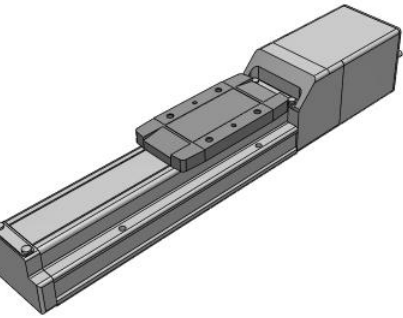




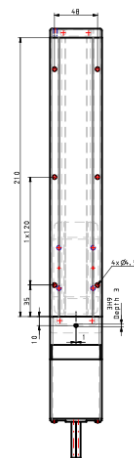
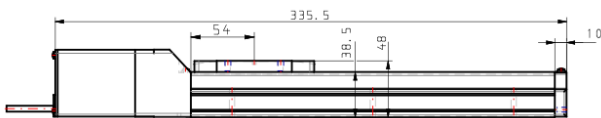
LEFS, Ball Screw Drive LEFS25B-100-R36P1

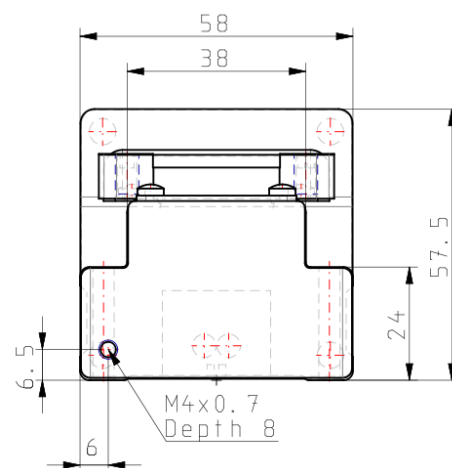
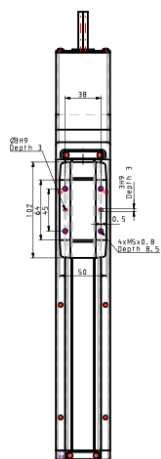
Datasheet

- Simplicity of installation and operation
- Locking mechanism for drop prevention
- Adjustable speed and positioning
- Compatible encoders: LEC*6, LECP*, JXC73/83, JXC92/93 & JXC*1.

Accuracy	Basic Type
Size	25 mm
Motor Mounting Position	In-line
Motor	Step Motor [Servo 24 VDC]
Lead Screw	B (Size 16: 5 mm, Size 25: 6 mm, Size 32: 8 mm, Size 40: 10 mm)
Stroke	100 mm
Motor Option	w/o Lock
Auto Switch Mounting Bracket	None
Seal Band Stopper	Standard
Positioning Pin Hole	Housing B Bottom
Actuator Cable	R (Robotic Flexible Cable)
Actuator Cable Length	3 (3 m)
Controller	6P (LECP6/LECA6, PNP, Step Data Input Type)
I/O Cable Length	1 (1.5 m)
Protocol	None
Suffix	None
Controller Mounting	Screw
Option	None
Maximum ambient temperature	40 °C
Minimum ambient temperature	5 °C
General power supply	24 V DC ±10 %
Conform to the European RoHS Directive	Conform
Approvals	CE
Impact/Vibration resistance	50/20 m/s²
Encoder	Incremental A/B phase (800 pulse/rotation)
Speed	6 - 400 mm/s
Max. Acceleration/deceleration	3,000 mm/s²
Weight	2.800 Kg

