

# EFA-SST<sup>®</sup> N Premium

The Innovation

S Series



**EFAFLEX**   
safe high-speed doors

# The innovative door.

## EFA-SST® N Premium

The EFA-SST® N Premium low-headroom high-speed door minimises the polygon effect, which usually impairs the smooth functioning of roller door applications. The patented technology reduces irregular movements in the transition section, enabling a door speed of up to 2.0 m/s.

In addition to its high speed, the EFA-SST® N Premium impresses with its extremely quiet operation. This makes it ideal for high-traffic areas with many daily door cycles. Furthermore, it can perform up to 400,000 load cycles per year and has a U-value of 1.6 W/m²K. Thanks to its maximum flexibility in height and width, the low lintel high-speed door is the perfect solution for maximum passage height in confined spaces.



## Advantages at a glance:



### MINIMISES THE 'POLYGON EFFECT'

- Opening speeds of up to 2.0 m/s
- Patented technology with two guide rails



### REDUCES NOISE POLLUTION

- Low noise pollution for the environment
- Excellent for applications with many door cycles



### LONG SERVICE LIFE

- Up to 400,000 load cycles per year
- Service life of at least 10 years



### MAXIMUM WIND LOAD

- Approved up to wind class 4
- Excellent for outdoor use



### SAFETY FEATURES

- Burglary resistance available on request (RC2)

## How we reduce the polygon effect

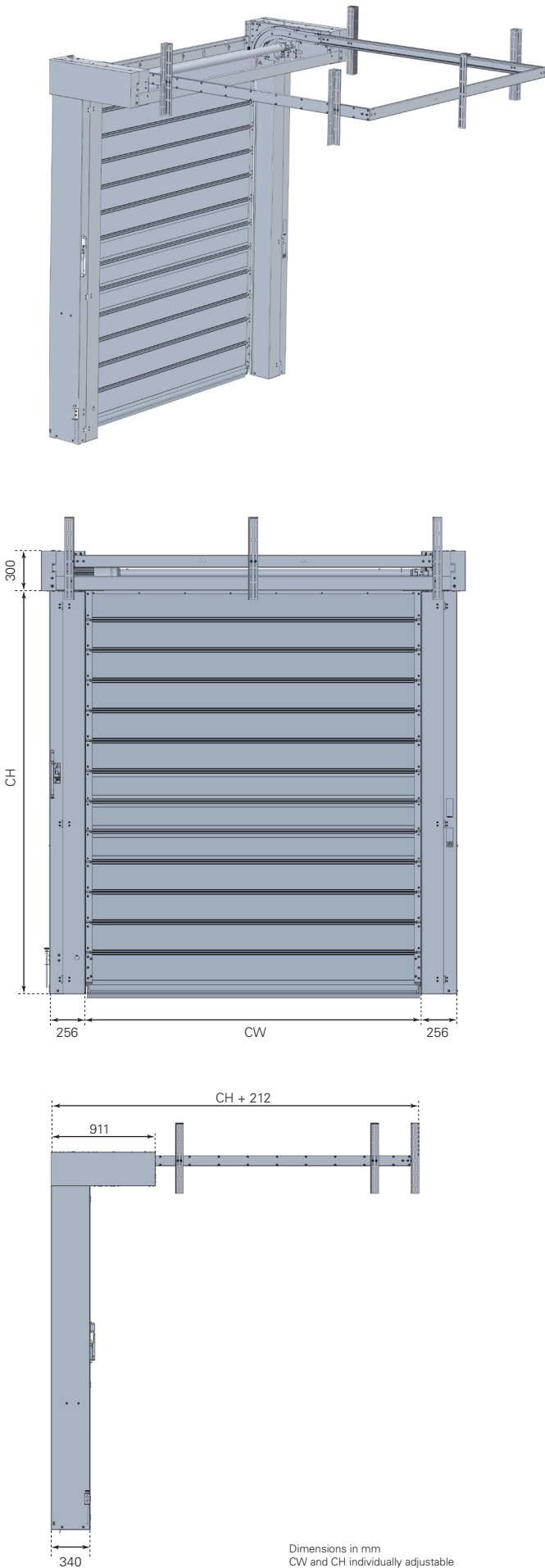
Our patented technology intelligently distributes the rollers across two guide rails. This allows the door to glide 'seamlessly' through the curve into the open or closed position. With conventional roller doors, the door leaf moves unevenly over the rollers in the angular sections, which reduces the opening speed.



