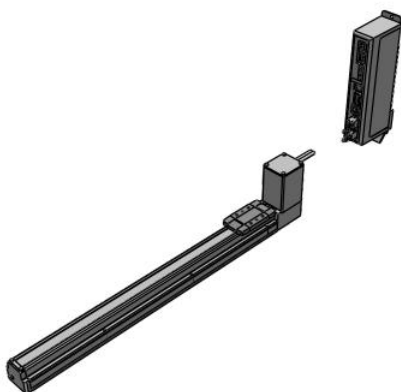




Belt Drive, 24V DC - LEFB LEFB16T-300-R5CEF8

Datasheet

General series information

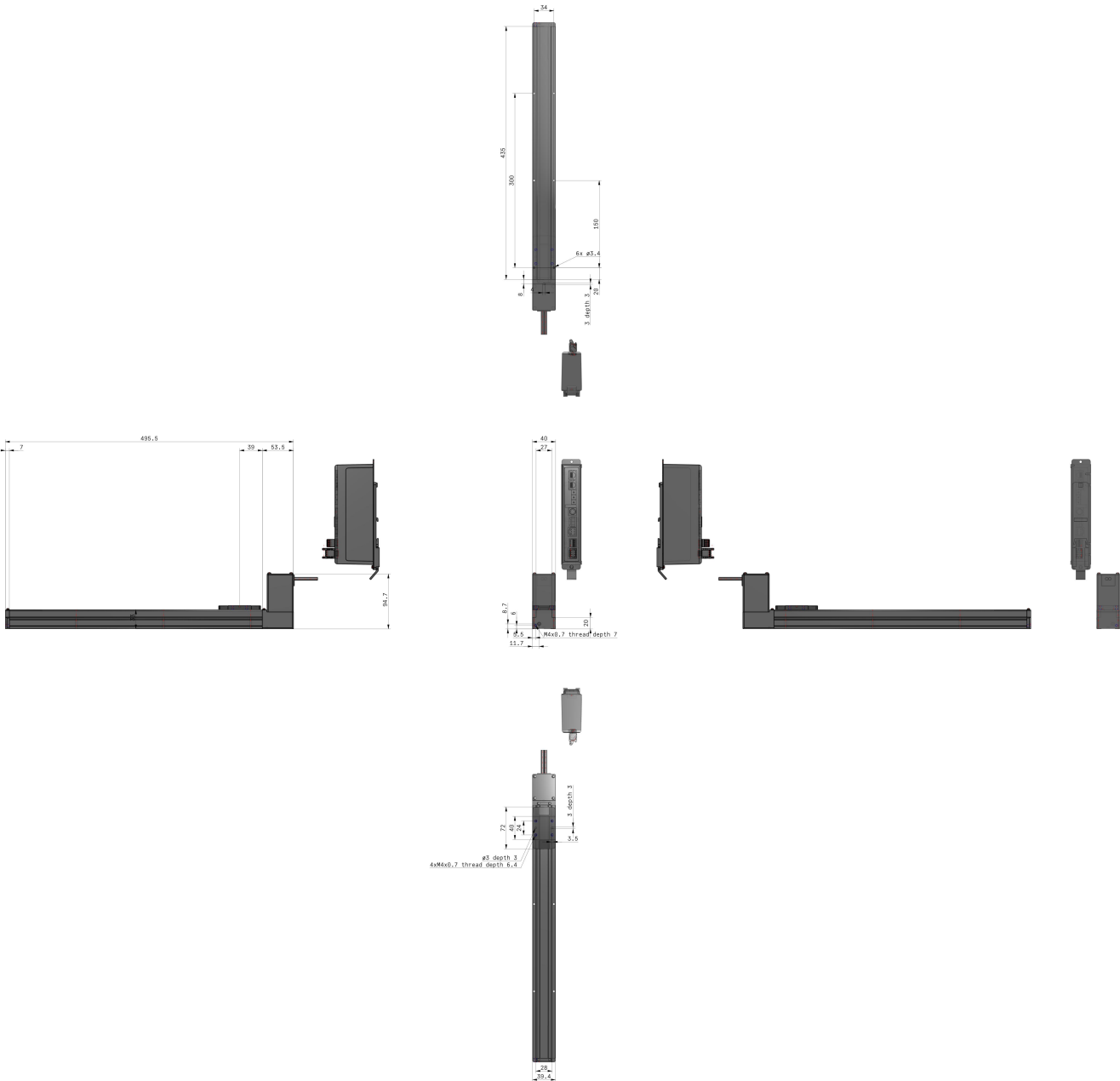
- Body size: 16, 25 and 32 mm.
- Stroke: 300 to 2000 mm.
- Step and servo motor types.

