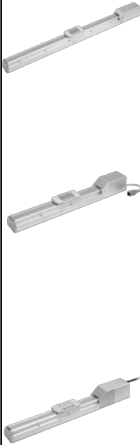
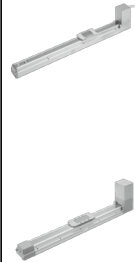


# Simplified Selection Flow Chart

## Slider Type *LEF Series*

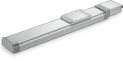
Model	Size	Screw lead [mm]	Stroke	Work load (Horizontal) [kg]						Speed [mm/s]					Page			
				10	20	30	40	50	60	200	400	800	1000	1200		1400		
<b>LEFS Series</b> <b>Ball screw drive</b> (Clean Room Specification) Page 509 (Secondary Battery Compatible) Page 537 	Step motor	LEFS16	16	5	Up to 500													
			10	Up to 500														
		LEFS25	25	6	Up to 800													
			12	Up to 800														
		LEFS32	32	8	Up to 1000													
			16	Up to 1000														
	Servo motor	LEFS40	40	10	Up to 1200													
			20	Up to 1200														
		LEFS16	16	5	Up to 500													
			10	Up to 500														
		LEFS25	25	6	Up to 800													
			12	Up to 800														
AC servo motor	LEFS25	25	20	Up to 800														
		12	Up to 800															
	LEFS32	32	8	Up to 1000														
		16	Up to 1000															
	LEFS40	40	10	Up to 1200														
		20	Up to 1200															

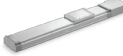
Model	Size	Screw lead [mm]	Stroke	Work load (Horizontal) [kg]						Speed [mm/s]					Page		
				5	10	15	20	25	30	400	800	1200	1600	2000			
<b>LEFB Series</b> <b>Belt drive</b> 	Step motor	LEFB16	16	48	Up to 1000												
			25	48	Up to 2000												
		LEFB32	32	48	Up to 2000												
	Servo motor	LEFB16	16	48	Up to 1000												
		LEFB25	25	48	Up to 2000												
	AC servo motor	LEFB25	25	54	Up to 2000												
		LEFB32	32	54	Up to 2500												
		LEFB40	40	54	Up to 3000												

- LEF
- LEJ
- LEL
- LEM
- LEY
- LES
- LEPY
- LEPS
- LER
- LEH
- LEY-X5
- 11-LEFS
- 11-LEJS
- 25A-
- LEC
- LEC
- LEC SS-T
- LEC Y
- Motor-less
- LAT
- LZ
- LC3F2


# Simplified Selection Flow Chart

## High Rigidity Slider Type *LEJ Series*


Model	Size	Screw lead [mm]	Stroke	Orientation	Work load [kg]				Speed [mm/s]								Page			
					20	40	60	80	200	400	600	800	1000	1200	1400	1600		1800		
<b>LEJS Series</b> Ball screw drive (Clean Room Specification) Page 509 (Secondary Battery Compatible) Page 537 	AC servo motor	LEJS40	40	Up to 1200	Horizontal transfer	8	16	24	10	20	30	40	50	60	80	100	120	140	160	180
						16	30	40	50	60	80	100	120	140	160	180				
						24	40	50	60	80	100	120	140	160	180					
		LEJS63	63	Up to 1500		10	20	30	40	50	60	80	100	120	140	160	180			
						20	30	40	50	60	80	100	120	140	160	180				
						30	40	50	60	80	100	120	140	160	180					
	AC servo motor	LEJS40	40	Up to 1200	Vertical transfer	8	16	24	10	20	30	40	50	60	80	100	120	140	160	180
						16	30	40	50	60	80	100	120	140	160	180				
						24	40	50	60	80	100	120	140	160	180					
		LEJS63	63	Up to 1500		10	20	30	40	50	60	80	100	120	140	160	180			
						20	30	40	50	60	80	100	120	140	160	180				
						30	40	50	60	80	100	120	140	160	180					

Model	Size	Screw lead [mm]	Stroke	Orientation	Work load [kg]				Speed [mm/s]						Page
					10	20	30	40	500	1000	1500	2000	2500	3000	
<b>LEJB Series</b> Belt drive 	LEJB40	40	Equivalent to 27	Up to 2000	Horizontal transfer	10	20	30	40	500	1000	1500	2000	2500	3000
	LEJB63	63	Equivalent to 42	Up to 3000		10	20	30	40	500	1000	1500	2000	2500	3000



