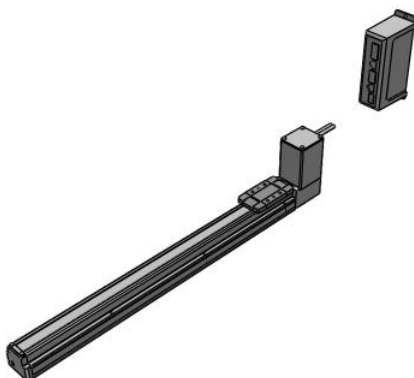




Belt Drive, 24V DC - LEFB LEFB16T-300-R3AP3

Datasheet

General series information

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

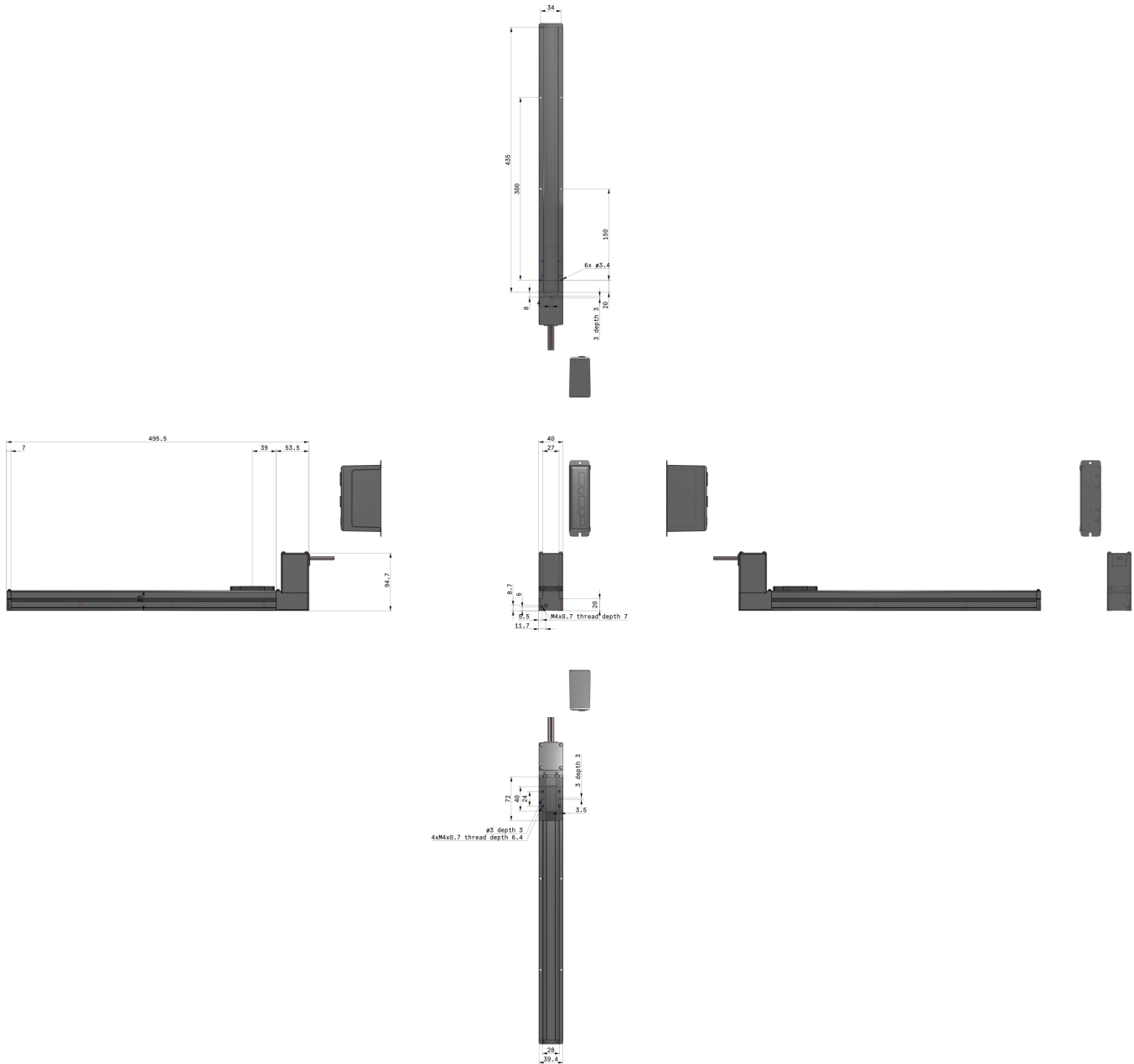
Standard specifications

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	3 (3m)
Controller	AP (LECPA, PNP, Pulse input Type)
I/O cabling for LEC controllers	3 (3m)
Protocol	None
Suffix	None
Controller Mounting	Screw
I/O cabling for JXC Controllers & 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 %