Standard specifications

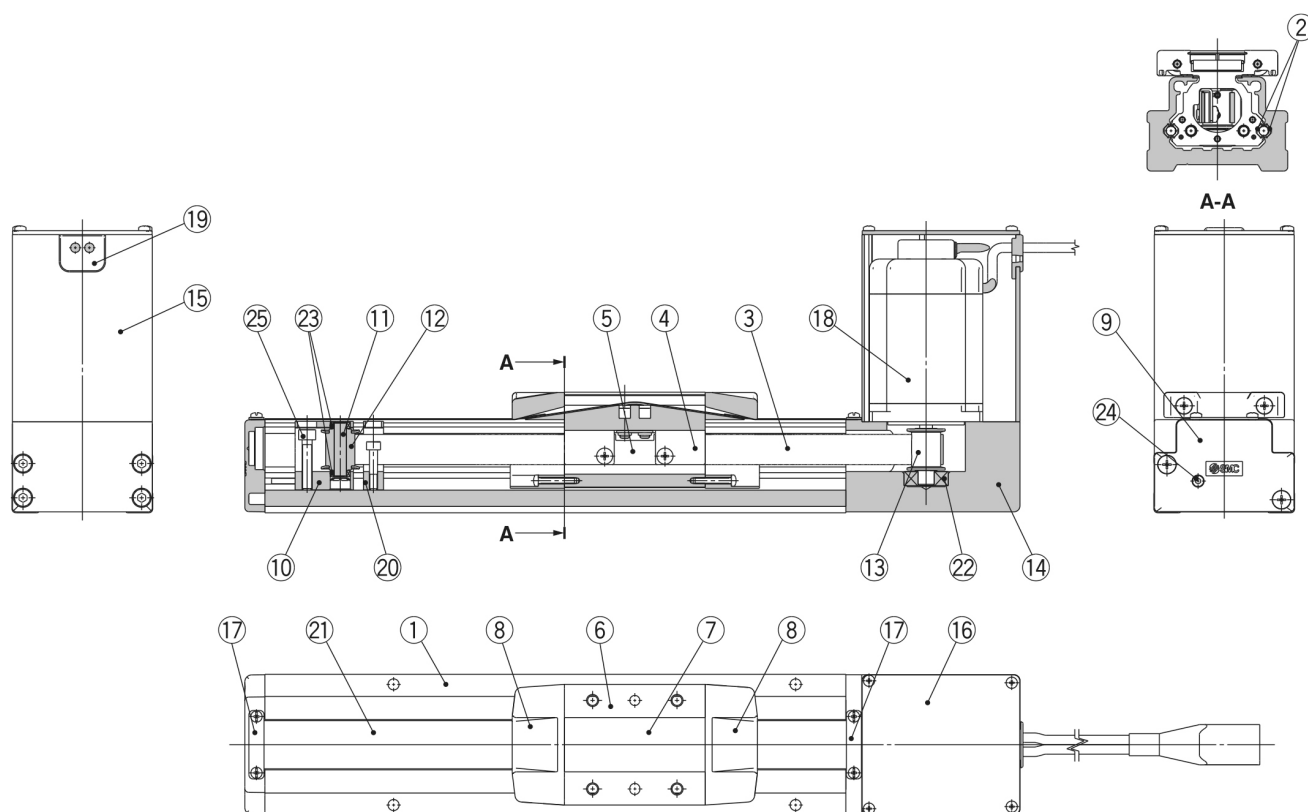
Size	16
Motor	Step Motor (Servo 24 VDC)
Stroke	300 mm
Motor Option	w/o Lock
Auto Switch Mounting Bracket	None
Seal Band Stopper	Standard
Positioning Pin Hole	Housing B Bottom
Actuator Cable	R (Robotic Flexible Cable)
Actuator Cable Length	5 (5m)
Controller	C (JXC, Step Motor Controller)
I/O cabling for LEC controllers	Without Cable
Protocol	E (EtherCAT®)
Suffix	F (With STO Sub-Function)
Controller Mounting	8 (DIN Rail)
I/O cabling for JXC Controllers and communication plug connector	None
Approvals	CE
Impact/Vibration resistance	50/20 m/s ²
Encoder	Incremental A/B phase (800 pulse/rotation)
Power supply	24 VDC ±10 %

Horizontal work load	48 - 1100 mm/s
Speed	1 kg
Max. Acceleration/deceleration	3000 mm/s ²
Positioning repeatability	± 0.08 mm
Lost motion	0.1 mm
Operating temperature range	5 - 40 °C

Dimensions



Constructions



No.	Description	Material	Note
1	Body	Aluminium alloy	Anodised
2	Rail guide	—	
3	Belt	—	
4	Belt holder	Carbon steel	Chromating
5	Belt stopper	Aluminium alloy	Anodised
6	Table	Aluminium alloy	Anodised
7	Blanking plate	Aluminium alloy	Anodised
8	Seal band holder	Synthetic resin	
9	Housing A	Aluminium die-cast	Coating
10	Pulley holder	Aluminium alloy	
11	Pulley shaft	Stainless steel	
12	End pulley	Aluminium alloy	Anodised
13	Motor pulley	Aluminium alloy	Anodised
14	Motor mount	Aluminium alloy	Anodised
15	Motor cover	Aluminium alloy	Anodised
16	End cover	Aluminium alloy	Anodised
17	Band stopper	Stainless steel	
18	Motor	—	
19	Rubber bushing	NBR	
20	Stopper	Aluminium alloy	
21	Dust seal band	Stainless steel	
22	Bearing	—	
23	Bearing	—	
24	Tension adjustment bolt	Chromium molybdenum steel	Chromating
25	Pulley fixing bolt	Chromium molybdenum steel	Chromating

Additional information

Catalogue	LEF-F_EU.pdf
Declaration of conformity	newDoC_LEFx_11-LEFx_stepDC-servoDC_EN.pdf newDoC_LEFx_TF125-467EN.pdf
Installation manuals	IM_LEF_StepDC_EN_A.pdf IM_LEFx_servoDC_EN.pdf
Operation manuals	OM_LEFx_stepDC-servoDC_EN-B.pdf