LIMAline 60

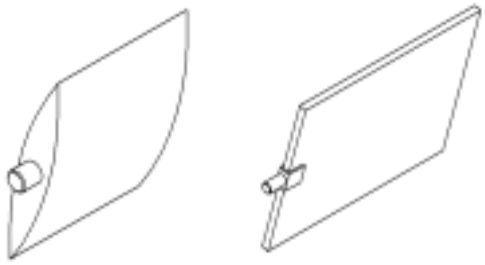
System Requirements / Applications / Checklist

The permitted application of the LIMAline 60 is for slats and elements with a symmetrical design and a symmetrical bearing.

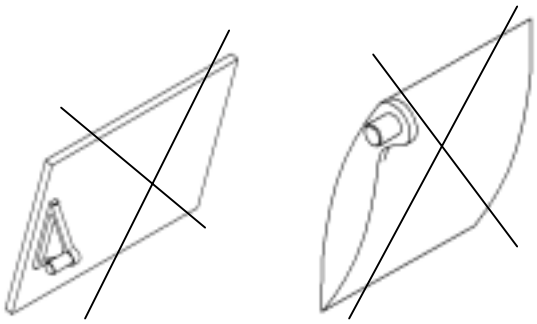
Note:

Other shapes, bearings and applications (e.g. asymmetrical) upon request.

Symmetrical:

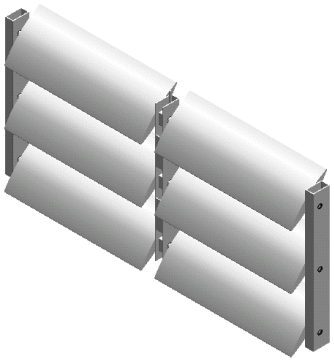


Asymmetrical:



Mounting position LIMAline 60: any

Slats with LIMAline 60 in the static profile:



The LIMAline 60 are mounted in the static profile provided by the customer.

Example: vertical

Vertical coupling

Example: horizontal

Horizontal coupling

elero GmbH Naßäckerstr. 11 Telefon (03647) 4607-0 info@elero-linear.de
Linearantriebstechnik D-07381 Pößneck Telefax (03647) 4607-40 http://www.elero.com

LIMAline 60

System Requirements / Applications / Checklist

Installation: ☐ Outside area
☐ Snow in slat area
☐ Frost in slat area

Installation: ☐ Indoors

Control unit: ☐ Automatic mode (see note below)
☐ Manual mode

Notes:
Any exceeding of the permitted torques (see Dimension sheet / technical data), for example due to wind speed, snow or frost, can be monitored by sensors provided by the customer. If the wind speed increases the slats are moved to the protective position (e.g. parallel to the façade). **The permitted torques (see Dimension sheet / technical data) must not be exceeded.**

Slat: Rotation angle _____°
Permitted rotation angle tolerances from design, manufacture, torsion and mounting per slat or drive interconnection ±_____°

Torque per slat _____Nm $_{dynamic}$, _____Nm $_{static}$
Permitted torques: (Dimension sheet / technical data)

Note:
The slats must never be driven against a seal or a limit stop. The slats must always be free to turn in every position.

Slat: Diameter and shape of the slat shaft / bearing journal _____mm

Slat dimensions _____mm x _____mm x _____mm long

Rotating speed of the slat_____ °/sec. (standard drive approx ca. 5,6°/sec)

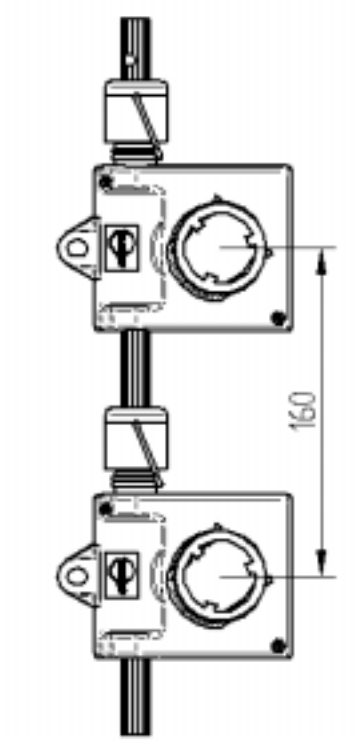
Type of bearing of both bearing journals: ☐ 1 or ☐ 2 (movable bearing)
☐ 1 or ☐ 2 (fixed bearing)

Materials of the components in which the slat shaft / bearing journals are supported:_____

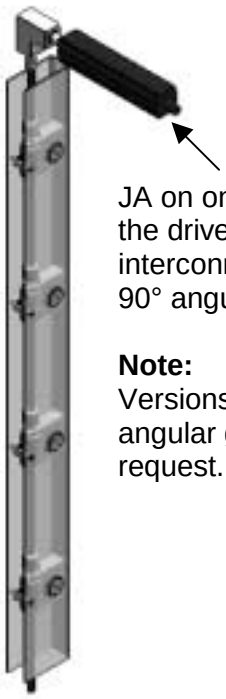
elero GmbH Naßäckerstr. 11 Telefon (03647) 4607-0 info@elero-linear.de
Linearantriebstechnik D-07381 Pößneck Telefax (03647) 4607-40 http://www.elero.com

Installation of the elero drive motor:

JA on one side of the drive interconnection (shaft dimension see table below)



JA between two LIMAline 60s (shaft dimension see table below)



Note:
Versions with angular gears upon request.

