

Belt Drive - LEJB LEJB40S2T-500

Datasheet

- Body size: 40 and 63 mm.
- Stroke: 200 to 3000 mm.
- AC Servo Motor, 100/200W.
- High-precision and high-rigidity with a double axis linear guide construction.

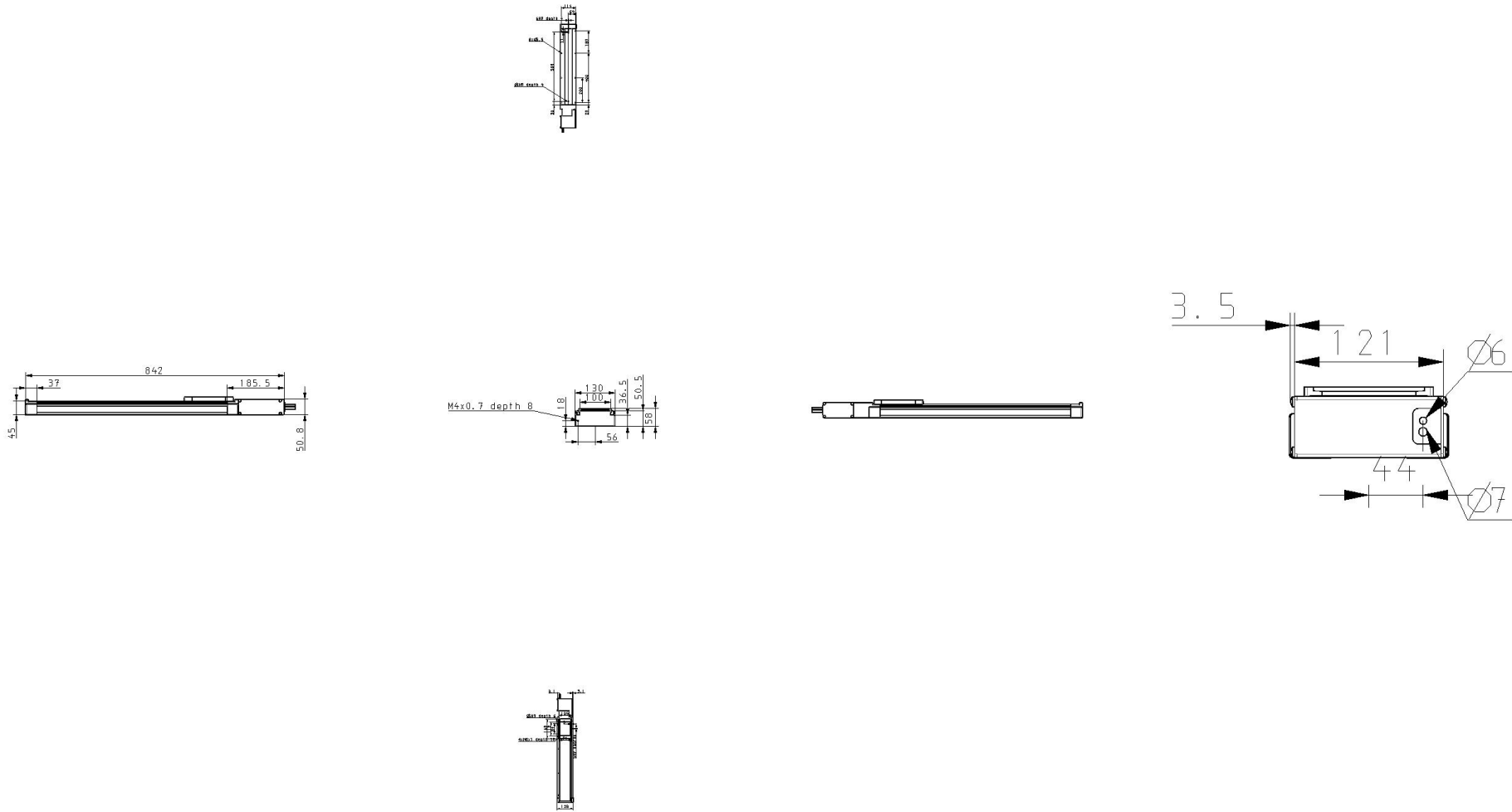
Standard specifications

Size	40
Motor Type	S2 (100W Output, Incremental Encoder, LECSA)
Lead Screw	T (Size 40: 27mm, Size 63: 42mm)
Stroke	500 mm
Motor Option	w/o Lock
Actuator Cable type	Without Cable
Actuator Cable Length	Without Cable
Driver Type	Without Driver
I/O Cable Length	Without Cable
Maximum ambient temperature	40 °C
Minimum ambient temperature	5 °C
Conform to the European RoHS Directive	Conform
Approvals	CE
Positioning repeatability	± 0.04 mm
Lost motion	0.1 mm or less
Impact/Vibration resistance	50/20 m/s ²
Encoder	Incremental 17-bit encoder (Resolution: 131072 p/rev)
Horizontal work load	20 kg
Max. Acceleration/deceleration	20000 mm/s ²
Max. speed	2000 mm/s

