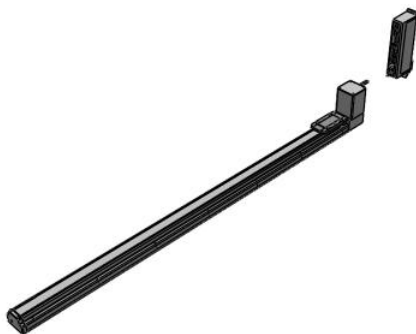




## Belt Drive, 24V DC - LEFB LEFB25T-900-R5C9F8

### Datasheet

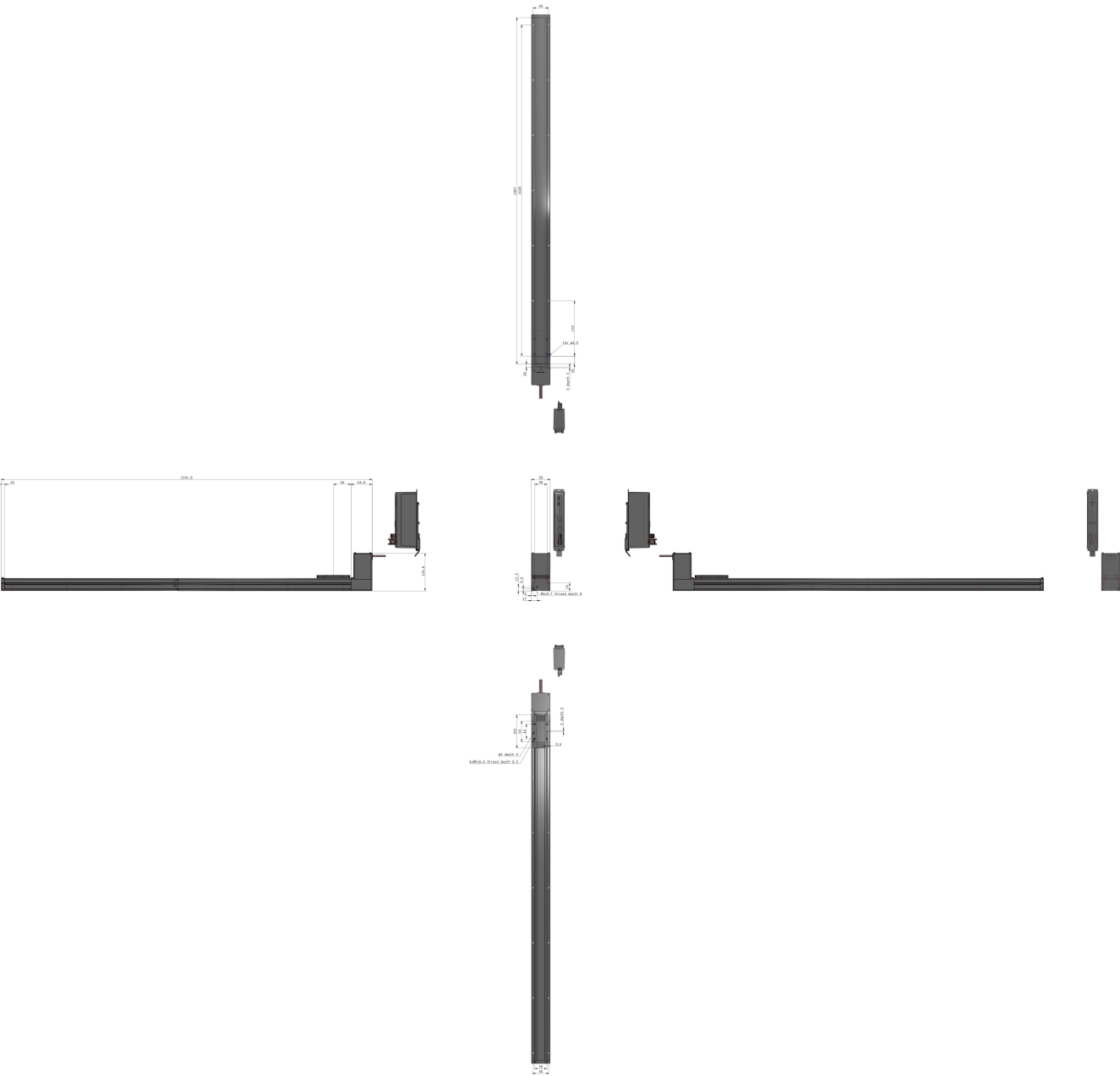
### General series information

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

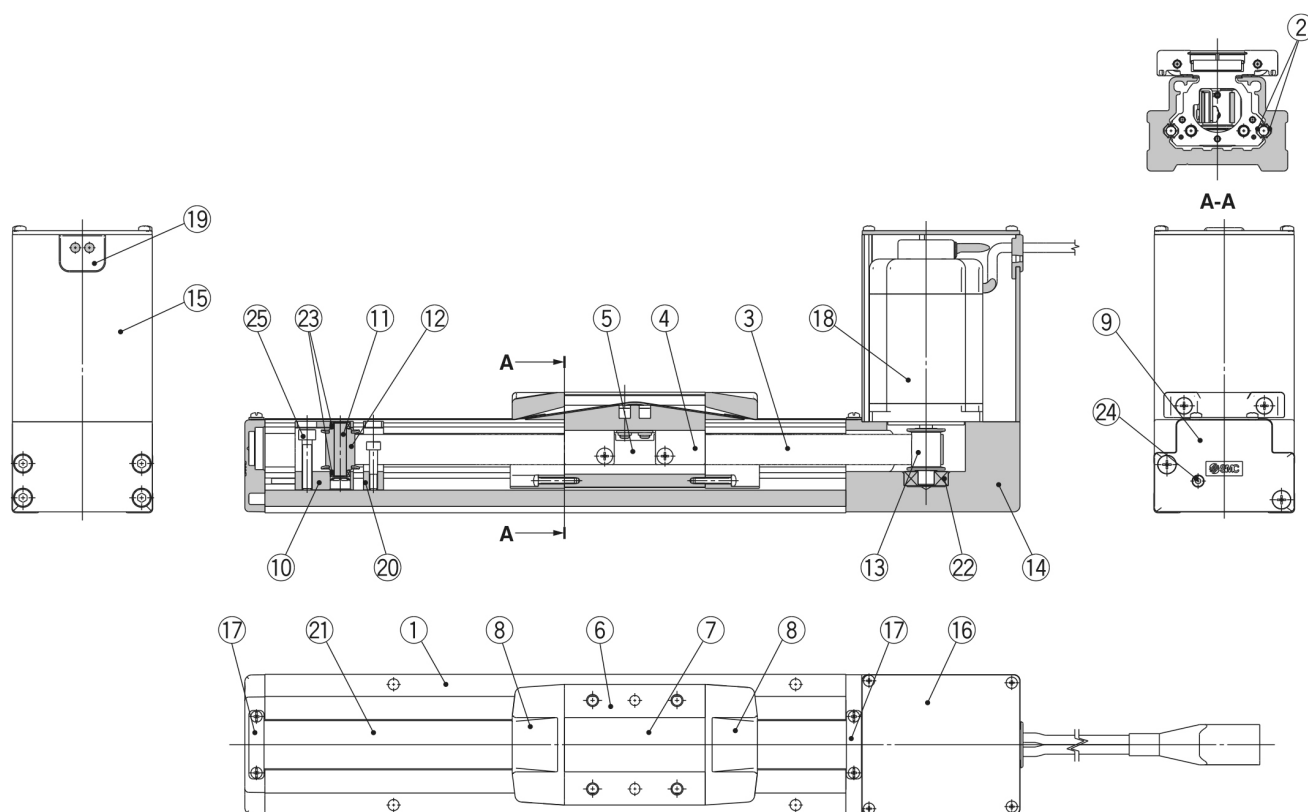
### Standard specifications

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| Size                                                             | 25                                         |
| Motor                                                            | Step Motor (Servo 24 VDC)                  |
| Stroke                                                           | 900 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                                                         | 9 (EtherNet/IP)                            |
| 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 <sup>2</sup>                     |
| Encoder                                                          | Incremental A/B phase (800 pulse/rotation) |
| Power supply                                                     | 24 VDC ±10 %                               |

|                                |                        |
|--------------------------------|------------------------|
| Horizontal work load           | 5 - 2000 mm/s          |
| Max. Acceleration/deceleration | 3000 mm/s <sup>2</sup> |
| Positioning repeatability      | ± 0.08 mm              |
| Lost motion                    | 0.1 mm                 |
| Operating temperature range    | 5 - 40 °C              |



## Constructions



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

## Additional information

|                           |                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------|
| Catalogue                 | <a href="#">LEF-F_EU.pdf</a>                                                                             |
| Declaration of conformity | <a href="#">newDoC_LEFx_11-LEFx_stepDC-servoDC_EN.pdf</a><br><a href="#">newDoC_LEFx_TF125-467EN.pdf</a> |
| Installation manuals      | <a href="#">IM_LEF_StepDC_EN_A.pdf</a><br><a href="#">IM_LEFx_servoDC_EN.pdf</a>                         |
| Operation manuals         | <a href="#">OM_LEFx_stepDC-servoDC_EN-B.pdf</a>                                                          |