

Two types of guide and three types of feed screw



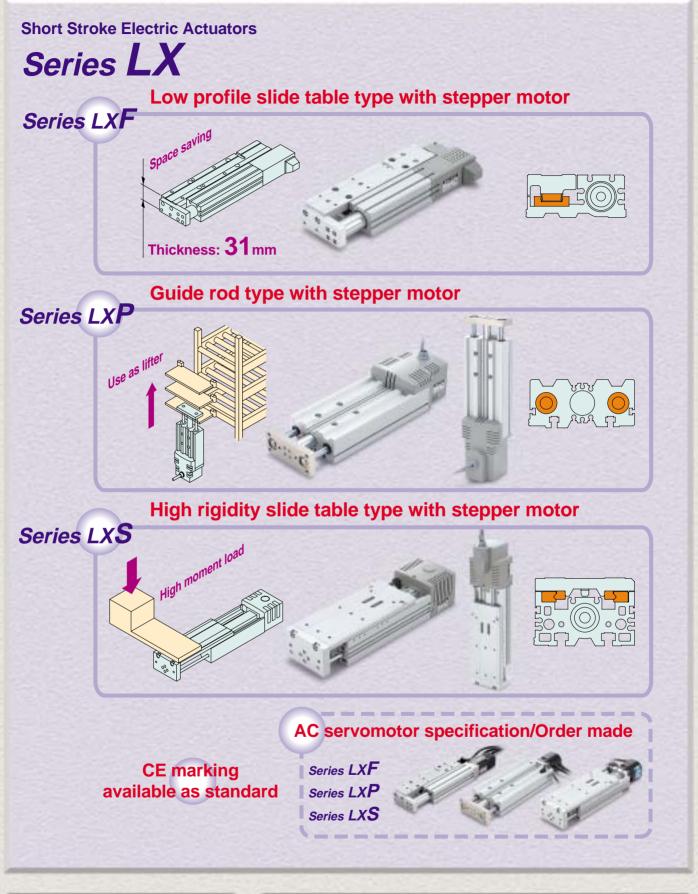
Low profile/non-coupling type with reduced height and length





Regenerative absorption unit Series LC7R

Short stroke type with three guide variations







Simplified Selection Flow Chart

Single Axis Electric Actuator Series LJ1 (AC Servomotor)

Series	Clean room	Dust seal	Brake	Work load kg	Maximum speed mm/s	Positioning repeatability mm	Lead screw	Guide type
Horizontal mount specification				5	300	±0.1		Clider muide
Series LJ1					300	±0.1	Slide screw	Slider guide
				10	500	±0.1		
				10	600	±0.02	Ground ball screw	High rigidity
					600	±0.05	Rolled ball screw	direct acting guide
				15	500	±0.1	Slide screw	guido
			Without	20	300	±0.1	Silde Screw	Slider guide
			brake			±0.02	Ground ball screw	High rigidity direct acting
				30	500	±0.05	Rolled ball screw	
						±0.1	Slide screw	
					1000	±0.02	Ground ball screw	
					1000	±0.05	Rolled ball screw	guide
			60	1000	±0.02	Ground ball screw		
				00	1000	±0.05	Rolled ball screw	
Vertical mount specification				5	100	±0.02	Ground ball screw	
Series LJ1				5	400	±0.05	Rolled ball screw	
*						±0.02	Ground ball screw	
				8	250	±0.05	Rolled ball screw	
			With	40		±0.02	Ground ball screw	High rigidity
			brake	10	600	±0.05	Rolled ball screw	direct acting guide
						±0.02	Ground ball screw	galac
				15	500	±0.05	Rolled ball screw	
						±0.02	Ground ball screw	
				20	500	±0.05	Rolled ball screw	

Low Profile Single Axis Electric Actuator Series LG1 (AC Servomotor)

