

Springless Sectional Doors

Good combination of convenience and speed

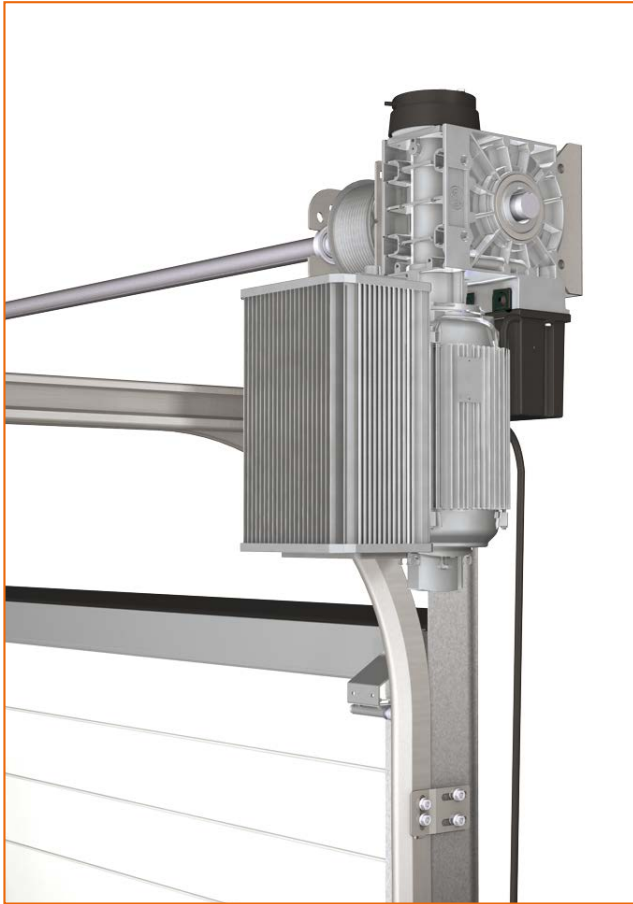


alpha opening doors everywhere

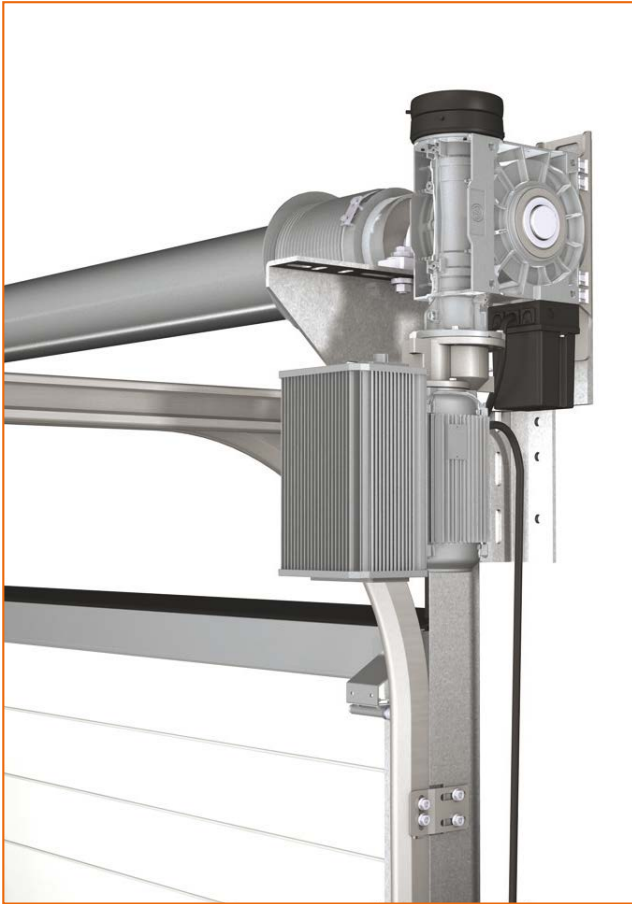


Springless Sectional Doors

FLL implementation



FLS implementation



Springless Sectional Doors

A spring-less sectional door makes sense... No torsion 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 0.7 metres per second (FLL and FLS).



Standard sectional door with springs



Springless sectional door FLL



Springless sectional door FLS

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

Application



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



Situations with an increased risk of corrosion. The absence of springs ensures that these doors (in combination with stainless steel fittings) can easily be used in **car washes**, for example.



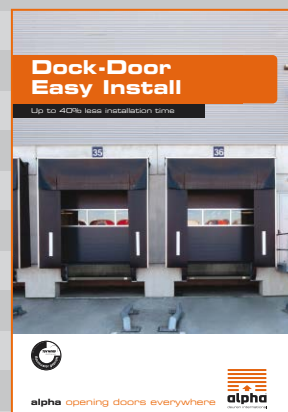
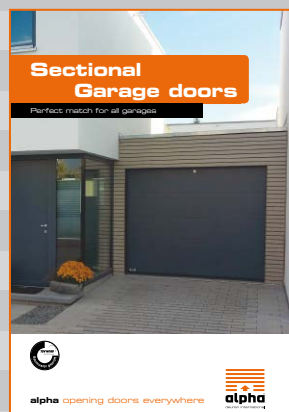
A sectional door without springs also proves its added value in the event of **high warehouse racking or storage** and/or the use of **large equipment** such as shovels. An extra lift is not limited by the range of torsion springs. As a result, the horizontal part of the rails can be raised to a great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

Benefits

- ✓ The solution for intensive use of sectional doors, depending on the configuration and choice of FLL or FLS from 33,000 to at least 100,000 cycles in combination with the number of movements per hour: FLL approx. 10 and FLS approx. 15.
- ✓ 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.
- ✓ No contamination by grease or corrosion in food areas.

Specifications

	Drive system	
	FLL	FLS
max. width	6000 mm	8000 mm
max. height	5000 mm	6000 mm
surface area	0- 24 m ²	0 - 48 m ²
wind force	Class 3-4	Class 3-4
section thickness	40/60/80 mm	40/60/80 mm
nr. of cycli	33.000	100.000
protection	Opto, Cont, DW, LC, VFC	Safety light curtain
drive	Standard or fast FU drive	Fast FU drive
rail systems	T240, T340, T400, T450 and T500	T400, T450 and T500
max. Speed	0,2 m/s or 0,5 m/s with FU	0,3 m/s or 0,7 m/s with FU



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.

veerloze sec deur



Alpha deuren International BV

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