



Data Sheet
High Performance Door
RapidRoll® 355 Type 350 E

The customised stainless steel door

Hygienic, fast and quiet.

Ideal for meat-processing and food/chemical processing industries.

Touchless safety by means of a pre-running safety photocell.

High Performance RapidRoll® 355 Type 350 E



ADVANTAGES OF ALBANY RAPIDROLL® 355 Type 350 E

- Pre-running safety photocell for touchless protection of people and goods
- Door curtain tensioning system – the curtain is always tensioned for controlled movement
- Counterbalance - tension springs in the side frames assure drop down safety and support the manual operation

APPLICATION

The door is designed to meet the requirements in:

- food industry
- chemical industry
- meat processing areas

DESIGN

The side frames and the bottom profile are made of pressed stainless steel. They can be fixed directly on the wall. The side frame contains the springs to tension the door curtain and for the counterbalancing system.

Top roll cover and motor cover made of pressed stainless steel are available.

The door curtain will be wind up on a aluminium top roll with shaft ends made of stainless steel.

DOOR CURTAIN

Door Curtain made of clear PVC or RollTex® Plus. The edges of the door curtain are reinforced with special wind taps which are guided in the side frames. Atensioning system ensures smooth movement of the door.

DRIVE UNIT

Gear motor 0,55 kW as standard. Fixed right side in front of the top roll.

CONTROL SYSTEM

Standard ACS 50. Optional frequency converter control system ACS 80. See technical data.

MANUAL ACTIVATION

In the event of power failure, the door can be opened by releasing the brake manually. Depending on the width/height ratio, the door opens partially up to 25 % by supported by the springs of the counter balance.

SAFETY FEATURES

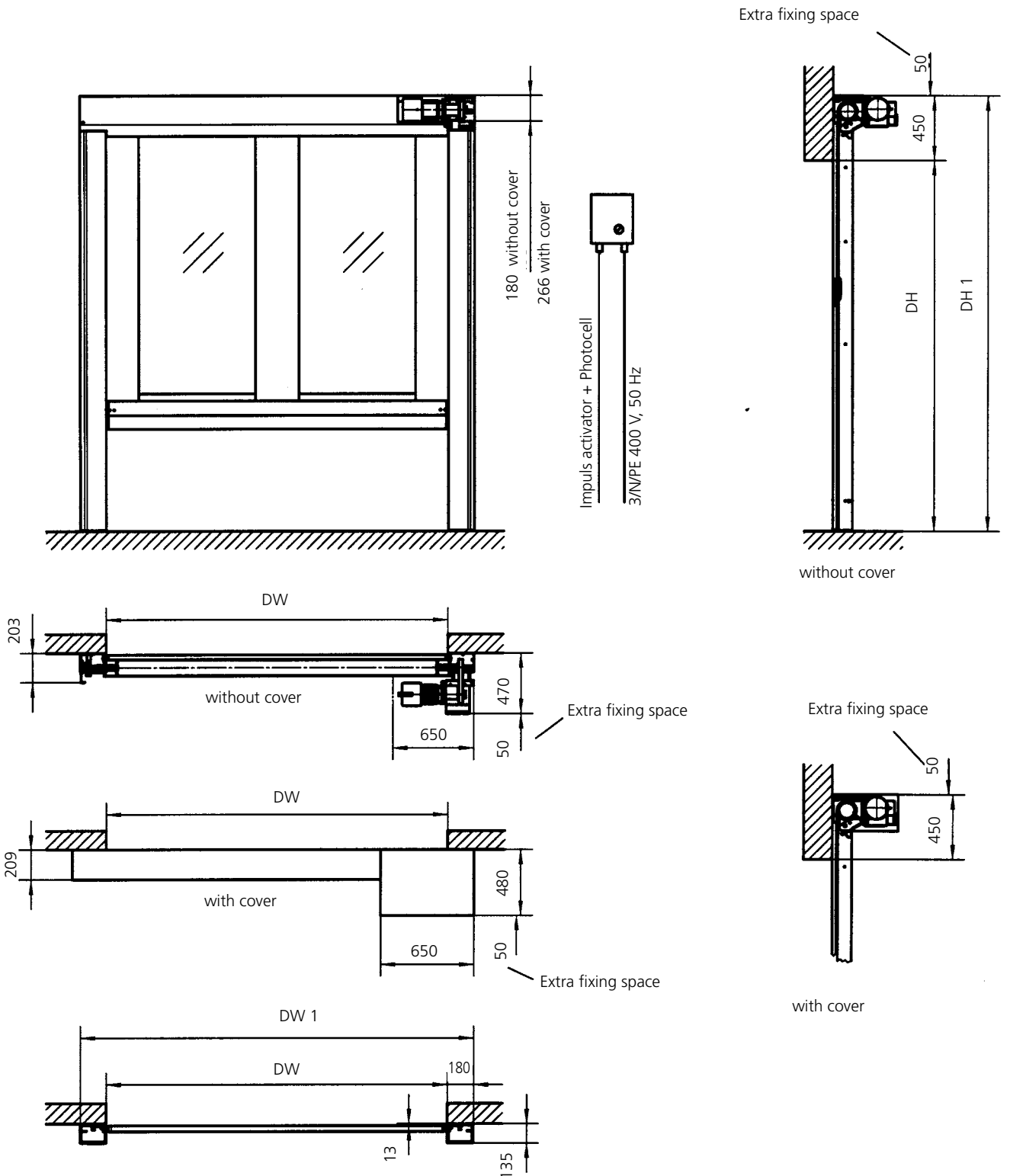
The door is designed according to the regulations of the Workplace Directive of the UVV as well as the harmonized CE Guidelines including the EN 13241-1.

