



Expertise – Passion – Automation



KOLLMORGEN®



SIGMATEK

**A perfect fit
with SMC**

Electric Actuator Slider Type

LEFS Series Ball screw



YOUR EVERYDAY TRANSFER SOLUTION

- Simple installation: possible to mount the main body without removing the external cover
- Motor mounting direction can be selected
- High-precision type, LEFSH
- Positioning repeatability: $\pm 0,02\text{mm}$ (standard) ($\pm 0,01\text{mm}$ with H-option)

Series	Stroke [mm]	Workload [kg]		Max. Speed [mm/s]	Lead	Servo motor specifications		
		Horizontal	Vertical			Rated Torque (Nm)	Rated speed (Rpm)	AKM servo motor
LEFS(H)25□NZH-□	50 to 800	10	4	1500	20	0,32	3000	AKM12□-AN
LEFS(H)25□NZA-□		20	8	900	12			
LEFS(H)25□Nzb-□			15	450	6			
LEFS(H)32□NVH-□	50 to 1000	30	5	1500	24	0,64	3000	AKM21□-AN AKM22□-AN
LEFS(H)32□NVA-□		40	10	1000	16			
LEFS(H)32□NVB-□			20	500	8			
LEFS(H)40□NVH-□	150 to 1200	30	7	1500	30	1,3	3000	AKM24□-AN
LEFS(H)40□NVA-□		50	15	1000	20			
LEFS(H)40□NVB-□			60	500	10			

LEFB Series Belt driven



- Positioning repeatability: $\pm 0,06\text{mm}$.
- Top or bottom motor mounting

Series	Stroke [mm]	Workload [kg]		Max. Speed [mm/s]	Servo motor specifications		
		Horizontal	Vertical		Rated Torque (Nm)	Rated speed (Rpm)	AKM servo motor
LEFB25□NZS-□	300 to 2000	5	Not Recommended	2000	0,32	3000	AKM12□-AN
LEFB32□NVS-□	300 to 2500	15		2000	0,64	3000	AKM21□-AN AKM22□-AN
LEFB40□NVS-□	300 to 3000	25		2000	1,3	3000	AKM24□-AN

LEJ Series Ball screw



OUR MOST RIGID ELECTRIC ACTUATOR

- Low profile and low centre of gravity (58 or 73 mm height)
- Double axis linear guide construction provides high-precision and high rigidity
- Dustproof construction, as it is equipped with seal band as standard
- Positioning repeatability: $\pm 0,02\text{mm}$ (standard) ($\pm 0,01\text{mm}$ with H-option)

Series	Stroke [mm]	Workload [kg]		Max. Speed [mm/s]	Servo motor specifications		
		Horizontal	Vertical		Rated Torque (Nm)	Rated speed (Rpm)	AKM servo motor
LEJS(H)40□NZH-□	200 to 1200	15	3	1800	0,32	3000	AKM12□-AN
LEJS(H)40□NZA-□		30	5	1200			
LEJS(H)40□Nzb-□		55	10	600			
LEJS(H)63NVH-□	300 to 1500	30	6	1800	0,64	3000	AKM21□-AN AKM22□-AN
LEJS(H)63NVA-□		45	10	1200			
LEJS(H)63NVB-□		85	20	600			

Electric Actuator Rod Type

LEY Series Ball screw

LEY



YOUR EVERYDAY TRANSFER OR FORCE SOLUTION

- Standard auto-switches can be mounted
- Mounting flexibility: three position for direct mounting and three types of mounting brackets, plus rod end brackets
- Motor position optional next or in line (D) with the actuator (included in part number)
- Positioning repeatability: $\pm 0,02\text{mm}$ (standard) ($\pm 0,01\text{mm}$ with H-option)

LEY Series	Stroke [mm]	Workload [kg]		Pushing force [N]	Max. Speed [mm/s]	Servo motor specifications		
		Horizontal	Vertical			Rated Torque (Nm)	Rated speed (Rpm)	AKM servo motor
LEY(H)25□NZA-□□□□	30 to 400	18	8	65 to 131	900	0,32	3000	AKM12□-AN
LEY(H)25□NZB-□□□□		50	16	127 to 255	450			
LEY(H)25□NZC-□□□□			30	242 to 485	225			
LEY(H)32□NZA-□□□□	30 to 500	30	9	79 to 157	1200	0,64	3000	AKM12□-AN AKM22□-AN
LEY(H)32□NZB-□□□□		60	19	154 to 308	600			
LEY(H)32□NZC-□□□□			37	294 to 588	300			
LEY(H)32□DNVA-□□□□	30 to 500	30	12	98 to 197	1000	0,64	3000	AKM12□-AN AKM22□-AN
LEY(H)32□DNVB-□□□□		60	24	192 to 385	500			
LEY(H)32□DNVC-□□□□			46	386 to 736	250			
LEY63□DNA-□□□□-X434	100 to 800	40	19	156 to 521	1000	1,27	3000	AKM315 -GCMNR-02
LEY63□DNB-□□□□-X434		70	38	304 to 1012	500			
LEY63□DNC-□□□□-X434		80	72	573 to 1910	250			

LEYG Series Ball screw

LEYG



Integrated guide rod actuator

LATERAL LOAD RESISTANCE AND HIGH NON-ROTATING ACCURACY

- Slide bearing; suitable for lateral load applications such as stoppers
- Ball bushing bearing; suitable for pusher and lifter positioning

LEYG Series	Stroke [mm]	Workload [kg]		Pushing force [N]	Max. Speed [mm/s]	Servo motor specifications			
		Horizontal	Vertical			Rated Torque (Nm)	Rated speed (Rpm)	AKM servo motor	
LEY(H)G25□NZA-□□□□	30 to 300	18	7	65 to 131	900	0,32	3000	AKM12□-AN	
LEY(H)G25□NZB-□□□□		50	15	127 to 255	450				
LEY(H)G25□NZC-□□□□			29	242 to 485	225				
LEY(H)G32□DNVA-□□□□		60	30	10	98 to 197	1000	0,64	3000	AKM12□-AN AKM22□-AN
LEY(H)G32□DNVB-□□□□			44	22	192 to 385	500			
LEY(H)G32□DNVC-□□□□				368 to 736	250				

Note: All AKM1* servo motors can be replaced/exchanged with DSM5.0x motors



Please check our website

24Vdc Stepper Motor Actuators with encoder



Electric Gripper
Series LEH



Electric Slide
Table
Series LES



Electric Actuator/
Rod Type
Series LEY



Electric Actuator/
Slider Type
Series LEF



Electric Actuator/
Rotary Type
Series LER



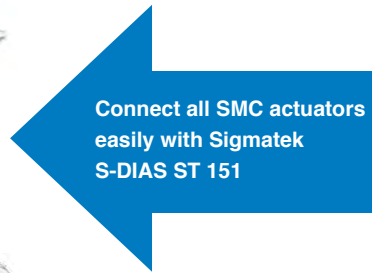
Electric Actuator/
Miniature
Series LEP



Electric Actuator/
Slider Type, Low
Profile, Series LEM



Electric Actuator/
Guide Rod Slider,
Series LEL



Please check
our website

Communication Protocols with SMC controllers



Programless type
Series LECP 1/2
I/O input type
Series LECP6



JXC91

EtherNet/IP



JXCE1

EtherCAT



JXCP1

PROFINET



JXCD1

DeviceNet



JXCL1

IO-Link



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