

EFAFLEX 
safe high-speed doors

PS Series



*High-speed doors for
modern parking systems*

EFA-SST® PS



J. MARX

EINFAHRT

5

3,5t



Hier gilt die StVO



Licht einschalten



Achtung!



ausgenommen Dauerparker für einspurige Fahrzeuge

EFA-FLEX

EN TAG! WILLKOM

The fastest parking system door in the world.

A glance at the advantages of the EFA-SST® PS:

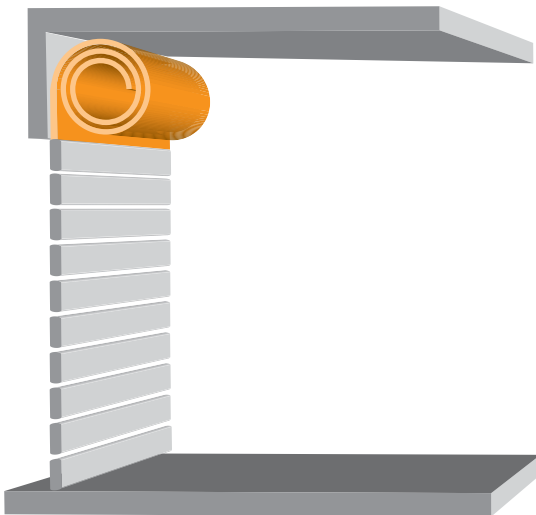
- At least 200,000 operating cycles a year
- Opening speeds of up to 1.8 m/s
- Burglar-proof external door
- Extremely space-saving construction
- High safety standards

A quantum leap in spiral door construction. While other doors cannot be installed in low headroom applications, due to an obstruction caused by a concrete beam or sprinkler system, the EFA-SST® PS scores, due to its innovative design.

Uniquely fast, secure and reliable

One more characteristic is now going to be added to the known features of EFAFLEX high-speed doors. Once again, our engineers have scored a real coup: they developed the EFA-SST® PS, a space-saving door particularly suited for parking and garage systems. The new construction can be installed even with minimal space restrictions due to in the lintel or side frames.

The EFAFLEX spiral remains an ingenious construction principle. In comparison to common spiral doors, the space requirement was significantly reduced by using a compact spiral construction. The smaller laths (height of 105 mm) also mean that the door can be installed in restricted apertures.



A unique construction

The tried and tested spiral for our high-speed spiral doors.

New: The EFA-SST® PS features a spiral construction that significantly reduces the space requirements in the lintel.



Safety at the highest level.

The EFA-SST® PS combines extreme speed, high safety, efficiency and aesthetics to form an intelligent and future-oriented solution.

A completely new perspective for the protection of property

The burglar-proof external door opens in mere seconds and closes immediately after the car has passed the door. The EFA-SST® PS therefore prevents unauthorised access to the building. Fast and secure doors contribute to safe entry and exit of (underground) car parks of hotels, banks, agencies and other public institutions in particular. In conjunction with an ingenious entry-control system (e.g. by magnetic card reader) and combined video surveillance, only authorized cars are permitted to enter. The entry-control systems communicate constantly with the intelligent microprocessor control and transfer the data to the central main computers, which can trigger alarms or other building management systems in case of emergencies.

The EFA-SST® PS is available with a dimension of 6.1 x 4 m and is made for large car parks and other modern parking systems.



A new generation of smooth running

Despite the incredibly high operating speed of more than 1.8 m/s, the EFA-SST® PS door system runs extremely smoothly. Therefore, the door may be used even in close vicinity of living areas, the laths are guided along each other without contact, so that they are not scratched or marked through use. This means high wear and tear resistance.

For new dimensions of durability

One's own ambitions are the strongest drive for outstanding performance: Common garage doors are calculated to go through approximately 5 opening cycles a day, but the EFA-SST® PS is designed for 200,000 work cycles a year. That's why no other door can be compared to the EFAFLEX doors for durability and capacity. Due to the slender laths, the parking system door is also very solidly constructed and guarantees a higher wind load capacity than any other high-speed door. Of course, EFAFLEX guarantees the highest operating safety as standard even after years of continuous use.



