

TECHNICAL DESCRIPTION

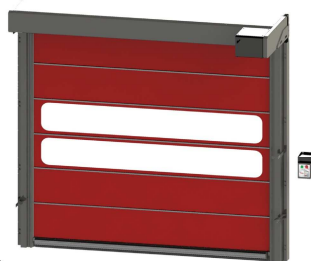
RAPID SPEED ROLLING PVC DOOR

SUMMARY

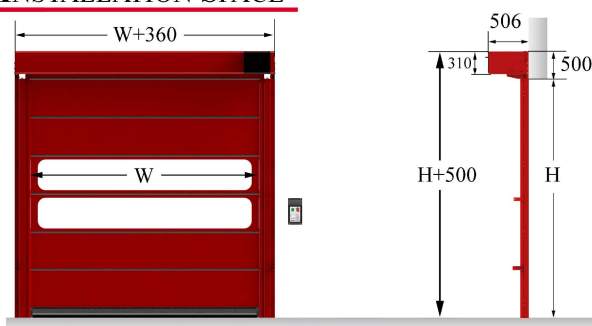
Rapid Speed Rolling PVC Doors are electrically operated doors, constructed by aluminum and enhanced PVC and they are intended to cover small, and mainly indoor openings, where high operation speeds are needed.

ASSEMBLY

The PVC part of the door is enhanced with linen. The total width of the PVC is 0,650 kg/m² (1,0mm to 1,2mm) or 0,950 kg/m², depending on the needs of the client. The surface is divided with horizontal aluminum bars to increase its durability to wind pressure. The panoramic PVC can be placed at any height, with the suggested being at approximately 160cm from the ground level. The height of the panoramic PVC leaf is 55cm. The steel parts of the product are composed by electrostatically painted (110µm), hot dipped galvanized steel.



REQUIRED INSTALLATION SPACE

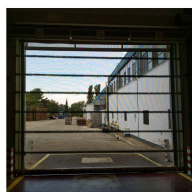


No part of the door stands out from the basic dimensions!

AVAILABLE COLORS

Ultramarine Blue	PVC 5001 RAL 5010	Signal Red	PVC 3001 RAL 3020	Signal Yellow	PVC 1001 RAL 1023
Light Grey	PVC 7193 RAL 7035	Jet Black	PVC 7999 RAL 9005	Orange	PVC 1001 RAL 1023

In places where there is an occurring problem by the presense of birds or insects, there is the possibility of replacing the PVC with a window net.



TRANSMISSION

Technical Characteristics of the Motor

Type	MTe	M 71C4
Power	P	0,75 kW
Revolutions	n	1360 rpm
Exit Revolutions	nE	120 rpm
Torque	Tm	4,77 Nm
Operating Voltage	Vm	230 V
Operating Volume	Im	3,45 A
Operating Frequency	Fr	50 Hz
Power Factor (cosφ)	PF	0,78

Poles	PL	4
Phases		3
Insulation Degree	MPf	F
Protection Degree	MPr	IP55

Technical Characteristics of the Transmission

Max Torque	T	60 Nm
Operating Continuity	W	90%
Noise Level	Vw	40 db

Technical Electrological Characteristics

Control Unit Type	ETe	FSM-1 LED or Touch Pad
Inverter Power	iIN	2,5 kW
Microswitch operating		
Voltage	VSEQ	24 V
Protection Degree	EPr	IP55



ADDITIONAL CHARACTERISTICS

- The opening speed of the door can be adjusted from 1 to 2m/s (depending on the dimensions of the door and the general conditions of the project). The closing speed of the door is 0,5m/s.
 - When the door reaches the opening or closing limit, its operation speed lowers.
 - The drive system has a cover with a built-in cooling system.
 - The control unit is programmable.
 - The control unit is available in two models, one with a touch screen and one with LED indications.
 - The drive system has a manual override that operates with a crank.
 - The door can be interconnected to all our products.
 - In the factory testing the door performed over 2.200.000 operation cycles.
- More information at "FSM-1 Control Unit Manual".*

ADDITIONAL EQUIPMENT

Photocells Beacon Safety Edge Radar Lightcurtain Pull cord Remote Control



STANDARD EQUIPMENT

OPTIONAL EQUIPMENT