## Guide Rod Slider *LEL Series*

Model	Size	Screw lead [mm]	Stroke	Orientation	Work load [kg]						Speed [mm/s]						Page		
					1	2	3	4	5	6	200	400	600	800	1000	1200			
<b>LEL Series</b> 	Step motor	LEL25M (Sliding bearing)	25	48	Up to 1000	Horizontal/Bottom mounting	1	2	3	4	5	6	200	400	600	800	1000	1200	
							Horizontal/Wall mounting	1	2	3	4	5	6	200	400	600	800	1000	1200
								1	2	3	4	5	6	200	400	600	800	1000	1200
								1	2	3	4	5	6	200	400	600	800	1000	1200

## Low Profile Slider Type *LEM Series*

Model	Size	Screw lead [mm]	Stroke	Orientation	Work load [kg]		Speed [mm/s]		Page	
					10	20	1000	2000		
<b>LEM Series</b> 	Step motor	LEMB	25	32	Horizontal transfer	Up to 2000	10	20	1000	2000
							Up to 2000	10	20	1000
		Up to 1000	10	20		1000		2000		
			Up to 1500	10		20		1000	2000	
		Up to 1000		10		20		1000	2000	
			Up to 1500	10		20	1000	2000		

## Rod Type LEY Series

Rod type	Model	Size	Screw lead [mm]	Stroke	Pushing force [N]				Speed [mm/s]				Page			
					200	400	600	800	1000	1200	200	400		600	800	1000
<b>Rod type LEY Series</b> Dust-tight/Water-jet-proof Page 485 Secondary Battery Compatible Page 537 	Step motor	LEY16	10	Up to 300												
			5													
			2.5													
		LEY25	12	Up to 400												
			6													
			3													
	LEY32	16	Up to 500													
		8														
		4														
	LEY40	16	Up to 500													
		8														
		4														
	Servo motor	LEY16	10	Up to 300												
			5													
			2.5													
		LEY25	12	Up to 400												
			6													
			3													
	AC servo motor	LEY25	12	Up to 400												
			6													
3																
LEY32 Motor top/ parallel type		16 (20)	Up to 500													
		8 (10)														
		4 (5)														
LEY32 In-line motor type	16	Up to 500														
	8															
	4															
63	LEY63 Motor top/ parallel type	20	Up to 800													
		10														
		5 (2.86)														
	LEY63 In-line motor type	20	Up to 800													
		10														
		5														
<b>Guide rod type LEYG Series</b> 	Step motor	LEYG16	10	Up to 200												
			5													
			2.5													
		LEYG25	12	Up to 300												
			6													
			3													
	LEYG32	16	Up to 300													
		8														
		4														
	LEYG40	16	Up to 300													
		8														
		4														
	Servo motor	LEYG16	10	Up to 200												
			5													
			2.5													
		LEYG25	12	Up to 300												
			6													
			3													
AC servo motor	LEYG25	12	Up to 300													
		6														
		3														
	LEYG32 Motor top mounting type	16 (20)	Up to 300													
		8 (10)														
		4 (5)														
LEYG32 In-line motor type	16	Up to 300														
	8															
	4															

