



Volo

the automation with a reduced height
for curved sliding doors

Preliminary

REDUCED HEIGHT

- ▶ **Volo**
The new automation for automatic curved sliding doors.

Distinctively unique

Height of the automation: **10 cm only**

- ▶ **Recommended use**

Volo is perfect to automate prestigious entrances and enhance their aesthetic features.

With Volo, architects and designers can design their curved automatic door "ad hoc" to make it an integral part of the project or of the existing structure.

The attractive curved wing movement together with its silent operation and the smooth movement of DITEC automatic systems, give the entrance an appealing and prestigious look.

Hotels, restaurants, firms and reputed buildings are where this valuable automation best applies.

- ▶ **Reliable and silent**

Volo is reliable, thanks to DITEC tested electromechanical elements, silent, thanks to the toothed belt made of synthetic material and the strengthened nylon wheels, and safe, thanks to its electric control panel with microprocessor logic. Volo easily fits in with the existing transit area, by making the best possible use of the space available.

Volo is equipped with safety and control accessories in compliance with the regulations in force.



- ▶ **Distinctive characteristics**

- ▶ Height of the automation: **10 cm only**
- ▶ Version with two mobile wings, with or without fixed wings
- ▶ Reliable and tested component parts, already applied to the other Bis and Ten DITEC automatic systems.
- ▶ The automation can perfectly work with door wings with DITEC Pam 30 profiles and with generic profiles
- ▶ The movement of the wings is provided by means of toothed belts and nylon wheels
- ▶ Concentric wings
 - the fixed wing's glass and the automation have the same radius of curvature
 - the radius of curvature of the mobile wing's glass is shorter than that of the automation
- ▶ "Redundant" version with two motors – for escape routes
- ▶ TUV approval - expected
- ▶ Angle of curvature: 240° max.

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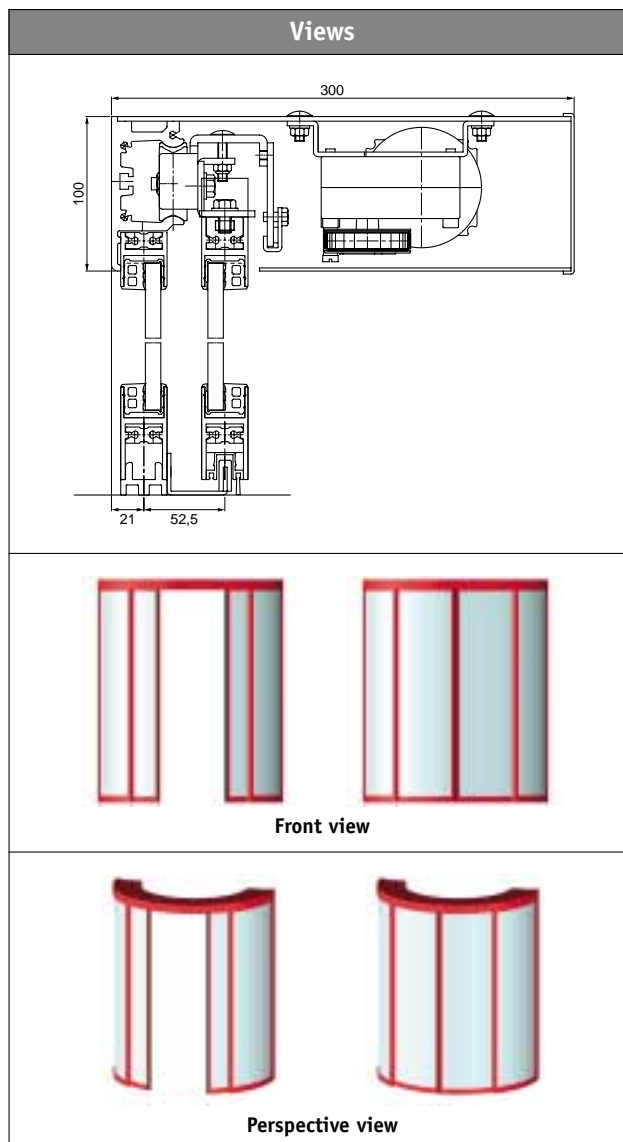
▶ Technical Specifications

	Volo
Description:	automation for curved sliding doors
Special uses	redundant emergency exits
Capacity	160 kg (2 doors)
Capacity with reinforced wheels	
Type of use	very heavy duty
Intermittence	S3 = 100%
Power supply	230 V~ / 50 Hz
Insulation class	class 1
Input	1 A
Max opening speed	1.6 m/s (2 doors)
Max closing speed	1.6 m/s (2 doors)
Max stroke	5 m
Release for manual opening	handle
Operating temperature	-20°C / +55°C (+5°C / +40°C batteries)
Protection degree	IP20 - IP24 (with covering)
Product dimensions	300 x 100 x L
Homologations	TUV



▶ Main functions

	Volo
Control panel	94
Batteries: for operation in case of a power break	/ (optional)
Number of motors	1
Motor power supply	24 V= / 8 A
Accessory power supply	24 V= / 0.5 A
Electric lock supply	24 V= / 1 A
Encoder: by means of the learning operation, the system recognises the mechanical stops and, during the following operations, it controls speed and deceleration	/
Force adjustment	/
ODS - Obstacle detecting system causes stop or reversal of operation if an obstacle is found	/
Open speed adjustment	/
Close speed adjustment	/
Braking/Deceleration for best approach	/
Opening command	/
Partial opening command	/
Closing command	/
Timed automatic closing	/
Stop safety device	/
Reverse movement safety device	/



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