Series	Clean room	Dust seal	Brake	Work load kg	Maximum speed mm/s	Positioning repeatability mm		Guide type	
Without coupling/Horizontal				15	500	±0.1	Slide screw		
mount specification Series LG1		_			F00	±0.02	Ground ball screw		
	_	_	Without brake	30	500	±0.05	Rolled ball screw	High rigidity direct acting	
	_			30	1000	±0.02	Ground ball screw	guide	
					1000	±0.05	Rolled ball screw		
With coupling/Horizontal mount specification		_		15	500	±0.1	Slide screw		
Series LG1	_	_			F00	±0.02	Ground ball screw		
	_		Without brake	30	500	±0.05	Rolled ball screw	High rigidity direct acting	
				30	1000	±0.02	Ground ball screw	guide	
					1000	±0.05	Rolled ball screw		

Simplified Selection Flow Chart Series LJ1/LG1

Motor type	Capacity			Stand	lard st	roke (n	nm) an	d 💽	Speed (mm/s)				Model
wotor type	Сараспу	100	200	300	400	500	600	700	800	900	1000	1200	1500	Model
	50W					to	300							LJ1S101□SC
	100W						to 300							LJ1S202□SC
	50W					to :	500							LJ1H101□SC
	50W			to 600										LJ1H101□PB
	50W			to 600										LJ1H101□NB
Standard motor [Tamagawa Seiki Co., Ltd.]	100W						to 500							LJ1H202□SC
Non-standard motor Matsushita Electric Industrial Co., Ltd. Mitsubishi Electric Corporation Yaskawa Electric Corporation	200W				to 500				to 500			to 500		LJ1S303□SC
	100W			to	500									LJ1H202□PA
	100W			to	500									LJ1H202□NA
	200W				to 500				to 500			to 500		LJ1H303□SE
	100W					to 1	000	to 930	to 740	to 600	to 500			LJ1H202□PC
	100W					to 1	000	to 930	to 740	to 600	to 500			LJ1H202□NC
	200W				to 1000				to 1000		to 1000	to 700	to 500	LJ1H303□PD
	200W				to 1000				to 1000		to 1000	to 700	to 500	LJ1H303□ND
	100W			to 400										LJ1H102□PH-□K
	100W			to 400										LJ1H102□NH-□K
	100W			to	250									LJ1H202□PF-□K
Standard motor [Tamagawa Seiki Co., Ltd.]	100W			to	250									LJ1H202□NF-□K
	100W			to 600										LJ1H102□PB-□K
Non-standard motor Matsushita Electric Industrial Co., Ltd.	100W			to 600										LJ1H102□NB-□K
Mitsubishi Electric Corporation Yaskawa Electric Corporation	100W			to	500									LJ1H202□PA-□K
	100W			to	500									LJ1H202□NA-□K
	200W				to 500									LJ1H303□PA-□K
	200W				to 500									LJ1H303□NA-□K

Motortune	Canacity			St	andarc	strok	e (mm) and	Spe	ed (mm	/s)			Model
Motor type	Capacity	100	200	300	400	500	600	700	800	900	1000	1200	1500	Wodei
	100W						to 500)						LG1□H202□SC
Standard motor [Tamagawa Seiki Co., Ltd.] 100W 100W 100W	100W		to	500										LG1□H202□PA
	100W		to	500										LG1□H202□NA
	100W					to 1	000	to 930	to 740	to 600	to 500			LG1□H202□PC
	100W					to 1	000	to 930	to 740	to 600	to 500			LG1□H202□NC
Standard motor	100W						to 500)						LG1□H212□SC
[Tamagawa Seiki Co., Ltd.]	100W		to	500										LG1□H212□PA
Non-standard motor [Matsushita Electric Industrial Co., Ltd.] Mitsubishi Electric Corporation Yaskawa Electric Corporation 100W 100W	100W		to	500										LG1□H212□NA
	100W					to 1	000	to 930	to 740	to 600	to 500			LG1□H212□PC
	100W					to 1	000	to 930	to 740	to 600	to 500			LG1□H212□NC

Simplified Selection Flow Chart

Short Stroke Type Electric Actuator Series LX (Stepper Motor)