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LEF

LEJ

LEL

LEM

LEY

LES

LEPY

LEPS

LER

LEH

LEY

-X5

11-

LEFS

11-

LEJS

25A-

LEC

LEC

SS-T

LEC

Y

Motor-

less



LAT

LZ

LC3F2


# Simplified Selection Flow Chart


## Electric Slide Table *LES Series*

Model	Size	Screw lead [mm]	Stroke	Orientation	Work load [kg]				Speed [mm/s]				Page		
					2	4	6	8	10	12	100	200		300	400
<b>Compact type</b> <i>LES Series</i> 	<b>Step motor</b> LES8 LES16 LES25 LES8 LES16 LES25	8	4	Up to 75	Horizontal transfer	2	4	6	8	10	12	100	200	300	400
			8			2	4	6	8	10	12	100	200	300	400
		16	5	Up to 100		2	4	6	8	10	12	100	200	300	400
			10			2	4	6	8	10	12	100	200	300	400
		25	8	Up to 150		2	4	6	8	10	12	100	200	300	400
			16			2	4	6	8	10	12	100	200	300	400
	<b>Servo motor</b> LES8 LES16 LES25 LES8 LES16 LES25	8	4	Up to 75	Vertical transfer	2	4	6	8	10	12	100	200	300	400
			8			2	4	6	8	10	12	100	200	300	400
		16	5	Up to 100		2	4	6	8	10	12	100	200	300	400
			10			2	4	6	8	10	12	100	200	300	400
		25	8	Up to 150		2	4	6	8	10	12	100	200	300	400
			16			2	4	6	8	10	12	100	200	300	400
<b>High rigidity type</b> <i>LESH Series</i> 	<b>Step motor</b> LESH8 LESH16 LESH25 LESH8 LESH16 LESH25	8	4	Up to 75	Horizontal transfer	2	4	6	8	10	12	100	200	300	400
			8			2	4	6	8	10	12	100	200	300	400
		16	5	Up to 100		2	4	6	8	10	12	100	200	300	400
			10			2	4	6	8	10	12	100	200	300	400
		25	8	Up to 150		2	4	6	8	10	12	100	200	300	400
			16			2	4	6	8	10	12	100	200	300	400
	<b>Servo motor</b> LESH8 LESH16 LESH25 LESH8 LESH16 LESH25	8	4	Up to 75	Vertical transfer	2	4	6	8	10	12	100	200	300	400
			8			2	4	6	8	10	12	100	200	300	400
		16	5	Up to 100		2	4	6	8	10	12	100	200	300	400
			10			2	4	6	8	10	12	100	200	300	400
		25	8	Up to 150		2	4	6	8	10	12	100	200	300	400
			16			2	4	6	8	10	12	100	200	300	400



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### Miniature Type *LEP* Series

Model	Size	Screw lead [mm]	Motor size	Stroke [mm]	Pushing force [N]							Speed [mm/s]							Page	
					5	10	15	20	25	30	35	40	45	50	100	150	200	250		300
<b>Miniature rod</b> <i>Rod type LEPY Series</i> 	LEPY6	6	4	Basic	Up to 75	[Bar chart showing force ranges]							[Bar chart showing speed ranges]							Page 369
			8			[Bar chart showing force ranges]							[Bar chart showing speed ranges]							
	LEPY10	10	5	Compact	Up to 75	[Bar chart showing force ranges]							[Bar chart showing speed ranges]							
			10			Basic	Up to 75	[Bar chart showing force ranges]							[Bar chart showing speed ranges]					
			Compact	Up to 75	[Bar chart showing force ranges]							[Bar chart showing speed ranges]								

Model	Size	Screw lead [mm]	Motor size	Stroke [mm]	Orientation	Work load [kg]					Speed [mm/s]							Page	
						0.1	0.5	1	1.5	2	50	100	150	200	250	300	350		
<b>Miniature slide table</b> <i>Slide table type LEPS Series</i> 	LEPS6	6	4	Basic	Up to 50	Horizontal transfer	[Bar chart showing work load ranges]					[Bar chart showing speed ranges]							Page 369
			8				[Bar chart showing work load ranges]					[Bar chart showing speed ranges]							
	LEPS10	10	5	Compact	Up to 50	Horizontal transfer	[Bar chart showing work load ranges]					[Bar chart showing speed ranges]							
			10				Basic	Up to 50	[Bar chart showing work load ranges]					[Bar chart showing speed ranges]					
			Compact	Up to 50	[Bar chart showing work load ranges]					[Bar chart showing speed ranges]									
	LEPS6	6	4	Basic	Up to 50	Vertical transfer	[Bar chart showing work load ranges]					[Bar chart showing speed ranges]							
			8				[Bar chart showing work load ranges]					[Bar chart showing speed ranges]							
	LEPS10	10	5	Compact	Up to 50	Vertical transfer	[Bar chart showing work load ranges]					[Bar chart showing speed ranges]							
			10				Basic	Up to 50	[Bar chart showing work load ranges]					[Bar chart showing speed ranges]					
				Compact	Up to 50	[Bar chart showing work load ranges]					[Bar chart showing speed ranges]								
			Basic	Up to 50	[Bar chart showing work load ranges]					[Bar chart showing speed ranges]									

