

Springless sectional doors

Good combination of convenience and speed

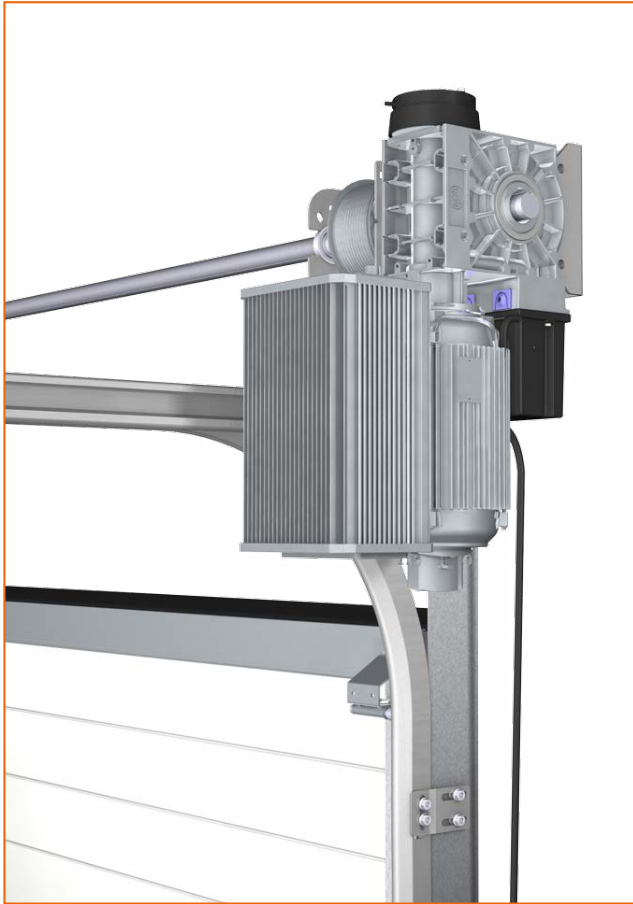


alpha opening doors everywhere

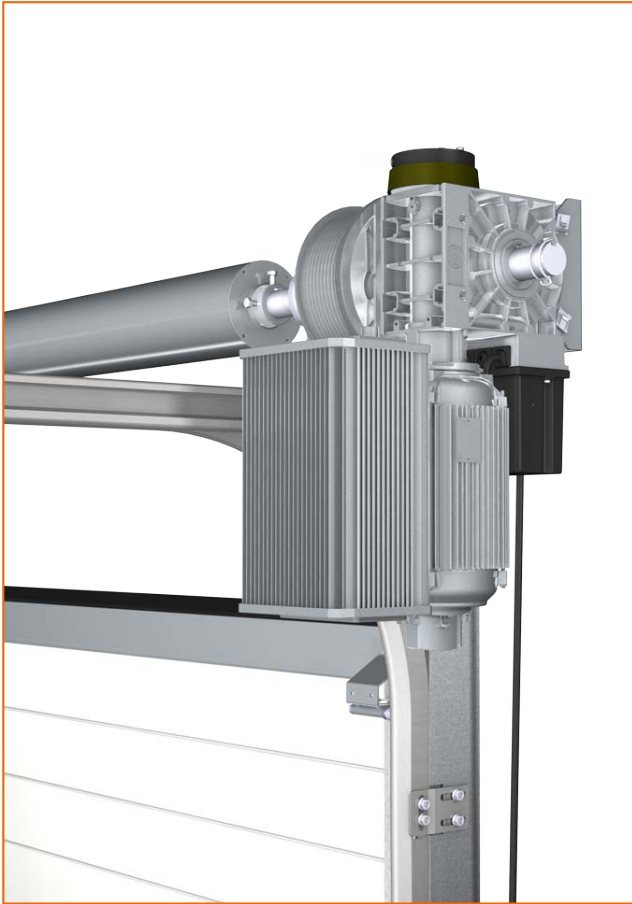


Springless sectional doors

FLL implementation



FLA implementation



Springless sectional doors

A spring-less sectional door makes sense... no balance springs. Another powerful motor, a motor support and other angular bearing plates provide the same performance as a standard sectional door with balancing springs. Springless sectional doors are available with a normal single speed drive (FLL) or with a frequency-controlled drive with a speed of up to 0.6 metres per second (FLL and FLA).



