

## ■ STR High-Speed Roll-Up Turbo Door

### – The new door dimension

The brand new EFAFLEX High-Speed Roll-Up Turbo Door STR combines the patented design principles of the spiral type door panel for the first time with the incorporation of flexible and variable coloured door curtains. The individual panels are held away from the spiral, therefore practically free of wear. In addition they can be combined with permanently fully transparent sight sections. The door panels are produced in a modular manner, so that individual segments can be swiftly and simply exchanged. The STR is currently the world's fastest door system of its type of construction, with its „turbo-type“ opening speeds of up to 3.6 m/sec. Its high wind stability, comprehensive sealing and a smooth practically wear free door movement, also provides for the highest flexibility of use.





### ■ Safety first

Opto-electronic closing edge safety protection is incorporated as standard in the closing profile. In combination with the most modern control electronics and CAN-BUS connections this very reliable system provides for the quickest reaction time. For even greater levels of safety EFAFLEX also employs the TÜV approved door light grid TLG. The result is the optimum protection for people, transported goods and the door itself. In this way the relatively light door panel supports an extremely rapid and therefore an outstandingly safe reverse drive. In combination with the TLG closing speeds can be achieved of up to 1m/sec. (!) Moving parts are carefully covered, therefore all-round best possible entry protection is achieved, this already currently exceeds all the applicable European Standards.

### ■ Flexible with absolute wind stability

The STR High-Speed Turbo Roll-Up Door is a high load resistant door system both for internal and external applications. Wind, cold or rain cannot affect this door construction. The curtain is accurately guided at the side, longitudinal expansion is excluded. Anodised aluminium profiles strengthen the door panel with vertical component spacings of 225 mm. This guarantees an extremely high wind resistance of over 120 km/h (Class 3 in accordance with EN 12424) and an excellent sealing under all conceivable climatic conditions.



### ■ Various curtain colours to requirements

High-Speed Turbo Roll-Up Doors can be provided with various coloured curtains to meet individual, optical requirements. In addition to the standard colours of blue, red, yellow and grey the matching of practically any corporate colour can be achieved. They can also be combined with a fully transparent sight segment with a standard height of 900 mm (4 subsections).



### ■ New: Modular construction door panels

The individual door panel is moved upwards and downwards as necessary. It is not however made as a single piece, it consists of standardised segments, which are connected in four subsection modules by supporting profiles. In the event of damage the whole curtain need not be replaced – individual modules can be simply and rapidly exchanged. Preproduced replacement modules can be rapidly delivered from stock. In this way the STR is quickly returned to operation. Availability is therefore standard.

### ■ Convincing travel control

The control panel is equipped with the latest microprocessor (mcp-2), CAN-BUS technology and speed controller. In the basic version a powerful high frequency motor provides for an average opening speed of ca. 1.6 m/sec. This permits on request an increase of up to over 3.6 m/sec for any size of door. The door panel in this version accelerates up to a maximum absolute speed of around 4.0 m/sec. Are you currently aware of a faster door system which is both as smooth and reliable? High-Speed Turbo Roll-Up Doors benefit from the patented spiral: The individual door panels are not tightly wound, they are maintained free of contact and are almost free of wear. A circular „round“ spiral is incorporated for the door panel accommodation as standard. In future other types of construction will be available to you e.g. for limited space conditions and low lintel installations. Therefore all the known, design dimensions with regard to width and height will be exceeded.

#### ■ Release and unlatch



#### ■ Replace and fix





### ■ Customer Advisory Service

Services is very important to EFAFLEX and will cover many points: Experienced specialists will visit the installation site, discuss with you the requirements and issue an individual door concept. Highly trained EFAFLEX engineers will install the door promptly and professionally. EFAFLEX customer service centres in your area offer service, prompt supply of spares and required inspections of power operated doors in accordance with the recommended maintenance agreement.

### ■ Design and Development

Many design features – most of them patented – are integrated into the outstanding EFAFLEX developments. They are the result of many years of innovative engineering work by the company's development and design departments. The latest high-precision equipment is used for production. All steel parts, for example, are cut from sheet metal with computer-controlled laser and plasma arc cutting systems. CNC bending presses with 6M working edges and controls for all five axles are used to shape the sheet metal plates. High production quality is the consistent result. By professionals – for professionals.

### ■ Product Range

The product range comprises a wide spectrum of various industrial doors. Choose the optimum solution – EFAFLEX always offers you the perfect total configuration.

### ■ Warranty

Trust is good – highest production quality, conscientious final check and outstanding warranty is even better. Best of all, however, is an unlimited working cycle.



Further information is available on: [www.efaflex.com](http://www.efaflex.com)  
 or simply enquire by fax: +49-(0)8765/82-100



**SST**  
High-Speed Spiral Door



**SST-ISO-K**  
High-Speed Spiral Door  
k value = 0.5 W/m<sup>2</sup>K



**STT**  
High-Speed Turbo Door



**STR**  
High-Speed Turbo  
Roll-Up Door



**SRT**  
High-Speed Roll-Up Door



**SRT-EC**  
High-Speed Roll-Up Door  
Foodstuff and hygiene  
areas

**SRT-EL**  
High-Speed Roll-Up Door



**AS**  
Aluminium High-Speed  
Folding Door



**ES**  
Elastik High-Speed  
Folding Door

**AT**  
Rapid High-Speed  
Alarm Door

Your EFAFLEX partner

Please send us information on

- |   |                                 |
|---|---------------------------------|
| <input type="checkbox"/> The World of Doors | <input type="checkbox"/> SST    |
| <input type="checkbox"/> SST-ISO-K          | <input type="checkbox"/> STT    |
| <input type="checkbox"/> SRT                | <input type="checkbox"/> SRT-EL |
| <input type="checkbox"/> AS                 | <input type="checkbox"/> AT     |
|   | <input type="checkbox"/> STR    |
|   | <input type="checkbox"/> SRT-EC |
|   | <input type="checkbox"/> ES     |

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With flexible, wind stable doorblade-3.6m/sec speed

**NEW**