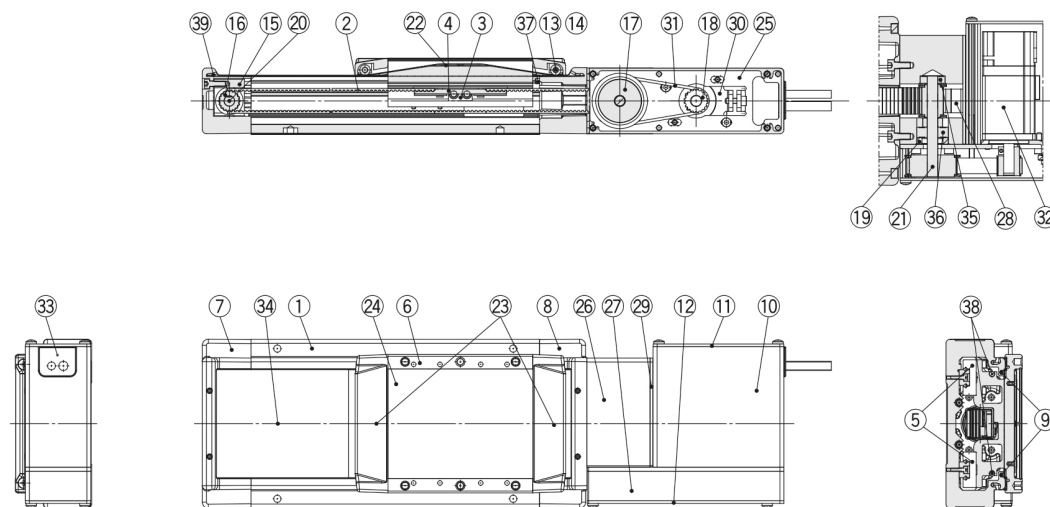
Weight

7.748 Kg

Dimensions



Constructions



Component Parts

No.	Description	Material	Note
1	Body	Aluminium alloy	Anodised
2	Belt	—	
3	Belt holder	Carbon steel	
4	Belt stopper	Aluminium alloy	
5	Linear guide assembly	—	
6	Table	Aluminium alloy	Anodised
7	Housing A	Aluminium alloy	Coating
8	Housing B	Aluminium alloy	Coating
9	Seal magnet	—	
10	Motor cover	Aluminium alloy	Anodised
11	End cover A	Aluminium alloy	Anodised
12	End cover B	Aluminium alloy	Anodised
13	Roller shaft	Stainless steel	
14	Roller	Synthetic resin	
15	Pulley holder	Aluminium alloy	
16	Drive pulley	Aluminium alloy	
17	Speed reduction pulley	Aluminium alloy	
18	Motor pulley	Aluminium alloy	
19	Spacer	Aluminium alloy	
20	Pulley shaft A	Stainless steel	

No.	Description	Material	Note
21	Pulley shaft B	Stainless steel	
22	Table cap	Synthetic resin	
23	Seal band holder	Synthetic resin	
24	Blanking plate	Aluminium alloy	Anodised
25	Motor mount plate	Carbon steel	
26	Pulley block	Aluminium alloy	Anodised
27	Pulley cover	Aluminium alloy	Anodised
28	Belt stopper	Aluminium alloy	
29	Side plate	Aluminium alloy	Anodised
30	Motor plate	Carbon steel	
31	Belt	—	
32	Motor	—	
33	Grommet	NBR	
34	Dust seal band	Stainless steel	
35	Bearing	—	
36	Bearing	—	
37	Stopper pin	Stainless steel	
38	Magnet	—	
39	Seal band stopper	Stainless steel	

Additional information

Catalogue	LEJ-Ccc_EU.pdf
Declaration of conformity	newDoc_LEJx_11-LEJx_servoAC_LECSx-T_EN-B.pdf newDoc_LEJx_11-LEJx_servoAC_LECYx_EN-A.pdf newDoc_LEJx_11-LEJx_servoAC_LECSA-EN-A.pdf newDoc_LEJx_11-LEJx_servoAC_LECSx_EN-A.pdf
Installation manuals	IM_LEJ_servoAC_EN.pdf
Operation manuals	OM_LEJx_LEJS-X400_servoAC_EN.pdf