### Electric Rotary Table *LER* Series

Model	Size	Rotating torque [N·m]	Rotation angle [°]	Rotating torque [N·m]										Angular speed [°/s]				Page	
				0.05	0.1	1	2	3	4	5	6	7	8	9	10	100	200		300
<b>Electric rotary table</b> <i>LER Series</i> 	LER10	10	Basic	Up to 310	[Bar chart showing torque ranges]										[Bar chart showing speed ranges]				Page 399
			High torque		[Bar chart showing torque ranges]										[Bar chart showing speed ranges]				
	LER30	30	Basic	Up to 320	[Bar chart showing torque ranges]										[Bar chart showing speed ranges]				
			High torque		[Bar chart showing torque ranges]										[Bar chart showing speed ranges]				
LER50	50	Basic	Up to 320	[Bar chart showing torque ranges]										[Bar chart showing speed ranges]					
		High torque		[Bar chart showing torque ranges]										[Bar chart showing speed ranges]					
<b>Continuous rotation specification</b> <i>LER-1 Series</i> 	LER10-1	10	Basic	Up to 360	[Bar chart showing torque ranges]										[Bar chart showing speed ranges]				Page 399
			High torque		[Bar chart showing torque ranges]										[Bar chart showing speed ranges]				
	LER30-1	30	Basic	Up to 360	[Bar chart showing torque ranges]										[Bar chart showing speed ranges]				
			High torque		[Bar chart showing torque ranges]										[Bar chart showing speed ranges]				
	LER50-1	50	Basic	Up to 360	[Bar chart showing torque ranges]										[Bar chart showing speed ranges]				
High torque			[Bar chart showing torque ranges]										[Bar chart showing speed ranges]						

- LEF
- LEJ
- LEL
- LEM
- LEY
- LES
- LEPY
- LEPS
- LER
- LEH
- LEY-X5
- 11-LEFS
- 11-LEJS
- 25A-
- LEC
- LEC
- LEC SS-T
- LEC Y
- Motor-less
- LAT
- LZ
- LC3F2

# Simplified Selection Flow Chart

## Electric Gripper *LEH Series*

Model	Size	Motor size	Stroke [mm]	Gripping force [N]						Open and close speed [mm/s]						Page		
				25	50	75	100	125	150	175	200	20	40	60	80		100	120
<b>2-finger type Compact and lightweight <i>LEHZ Series</i></b> 	LEHZ10	10	Basic	4	[Gripping force bars]						[Speed bars]						Page 425	
			Compact		[Gripping force bars]						[Speed bars]							
	LEHZ16	16	Basic	6	[Gripping force bars]						[Speed bars]							
			Compact		[Gripping force bars]						[Speed bars]							
	LEHZ20	20	Basic	10	[Gripping force bars]						[Speed bars]							
			Compact		[Gripping force bars]						[Speed bars]							
	LEHZ25	25	Basic	14	[Gripping force bars]						[Speed bars]							
			Compact		[Gripping force bars]						[Speed bars]							
LEHZ32	32	Basic	22	[Gripping force bars]						[Speed bars]								
LEHZ40	40	Basic	30	[Gripping force bars]						[Speed bars]								
<b>2-finger type Long stroke <i>LEHF Series</i></b> 	LEHF10	10	—	16, 32	[Gripping force bars]						[Speed bars]							
	LEHF20	20	—	24, 48	[Gripping force bars]						[Speed bars]							
	LEHF32	32	—	32, 64	[Gripping force bars]						[Speed bars]							
	LEHF40	40	—	40, 80	[Gripping force bars]						[Speed bars]							
<b>3-finger type <i>LEHS Series</i></b> 	LEHS10	10	Basic	4	[Gripping force bars]						[Speed bars]							
			Compact		[Gripping force bars]						[Speed bars]							
	LEHS20	20	Basic	6	[Gripping force bars]						[Speed bars]							
			Compact		[Gripping force bars]						[Speed bars]							
	LEHS32	32	Basic	8	[Gripping force bars]						[Speed bars]							
LEHS40	40	Basic	12	[Gripping force bars]						[Speed bars]								

## Card Motor *LAT3 Series*

Positioning repeatability:  $\pm 90 \mu\text{m}$ , Measurement accuracy:  $\pm 100 \mu\text{m}$

Standard type	Model	Resolution	Stroke	Pushing force [N]						Speed [mm/s]				Max. load mass [g]		Page		
				1	2	3	4	5	6	50	100	200	300	400	Horizontal		Vertical	
<b><i>LAT3 Series</i></b> 	30 $\mu\text{m}$	10	20	[Pushing force bars]						[Speed bars]				500	100	Page 887		
				30	[Pushing force bars]						[Speed bars]						50	
					[Pushing force bars]						[Speed bars]							

Positioning repeatability:  $\pm 5 \mu\text{m}$ , Measurement accuracy:  $\pm 10 \mu\text{m}$

High resolution type	Model	Resolution	Stroke	Pushing force [N]						Speed [mm/s]				Max. load mass [g]		Page		
				1	2	3	4	5	6	50	100	200	300	400	Horizontal		Vertical	
<b><i>LAT3F Series</i></b> 	1.25 $\mu\text{m}$	10	20	[Pushing force bars]						[Speed bars]				500	100	Page 887		
				30	[Pushing force bars]						[Speed bars]						50	
					[Pushing force bars]						[Speed bars]							