A door that opens incomparably fast and closes immediately after increases safety in sensitive areas.



Safety for man and car.

No compromise

Safety is an integral part of EFAFLEX's company philosophy. We apply higher standards than others and demand the most of ourselves. Therefore, the EFA-SST® PS has a contact strip on the bottom lath as well as an additional safety light barrier integrated in the closing area of the door as standard. You may also combine it with the TÜV tested EFA-TLG®, which detects obstacles in the closing area early and without contact. Moreover, the EFA-SST® PS has springs, which enables a comfortable, secure and easy manual emergency opening by means of a lever. EFAFLEX – surely the right decision!



Fully automatic control

The choice of product is always a question of quality and luxury. This is, of course, also the case when it comes to doors. EFA-SST® PS is equipped with an electronic control, so that the door may be operated automatically and be opened and closed with different remote programmes. Traffic lights and barrier systems can be integrated into the control to enhance traffic regulation and controls.



If required, variable transparent laths or panels with perforated sheet metal inserts (ventilation laths) are available. In the stainless steel version, the EFA-SST® PS is also ideally suitable for car wash applications.

Technical Data:

S Serie

EFA-SST® PS

Application	Interior door Lock-up doors	● ●
Wind load max.*	According to DIN EN 12424 class	4
Operating forces/safe opening	According to DIN EN 13241-1	fulfilled
Direct airborne sound insulation R_w *	in dB according to DIN EN 717-1	23
Door size (in mm)	Width W max.	6,100
	Height H max.	4,000
Maximum door blade speed*	in m/s	2.0/1.5
Average speed, ca.*	Opening in m/s	1.8/1.2
	Closing in m/s	0.5
	Closing in m/s, with EFA-TLG® door light-line grid	1.0
Door blade guidance	Round Spiral	●
	Low-header (L/S)	●/–
Operating direction of the door		vertically
Steel design	Galvanized sheet steel frame	●
	Stainless steel	○
	Powder coated in RAL colours	○
Door blade	Double wall, from aluminium, anodised in E6/EV1	●
	Transparent lath, single pane	○
	Ventilation laths	○
	Powder-coated according to RAL	○
Fire class	Building Material class DIN 4102	B2
Weight balancing by		Spring
Designed for approx ... Load cycles per year		200,000
Control	EFA-TRONIC®	●
	Frequency converter	●
	EFA-TRONIC® PROFESSIONAL	○
	Main switch and foil keypad	●
Lead	Electricity connection 230 V/50 Hz	●
	Circuit breaker	16 A(K)
Emergency opening	Automatically after manual activation	●
	Manual activation	–
Safety devices	EFA-TLG® door light-line grid in door closing line	○
	Contact edge	●
	Light barrier	●
	Approach area monitoring	○
	Light grid, external	○
Activators	Connection of all common activators possible	●

● Standard, ○ upon request, – Not available, *Depending on door blade, door blade guidance and door size, we reserve the right to make technical alterations.

EFAFLEX
Tor- und Sicherheitssysteme
GmbH & Co. KG
Fliederstraße 14
DE-84079 Bruckberg/Germany
Telephone +49 8765 82-0
www.efaflex.com
info@efaflex.com



Technological advancement. Pioneering design.

EFAFLEX® is a registered and legally protected trademark.
Subject to technical changes. Some diagrams depict special features.
Overall design:
www.creativconcept.de 08117

For more than 40 years, EFAFLEX has developed and designed reliable and highly-efficient high-speed doors. With innovative technology and pioneering solutions for special requests, EFAFLEX continually provides the market with new stimuli. This leadership role through superior technology, the best quality and a maximum degree of security is part of EFAFLEX's identity. More than 1,000 employees guarantee competent consultation and excellent service. Worldwide and always near you.

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