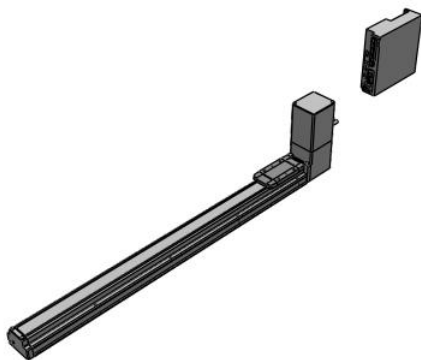




AC Servo Motor 100/200/400W - LEFB LEFB25S2S-500-S5A2H

Datasheet

General series information

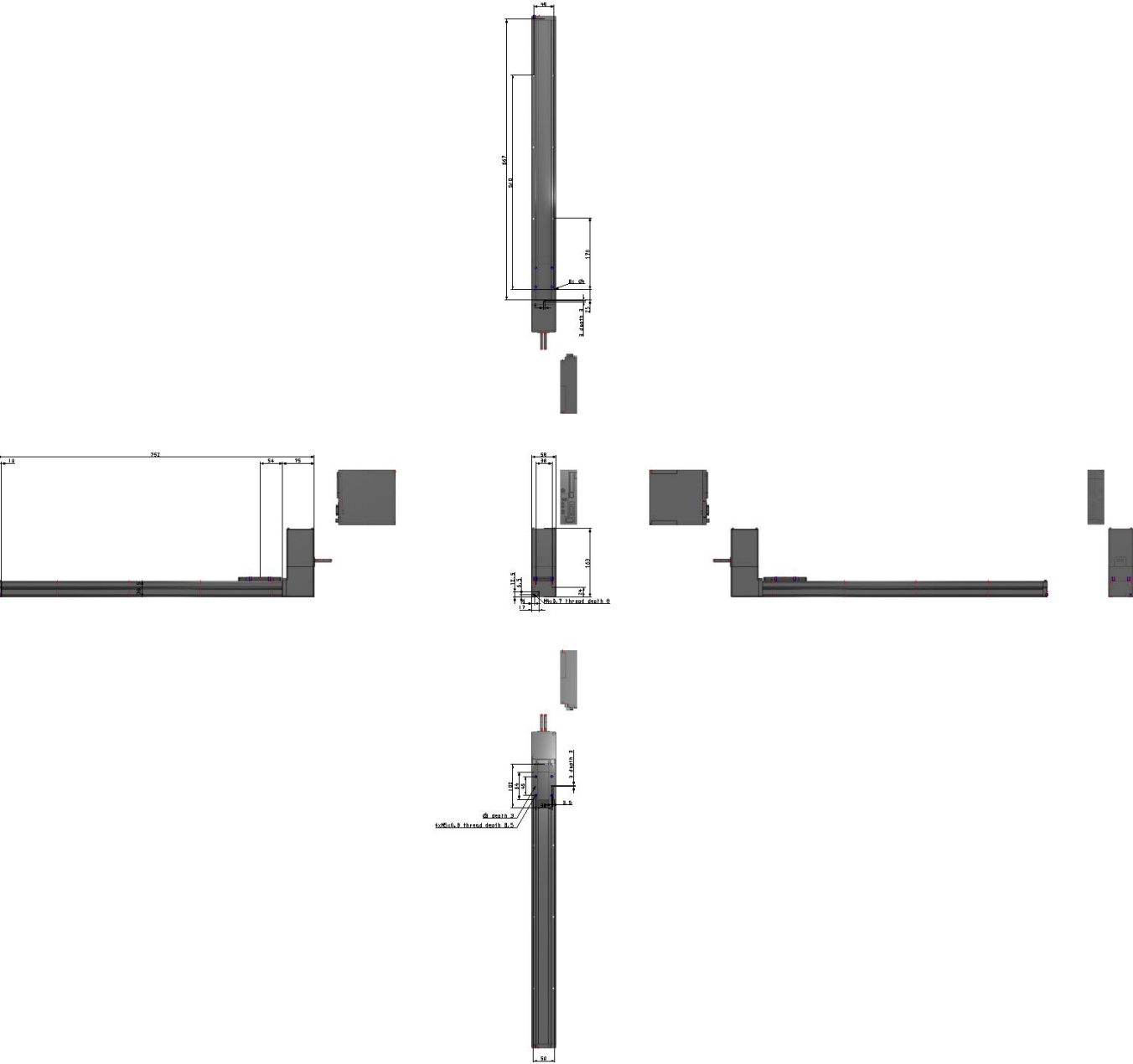
- Body size: 25, 32 and 40 mm
- Stroke: 300 to 3000 mm.