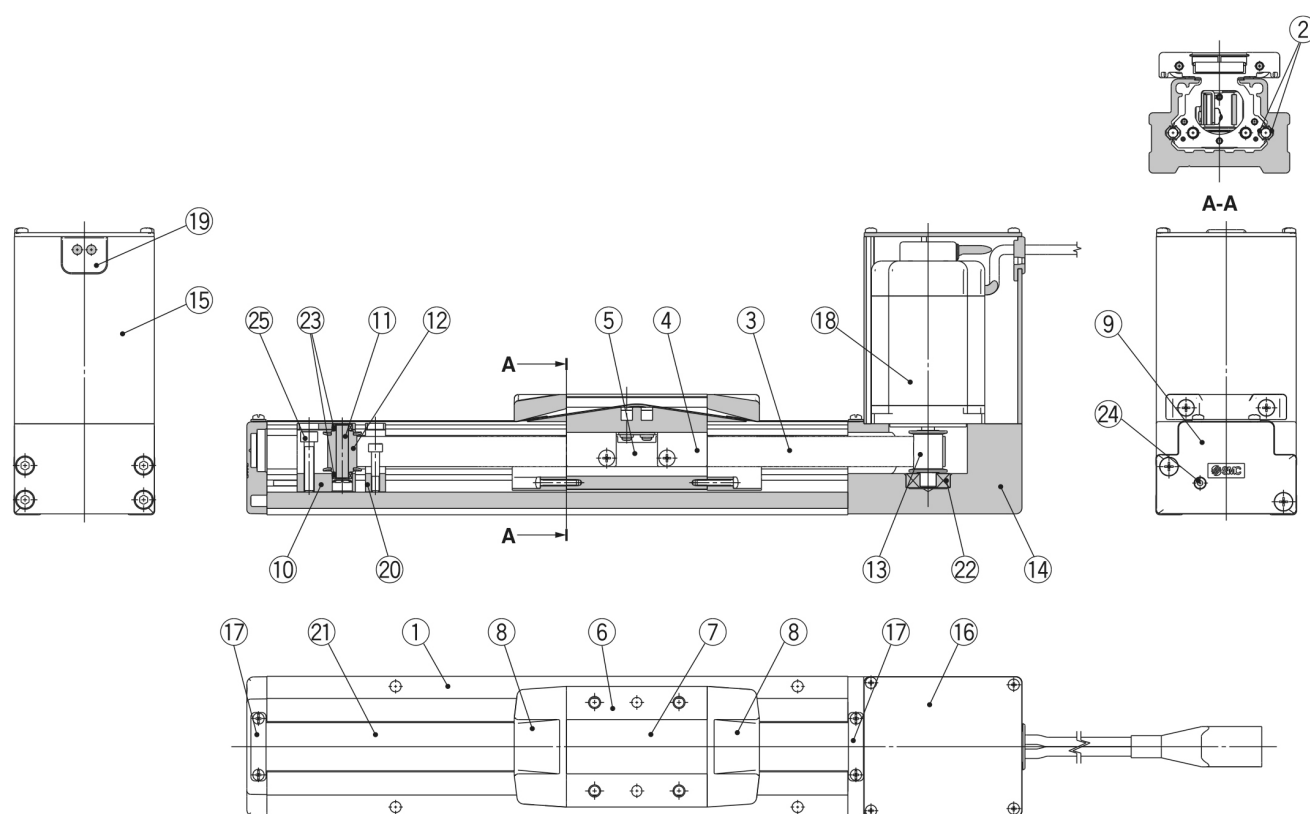
Horizontal work load	48 - 1100 mm/s
Speed	1 kg
Max. Acceleration/deceleration	3000 mm/s ²
Positioning repeatability	± 0.08 mm
Lost motion	0.1 mm
Operating temperature range	5 - 40 °C

Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

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-TF1Y266EN.pdf
Installation manuals	IM_LEFx_stepDC_EN.pdf IM_LEFx_servoDC_EN.pdf
Operation manuals	OM_LEFx_stepDC-servoDC_EN-A.pdf