Series	Low particulate generation	Brake	Work load kg	Maximum speed mm/s	Positioning repeatability mm	Lead screw	Guide type
Flat table type			2	200	±0.05	Slide screw	
Series LXF	•	Without motor brake	3	80	±0.03	Ball screw	Direct acting guide
				100	±0.05	Slide screw	
Guide rod type Series LXP		Without	3 4	200 200 100	±0.05	Slide screw	
	•	motor brake	6	80	± 0.03	Ball screw	
				100	±0.05	Slide screw	Ball bushing
			3	200 200 100	±0.05	Slide screw	guide
AND THE PARTY OF T	0	With motor brake	5	80	±0.03	Ball screw	
300				100	±0.05	Slide screw	
Slide table type Series LXS	 - - -	Without	4.5	200 200 100 100	±0.05	Slide screw	
	0	motor brake	10	80	±0.03	Ball screw	High rigidity
		With	1 2 4	200 200 100	±0.05	Slide screw	direct acting guide
H	0	motor brake	5	80	±0.03	Ball screw	

Short Stroke Type Electric Actuator Series LX (AC Servomotor)

Series	Low particulate generation		Work load kg	Maximum speed mm/s	Positioning repeatability mm	Lead screw	Guide type	
Series LXF		Without motor brake	3	100	±0.03	Ball screw	Direct acting guide	
Series LXP		Without motor brake With motor brake	5	100 50 100	±0.03	Ball screw	Ball bushing guide	
Series LXS		With motor brake Without motor brake	10	100 50 100	±0.03	Ball screw	High rigidity direct acting guide	

Simplified Selection Flow Chart $Series\ LX$

Motor			Standa		ke (mm) a	nd Maximu				Model
Manufacturer	Phases	25	50	75	100	125	150	175	200	Model
	5 phase		to 200							LXFH5SB
Samura Dambi Ca Ltd	5 phase		to 30							LXFH5BC
Sanyo Denki Co., Ltd.	5 phase		to 80							LXFH5BD
	5 phase		to 100							LXFH5SA
	5 phase					to 200				LXPB5SB
	2 phase					to 200				LXPB2SB
	5 phase					to 100				LXPB5SA
	2 phase					to 30				LXPB2BC
	5 phase					to 30				LXPB5BC
	2 phase					to 80				LXPB2BD
	5 phase					to 80				LXPB5BD
Conve Donki Co. 14-	2 phase					to 100				LXPB2SA
Sanyo Denki Co., Ltd.	5 phase					to 200				LXPB5SB-□B
	2 phase					to 200				LXPB2SB-□B
	5 phase					to 100				LXPB5SA-□B
	2 phase					to 30				LXPB2BC-□B
	5 phase					to 30				LXPB5BC-□B
	2 phase					to 80				LXPB2BD-□B
	5 phase					to 80				LXPB5BD-□B
	2 phase					to 100				LXPB2SA-□B
	5 phase				to 200					LXSH5SB
	2 phase				to 200					LXSH2SB
	5 phase				to 100					LXSH5SA
	2 phase				to 100					LXSH2SA
	5 phase				to 30					LXSH5BC
	2 phase				to 30					LXSH2BC
	5 phase				to 80					LXSH5BD
Double Late	2 phase				to 80					LXSH2BD
anyo Denki Co., Ltd.	5 phase				to 200					LXSH5SB-□B
	2 phase				to 200					LXSH2SB-□B
	5 phase				to 100					LXSH5SA-□B
	2 phase				to 100					LXSH2SA-□B
	5 phase				to 30					LXSH5BC-□B
	2 phase				to 30					LXSH2BC-□B
	5 phase				to 80					LXSH5BD-□B
	2 phase				to 80					LXSH2BD-□B

Motor				Model						
Manufacturer	Capacity	25	50	75	100	125	150	175	200	Wodei
			to	50						LXFHABC
Tamagawa Seiki Co., Ltd. Matsushita Electric Industrial Co., Ltd.			to	100						LXFHABD
						to 50				LXPBABC
						to 100				LXPBABD
tsubishi Electric Corporation						to 50				LXPBABC-□B
askawa Electric Corporation	3000					to 100				LXPBABD-□B
lota) Carina I VI in only					to 50					LXSHABC
Note) Series LXF is only compatible with motors manufactured by Mitsubishi Electric Corporation.					to 100					LXSHABD
					to 50					LXSHABC-□B
					to 100					LXSHABD-□B