Standard sectional door with springs



Springless sectional door FLL



Springless sectional door FLA

When do you choose a springless sectional door and not a standard sectional door?

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Application



Situations with a high user frequency such as **parking garages**



The absence of springs ensures that these doors (in combination with stainless steel fittings) can be applied under certain conditions in **car washes**, for example.



A sectional door without springs also proves its added value in the event of **high warehouse racking or storage** and/or the use of **large equipment** such as shovels. An extra lift is not limited by the range of balance springs. As a result, the horizontal part of the rails can be raised to a great height (extra lift) before they turn).

Benefits

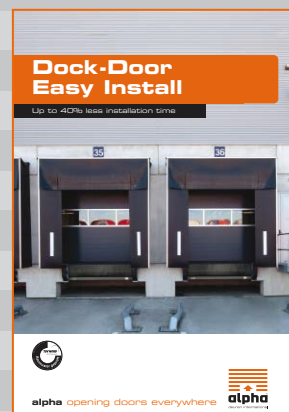
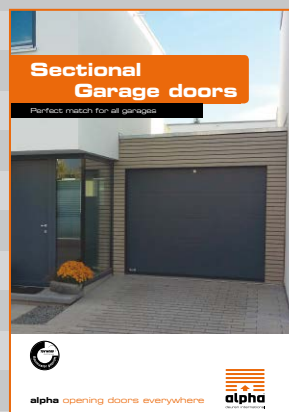
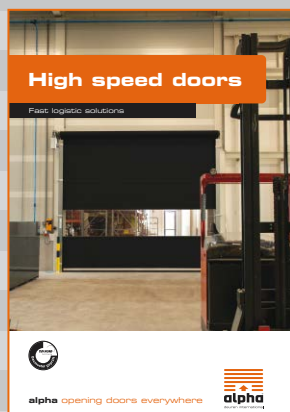
- ✓ The solution for intensive use of sectional doors, depending on the configuration and choice of FLL or FLA to at least 100,000 cycles in combination with the number of movements per hour: FLL approx. 20 and FLA approx. 10.
- ✓ Easier to assemble due to the absence of springs and therefore less strain on the fitters.
- ✓ No maintenance on springs which significantly reduces the maintenance costs for the end customer.
- ✓ Possibility of higher speed with FU motor.

Specifications

	Drive system	
	FLL	FLA
Maximum door width	6.000 mm	10.000 mm
Maximum door height	5.000 mm	6.000 mm
Maximum door leaf weight	368 kg	530 kg
Maximum surface area 40mm doors*	24 m ²	35 m ²
Maximum surface area 40mm doors, heavy filling*	23 m ²	33 m ²
Maximum surface area 60mm doors*	21 m ²	31 m ²
Maximum surface area 60mm doors, heavy filling*	20 m ²	30 m ²
Maximum surface area 80 mm doors**	19 m ²	29 m ²
Suitable for	T240, T340, T400, T450, T500	T400, T450, T500
Maximum speed	0,2 m/s or 0,6 m/s with FU	0,3 m/s or 0,6 m/s with FU

* The maximum door leaf weight is leading; the actual permitted maximum area (m²) may differ from the specification. Please direct any questions in this regard to our sales department.

** In addition to the above note, for 80mm doors the ISO version with a maximum of 2 ALU panels applies



The complete package from a single source

Our production is controlled and in full accordance with strict European laws and norms. We guarantee the highest quality as we only accept components from trusted and preferred suppliers worldwide. In addition and to offer the complete assortment we have forged strategic partnerships with other like-minded producers of Industrial Doors. Uniquely and from a single source Alpha guarantees the complete package with the highest quality.

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Alpha deuren International BV

Pittelderstraat 10 ■ 6942 GJ Didam Netherlands
 Telefon +31 316 228066 ■ Telefax +31 316 227662
 info@alpha-deuren.nl ■ www.alpha-deuren.nl