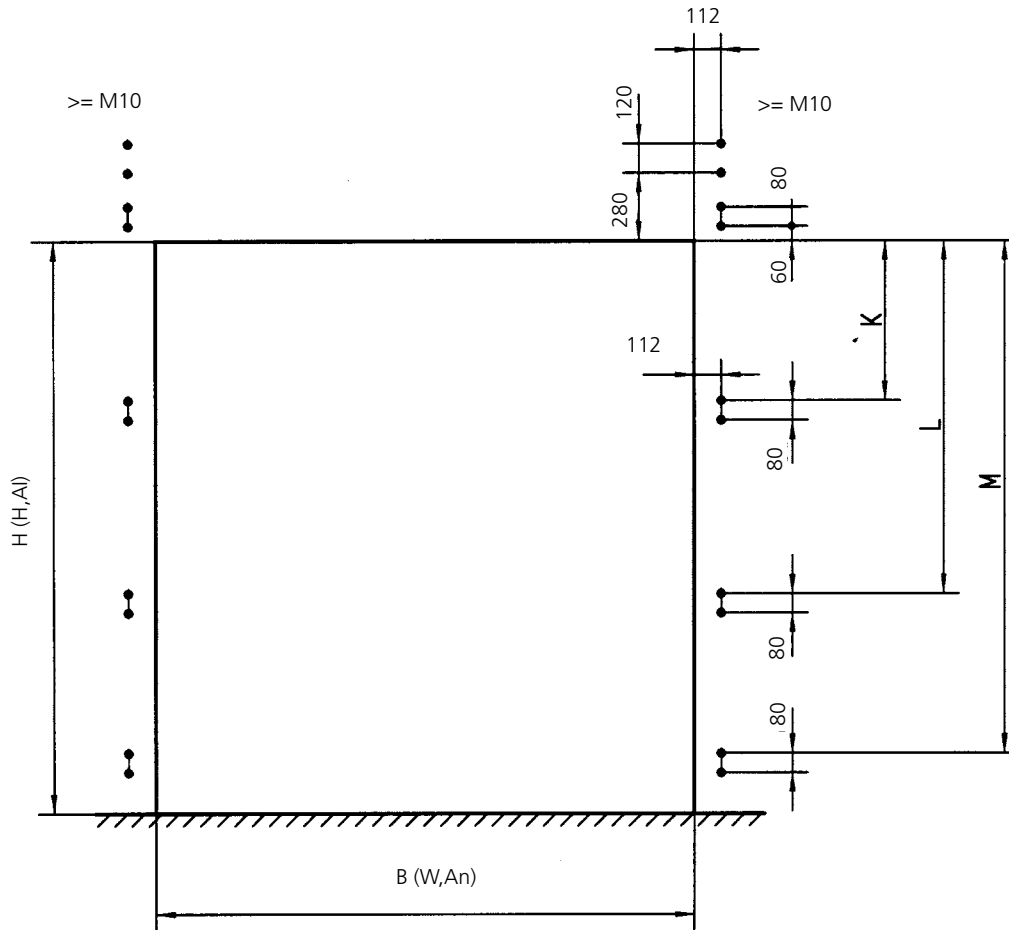
INDICATION OF RISK

The security of the door is designed for normal use for vehicles in industrial environment corresponding to the harmonized CE-Guidelines. In consideration of the situation on site – especially in case of use by pedestrians – additional safety measures, like additional actuators may be required. In addition, special environmental conditions may have impact on the right choice of doortype. In case of any doubt, please contact our sales engineer to receive consulting on site.

Technical Data			
Interior door	suitable		
Exterior door	not suitable		
Wind resistance	class 1 - EN 12424		
Door dimension (mm)	For details please note general drawing!		
DW min. / max.	1000 / 3500 mm		
DH min. / max.	1500 / 3500 mm		
Opening direction	vertical		
Surface			
Side frames	stainless steel		
Top roll	✓ aluminium anodised • stainless steel		
Bottom profile	stainless steel		
Covers			
Top roll cover	• ¹⁾		
Motor cover	• ¹⁾		
Cap for 30° bevel	• ¹⁾		
Door curtain (alternatively)			
PVC with blue reinforcement stripes	✓		
PVC with coloured reinforcement stripes	•		
PVC with silicon free reinforcement stripes blue / black	•		
RollTex® Plus (fabric stiff across the grain with/without windows)	•		
Wind taps	✓		
Curtain tension	✓		
Counterbalance	✓		
Drive unit	electrical		
Belt drive	✓		
Control systems			
ACS 50	✓		
ACS 80	•		
