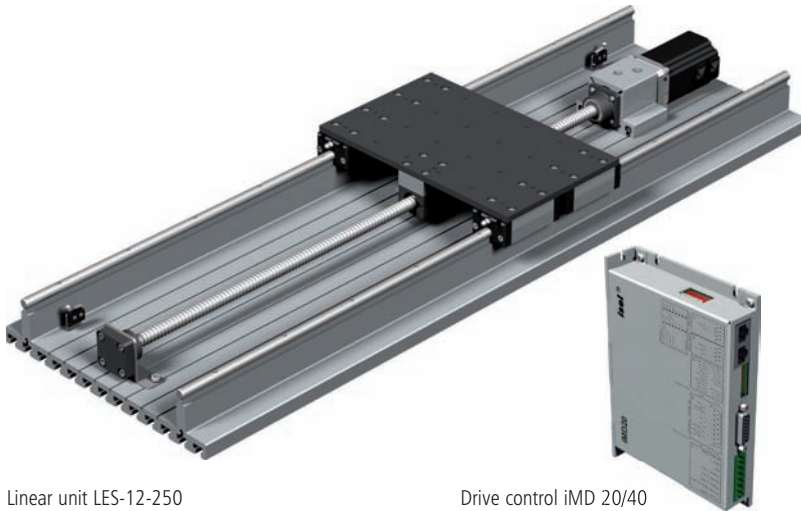


Linear unit with spindle drive

LES-12-250



Linear unit LES-12-250

Drive control iMD 20/40

Characteristics

- Aluminium shaft profile
W 325 x H 63.5 mm
- Length: 0.5 / 1.0 / 2.0 / 3.0 m
- 2 precision steel shafts \varnothing 12mm
with precisely milled shaft intakes
- 4 aluminium slides FS-12-0
- Centralised lubrication option
- with 2 limit or reference switches,
Repeat accuracy \pm 0.01 mm
- Ball screw assembly \varnothing 16x5 mm
- Motor module with servo motor

General

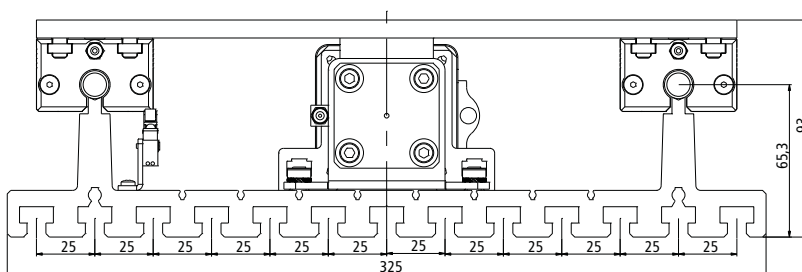
The LES series linear units with spindle drive feature a modular configuration and can be used for many applications. The rigid aluminium profiles with precision steel shafts form the basis. The feed motion is carried out with ball screw assemblies, stepper motors or servo motors are used as power drives. The LES series linear units can be used horizontally as well as

vertically. The patented shaft slide with continuous ball race is used as the guide slide. The supporting balls run between 2 ground steel pins and the guide shaft. Available in sizes up to 3 metres long, per customer specifications.

Technical specifications

Moment of inertia I_x	5637.55 cm ⁴
Moment of inertia I_y	121.37 cm ⁴
Cross-sectional area	53.63 cm ²
Material	AlMgSi0, 5F22
Anodisation	E6/EV1
Weight with steel shafts	14.41 kg/m

Scale drawing



Technical specifications subject to change.

Options:

- Other lengths (longer or shorter)
- Bellows cover
- Profile cover
- Ball screw assembly \varnothing 16x10 mm
- Ball screw assemblies \varnothing 25x5/10/20mm
- Motor module with stepper motor
- Spindle support 1.5 m and up
- Brake
- Drive control

Order data

- Item no.:** 238043 004907 (Length 0.5 m)
Item no.: 238043 009907 (Length 1 m)
Item no.: 238043 019907 (Length 2 m)
Item no.: 238043 029907 (Length 3 m)