

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



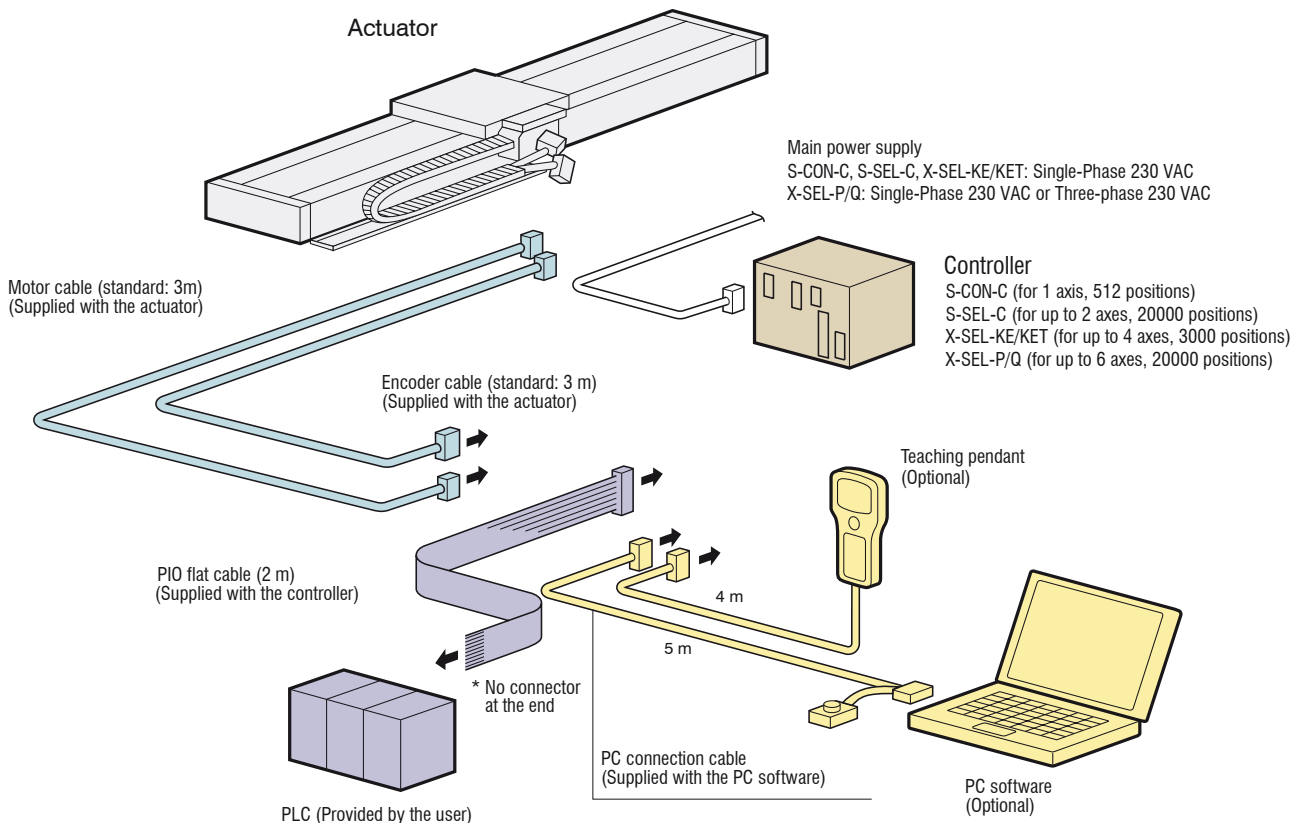
Choose from three controller types supporting three different control methods: positioner control, pulse-train control and program control.



1-axis controller that can be operated in both the positioner mode and pulse-train mode. 1/2-axis program controller that achieves high cost performance. High-performance program controller capable of simultaneously controlling up to six axes.

SCON SSEL 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 Driver Output (W)		
Shaft Type		S6SS	60	Standard	Single	48~1248	15	3	2500	100		
		S6SM			Multi	40~1048						
		S8SS	80	Standard	Single	60~1620	25	5			100	
		S8SM			Multi	60~1440						
		S8HS	High	Single	60~1620	35	7					
		S8HM		Multi	60~1380							
		S10SS	100	Standard	Single	90~2070	65	15		200		
		S10SM			Multi	60~1860						
		S10HS		High	Single	90~2070	80	20				
		S10HM			Multi	105~1815						
	Small Type		H8SS	80	Standard	Single	50~1650	30			5	200
			H8SM			Multi	130~1430					
H8HS			High		Single	50~1550	60	8				
H8HM					Multi	130~1230						
Flat Type		L15SS	145	Standard	Single	150~1650	30	5	200			
		L15SM			Multi	50~1450						
Medium Type		NEW N10SS	100	Standard	Single	100~4100	54	15	100			
		NEW N10SM			Multi	100~3900						
		NEW N15SS	150	Standard	Single	150~4100	86	20	200			
		NEW N15SM			Multi	150~3950						
		NEW N15HS		High	Single	100~4100	125	30				
		NEW N15HM			Multi	150~3850						
		N19SS	193	Standard	Single	144~2592	100	30	300			
					N19SM	Multi				72~2232		
Large Type		W21SS	210	Standard	Single	1050~4155	200	60	400			
		W21SM			Multi	730~3835						
		W21HS		High	Single	895~4000	400	120	1000			
		W21HM			Multi	420~3525						