Safety			
Electrical safety contact edge	•		
Pre-running safety photocell	✓		
Door line photocell	✓		
Fall down protection	✓ tension springs		
Self opening	✓		
Manual activation	✓ with bowden lever operated from the floor		
Second bowden lever	•		
Extended flexible seal	•		
Speed (m/s)	ACS 50	ACS 80	
Open/close up to max. / m/s	0,8 / 0,8	2,3/0,8	
Fuse protection	6,3 A	10 A	
Control voltage	24 V DC	24 V DC	
Protection	IP 55	IP 55	
Motor power / kW	0,55 kW	0,55 kW	
3/(N)/PE 230/400/415V; 50 Hz	✓		
3/(N)/PE 400/415V; 50/60Hz		✓	
Other versions with transformer on request	•	•	
Additional opening heights	–	✓	
Potential free contacts max. 250 V	✓	•	
Traffic light function			
Without direction detection	✓	–	
With direction detection	–	•	
Flashing alarm light	✓	•	
Error message	✓ LED's	✓ plaintext	
•Option ✓Standard – not available			
1) For doors of height ≤ 2500 mm the use of top roll and motor cover is required according to standard EN 13241-1.			

Generall Drawing RapidRoll® 355 Type 350 E





	H	
	1500 - 3000	3001 - 3500
K	--	$(H-1230)/2$
L	H - 1548	H - 1548
M	H - 248	H - 248

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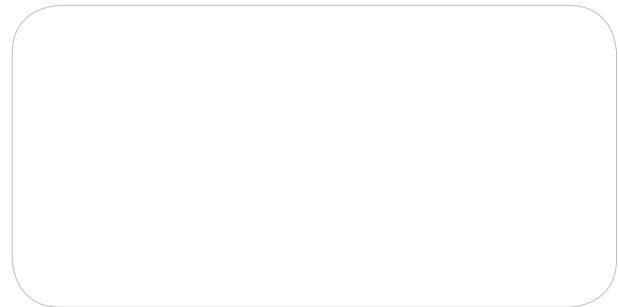
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In most countries our doors are available through subsidiaries or representatives, see

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