Dimensions

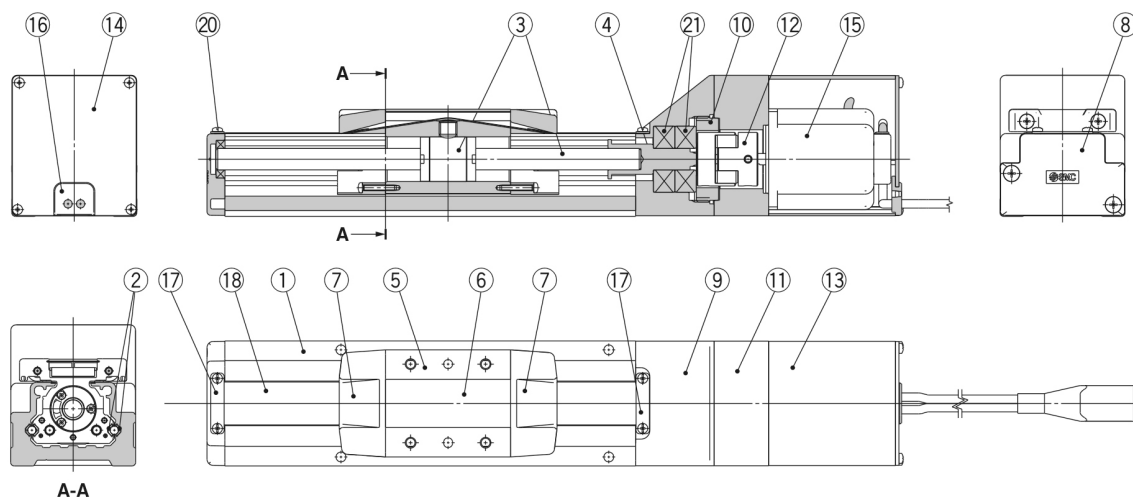




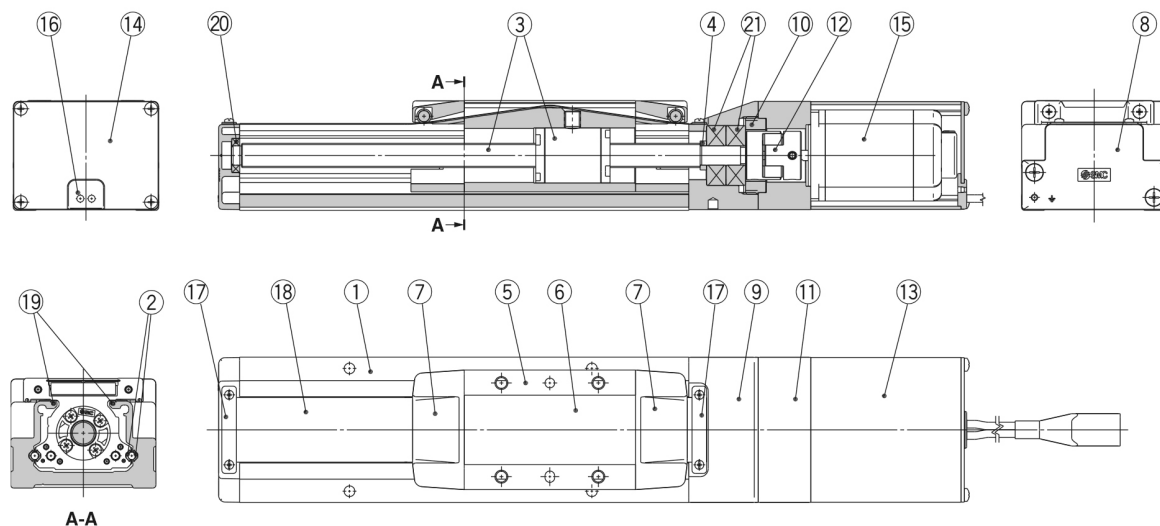
Constructions

Construction: In-line Motor

LEFS16, 25, 32



LEFS40



No.	Description	Material	Note
1	Body	Aluminium alloy	Anodised
2	Rail guide	—	
3	Ball screw assembly	—	
4	Spacer	LEFS40	—
5	Table	Aluminium alloy	Anodised
6	Blanking plate	Aluminium alloy	Anodised
7	Seal band holder	Synthetic resin	
8	Housing A	Aluminium die-casted	Coating
9	Housing B	Aluminium die-casted	Coating
10	Bearing stopper	Aluminium alloy	
11	Motor mount	Aluminium alloy	Coating

No.	Description	Material	Note
12	Coupling	—	
13	Motor cover	Aluminium alloy	Anodised
14	End cover	Aluminium alloy	Anodised
15	Motor	—	
16	Rubber bushing	NBR	
17	Band stopper	Stainless steel	
18	Dust seal band	Stainless steel	
19	Seal magnet	—	
20	Bearing	—	
21	Bearing	—	

Additional information

Catalogue

[LEF-Ee_EU.pdf](#)