

High Speed Door with self-repairing curtain vertical rolling, moved by three-phase motor with inverter driver 400V, with opening and closing speed (opening up to 2,0m/s) and relevant ramps control. Speed and positioning are detected by digital encoder. Electro-brake for stanchioning and manual devices to move the door in case of supply brake-down.

The safety system is in conformity to EN12341-1, by standard safety devices for force limitation, in case of impact in closing.

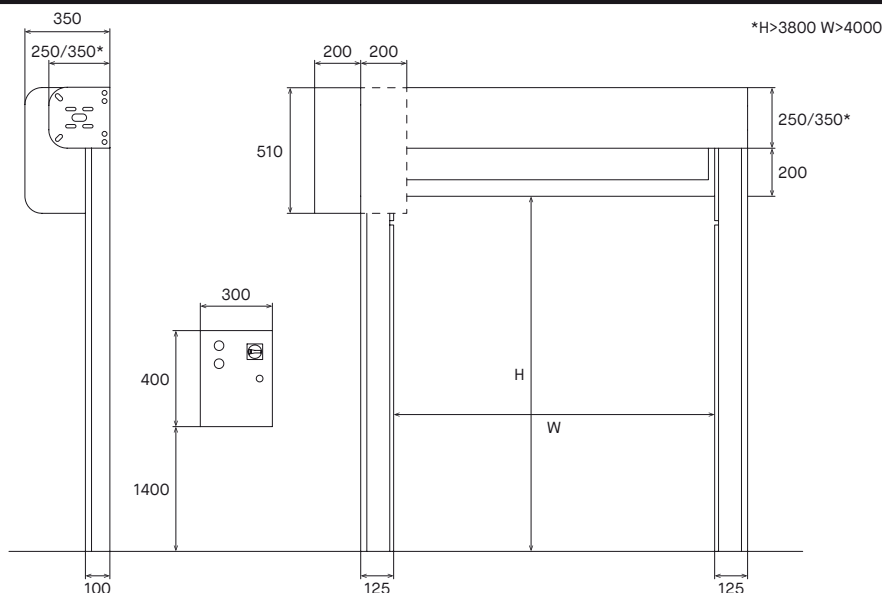
Frame and covers in galvanized or painted steel and optionally in stainless steel AISI 304 or AISI 316. Sliding guides of the curtain in self-lubricant Polyethylene, designed for the self-repairing function and to reach the class 4 in terms of wind-load resistance (see technical features).

The curtain is made by synthetic fabric lacquered by PVC, with weight 1300g/m² thickness 1,3mm, self-extinguishing class 2. Optional insulated curtain 3mm, thickness and thermal transmittance 2,4W/m².

Technical features

Maximum dimensions	width×height	8000×8000
Maximum speed	opening – closing	up to 2,0m/s – up to 0,8m/s
Wind-load resistance	3000×3000	class 4
	5000×5000	class 3
	7000×5000	class 2
	8000×8000	class 1
Curtain in polyester	thickness – weight	1,3mm – 1300g/m ²
Insulated curtain	optional	thermal transmittance 1,4W/m ² K
Curtain Windows	standard	2 window rows
	optional	windows or vision panels
	optional	mesh windows
Mechanical frame	standard	galvanized steel
	standard	painted steel
	optional	stainless AISI 304 - AISI 316
Motor position	standard	lateral (left or right)
	optional	frontal (left or right)
Motor power	three phase	0,75/1,5kW – 50/60Hz
Control unit	standard	inverter 400V – 50/60Hz
	optional	inverter 230V – 50/60Hz
Protection degree	motor – control unit	IP54
Position transducer	standard	digital encoder
Safety devices	presence sensor	infrared photocell
	curtain jamming	optical sensor
	contact edge	resistive wireless edge
	integral system	progressive photocells barrier
Emergency opening	standard	manual rod
	optional	counterweight
	optional	UPS
	optional	pedestrian T curtain cut
Durability	total life (EN 12604)	1 000 000 cycles

Dimensions drawing



Automation accessories

- Additional push button
- Key pad
- Pool cord switch
- Key switch selector
- No touch sensor
- Remote radio system
- Microwave radar
- Induction loop
- Flashing lamp
- Traffic light