Drive JA	Driving torque (Nm) two-sided	Driving torque (Nm) one-sided	Shaft dimension A (min.) (mm) (JA in the middle)	Shaft dimension (min.) (mm) (JA in one side of the drive interconn.)
JA 20 dk	10,00 + 10,00	10	525	160 (< 160 upon request)
JA 10 dk	5,00 + 5,00	10	500	160 (< 160 upon request)
JA 06 dk	3,00 + 3,00	6,0	470	160 (< 160 upon request)
JA 05 Soft	2,50 + 2,50	5,0	470	160 (< 160 upon request)

Note:
In case of exterior mounting the protection of the JA from splash water must be provided by the customer. During the installation it is necessary to ensure that the setting switches (colour white and orange) are always at the bottom. Please fin further important about the JA drives in the attached JA operating instruction.

Further elero drive motors upon request.

Accessibility must be ensured for setting the end positions, commissioning the drive system and the inspection openings for maintenance. The DIN / EN accident prevention regulations must be observed.

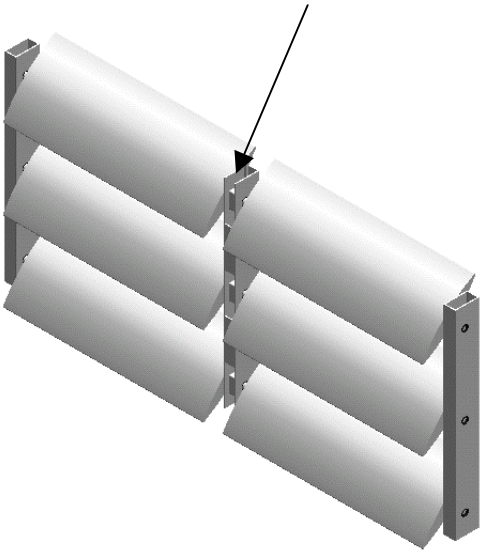
elero GmbH Naßäckerstr. 11 Telefon (03647) 4607-0 info@elero-linear.de
Linearantriebstechnik D-07381 Pößneck Telefax (03647) 4607-40 http://www.elero.com

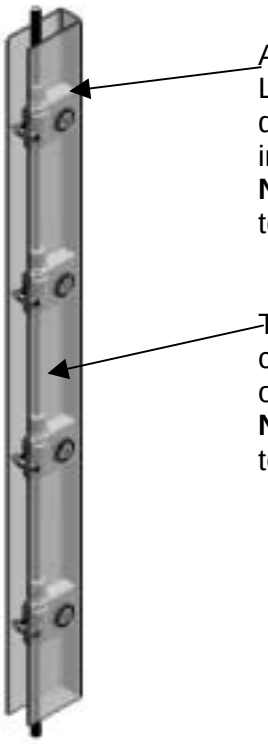
LIMAline 60

System Requirements / Applications / Checklist

LIMAline 60 per drive field:

The LIMAline 60 can be coupled on one and two sides.

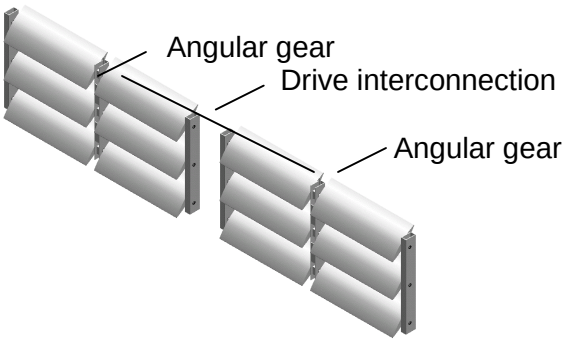




A maximum of 15 LIMAline 60s can be driven in one drive interconnection.
Note: With a max. driving torque of 20 Nm.

The elero 14 profile shaft can be a max. 5 m long in one drive interconnection.
Note: With a max. driving torque of 20 Nm.

How many slats are in one drive field: _____pcs.



Note:
Versions with several angular gears upon request.

How many drive fields are driven by one motor/drive interconnections: _____pcs.

Note:
We assume that a model will be prepared with your slats and our drive system.

Will a model installation be made: ☐ Yes ☐ No

Note: Please find further important information and advice in the attached mounting and setting instructions.

elero GmbH Naßäckerstr. 11 Telefon (03647) 4607-0 info@elero-linear.de
Linearantriebstechnik D-07381 Pößneck Telefax (03647) 4607-40 http://www.elero.com