Standard specifications

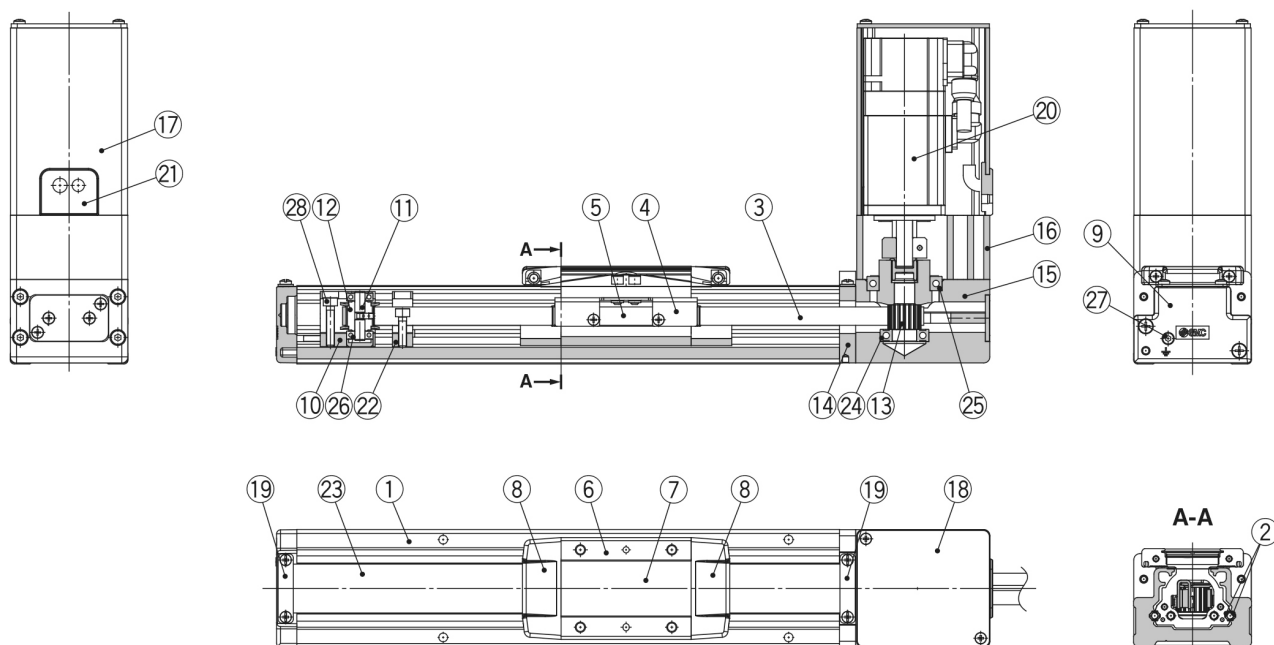
Size	25
Motor Mounting Position	Top Mounting Type
AC Servo Motor	S2 (100W Output, Incremental Encoder, LECSA)
Stroke	500mm
Motor Option	None
Auto Switch Mounting Bracket	None
Positioning Pin Hole	Housing B Bottom
Actuator Cable	S (Standard Cable)
Cable length	5 (5m)
Driver	A2 (LECSA2 200 V to 230 V)
I/O Connector	H (w/Connector)
Approvals	CE
Impact/Vibration resistance	50/20 m/s ²
Encoder	Incremental 17-bit encoder (Resolution: 131072 p/rev)
Power supply	200 - 230 V
Horizontal work load	5 kg
Max. Acceleration/deceleration	20000 mm/s ²
Positioning repeatability	± 0.06 mm
Lost motion	0.1 mm
Operating temperature range	5 - 40 °C
Max. speed	2000 mm/s

Weight	5.185 Kg
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Dimensions



Constructions



* Motor bottom mounting type is the same.

Component Parts

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	Return flange	Aluminium alloy	Coating

Component Parts

No.	Description	Material	Note
15	Housing	Aluminium alloy	Coating
16	Motor mount	Aluminium alloy	Coating
17	Motor cover	Aluminium alloy	Anodised
18	Motor end cover	Aluminium alloy	Anodised
19	Band stopper	Stainless steel	
20	Motor		
21	Rubber bushing	NBR	
22	Stopper	Aluminium alloy	
23	Dust seal band	Stainless steel	
24	Bearing		
25	Bearing		
26	Spacer	Stainless steel	
27	Tension adjustment cap screw	Chromium molybdenum steel	Chromating
28	Pulley retaining screw	Chromium molybdenum steel	Chromating

Additional information

Catalogue	LEF-F_EU.pdf
Declaration of conformity	newDoC_LEF_TF1Y267EN.pdf newDoC_LEFx_11-LEFx_servoAC_LECSS-T_EN.pdf newDoC_LEFx_TF1Y269EN.pdf newDoC_LEF_TF1Y270EN-A.pdf newDoC_LEFx_11-LEFx_servoAC_LECSA_EN.pdf newDoC_LEFx_TF1Y268EN.pdf newDoC_LEF_TF1Y268EN.pdf newDoC_LEFx_11-LEFx_servoDC_servoAC_LECSx_EN.pdf newDoC_LEFx_11-LEFx_servoDC_servoAC_LECYx_EN.pdf
Installation manuals	IM_LEFx_servoAC_EN.pdf
Operation manuals	OM_LEFx_servoAC_LECSx_LECSS-T_LECYx_EN.pdf