max. Speed (mm/s)	Applicable Controller	
Shaft Type		S6SS	Standard	Single	48~1248	15	3	2500	S-CON S-SEL X-SEL	
		S6SM		Multi	40~1048				S-CON S-SEL X-SEL	
		Standard	S8SS	Single	60~1620	25	5		S-CON S-SEL X-SEL	
			S8SM	Multi	60~1440				S-CON S-SEL X-SEL	
		High	S8HS	Single	60~1620	35	7		S-CON S-SEL X-SEL	
			S8HM	Multi	60~1380				S-CON S-SEL X-SEL	
		Standard	S10SS	Single	90~2070	65	15		S-CON S-SEL X-SEL	
			S10SM	Multi	60~1860				S-CON S-SEL X-SEL	
		High	S10HS	Single	90~2070	80	20		S-CON S-SEL X-SEL	
			S10HM	Multi	105~1815				S-CON S-SEL X-SEL	
	Small Type		Standard	H8SS	Single	50~1650	30		5	S-CON S-SEL X-SEL
				H8SM	Multi	130~1430				S-CON S-SEL X-SEL
High			H8HS	Single	50~1550	60	8	S-CON S-SEL X-SEL		
			H8HM	Multi	130~1230			S-CON S-SEL X-SEL		
Flat Type		L15SS	Standard	Single	150~1650	30	5	S-CON S-SEL X-SEL		
Medium Type		M19SS	Standard	Single	136~1576	100	15	S-CON S-SEL X-SEL		
Large Type		Standard	W21SS	Single	1050~4155	200	60	S-CON S-SEL X-SEL		
			W21SM	Multi	730~3835			S-CON S-SEL X-SEL		
		High	W21HS	Single	895~4000	400	120	X-SEL		
			W21HM	Multi	420~3525			X-SEL		