



## Standard Model - LEFS LEFS25A-600-R5CEF8

### Datasheet

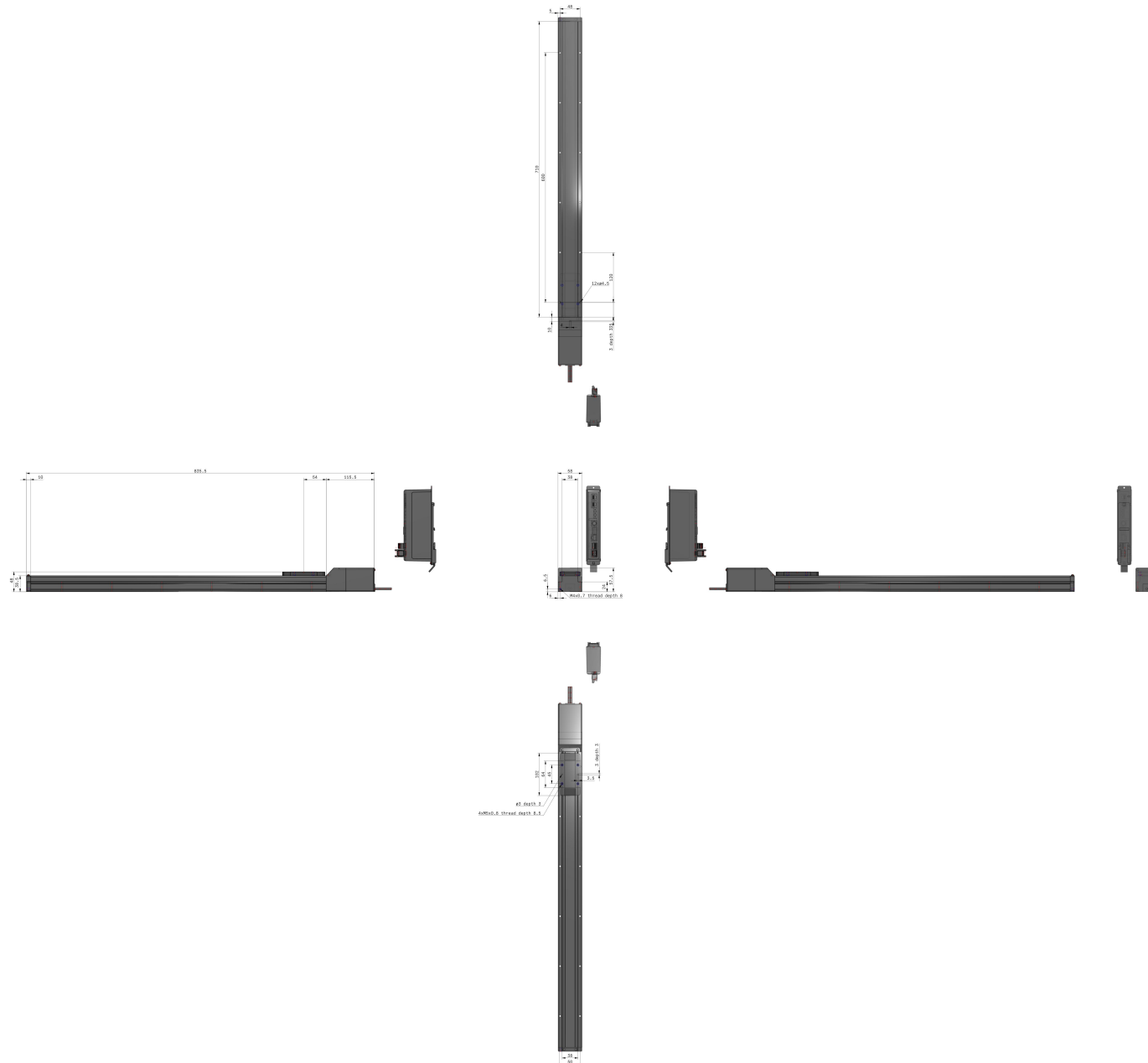
### General series information

- Body size: 16, 25, 32 and 40 mm
- Stroke: 50 to 1200 mm
- Acceleration: up to 3000 mm/s<sup>2</sup>
- Speed: up to 1200 mm/s
- Step and servo motor types
- Encoder: incremental.

### Standard specifications

|                                 |                                                                    |
|---------------------------------|--------------------------------------------------------------------|
| Accuracy                        | Basic Type                                                         |
| Size                            | 25 mm                                                              |
| Motor Mounting Position         | In-line                                                            |
| Motor                           | Step Motor [Servo 24 VDC]                                          |
| Lead Screw                      | A (Size 16: 10 mm, Size 25: 12 mm, Size 32: 16 mm, Size 40: 20 mm) |
| Stroke                          | 600 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 (5 m)                                                            |
| 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                                       |
| Maximum ambient temperature                                      | 40 °C;40 °C                                |
| Minimum ambient temperature                                      | 5 °C;5 °C                                  |
| General power supply                                             | 24 V DC $\pm 10$ %;24 V DC $\pm 10$ %      |
| Approvals                                                        | CE;UL/cUL                                  |
| Encoder                                                          | Incremental A/B phase (800 pulse/rotation) |



## 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>                                                          |