More information at:  
[www.efaflex.com](http://www.efaflex.com)



# Installation data



Dimensions in mm  
CW and CH individually adjustable

# Technical data sheet

	EFA-SST® N Premium
Maximum sizes	B: 4,500 mm H: 5,695 mm
Load cycles per year	400,000
Opening speed	Up to 2.0 m/s
Closing speed	1.0 m/s
Safety	Safety: Door light grid (standard) Door light grid and safety edge (optional) Safety edge and light barrier (optional)
Emergency opening	Emergency lever on frame (standard) Emergency lever on a separate console
Temperature range	Outside zone -15°C bis + 50°C Inside zone +5°C bis 50°C
Resistance to wind load in accordance with DIN EN 12424	500 mm ≤ LB ≤ 3300 mm Class 4 3301 mm ≤ LB ≤ 4000 mm Class 3 4001 mm ≤ LB ≤ 4500 mm Class 2
Airborne sound insulation in accordance with DIN EN ISO 717-1	R <sub>w</sub> = 24 dB (only with EFA-THERM-Laths)
Resistance to water penetration in accordance with DIN EN 12425	Class 2
Control unit	EFA-TRONIC® (standard) with frequency converter Housing: polycarbonate Protection class: IP65 Viewing window for display: status and fault message display Control element: control panel for operating and parameterizing the door system, main switch Supply voltage: L/N/PE 230 V ± 10% or 3~L/N/PE 400 V ± 10%  EFA-TRONIC® (optional) Professional with frequency converter Housing: Steel in color RAL 7035 (standard) 380x380x210mm 380x600x210mm 600x600x210mm painted RAL colors (optional) V2A (optional): 380x380x210mm 380x600x210mm 600x600x210mm Protection class: IP65 Viewing window with display: Display of status and fault messages Control element: Control panel for operating and parameterizing the door system, main switch Supply voltage: L/N/PE 230 V ± 10% or 3~L/N/PE 400 V ± 10%

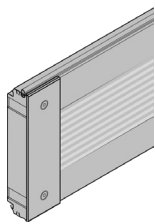


We offer 10 years guarantee\*

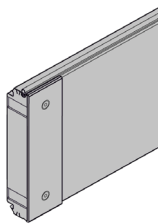
At EFAFLEX, we focus on premium quality: our high-speed doors are characterized by maximum resilience, complete reliability, and an extremely long service life.

\*Basic construction refers to all load-bearing, fixed components of the door; this does not include moving (rotating/sliding) parts or electrical components.

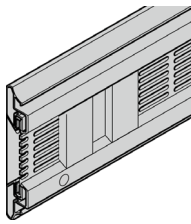
## Lath variants



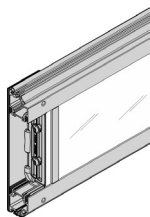
EFA-THERM® lath  
with lining



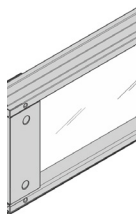
EFA-THERM® lath  
without lining,  
smooth surface



EFA-Vent® ventilation lath



EFA-CLEAR®  
double-walled  
transparent lath



EFA-CLEAR®  
single-walled  
transparent lath

## RAL colours

We offer frames and door curtains in  
all RAL colors upon request.



## Our brochures to download.

General brochure:  
The World of Doors



[www.efaflex.com/  
general-brochure](http://www.efaflex.com/general-brochure)

Overview:  
Product brochures



[www.efaflex.com/  
product-brochures](http://www.efaflex.com/product-brochures)

Overview:  
Industry brochures



[www.efaflex.com/  
industry-brochures](http://www.efaflex.com/industry-brochures)

## Peripherals and accessories

### Sensor technology



EFA-3D-SCAN



EFA-SCAN



Radar detectors

### Optical systems



Traffic lights



Flashing lights



Signal lights

### Switching systems



Magic switch



Key switch



Pushbutton

### Miscellaneous



FlexCore Bollard



EFA-HDI



EFA-TRONIC®  
Professional