



Data Sheet
High Performance Door
RapidRoll® 392

The wind stays outside

Robust industrial door that offers good value for money.

Self-opening (depending on door size) once the brake has been released by the built-in counterweights.

Optional knock-out capability also available



The next generation in
intelligent door control systems
by Albany Door Systems

ADVANTAGES OF ALBANY RAPIDROLL® 392

- curtain guides in the side frames protect the material and offer high wind resistance and a long service life
- fast opening and closing minimises energy and hear loss
- door curtain made of high-transparency PVC or very rigid RollTex® Plus for extreme mechanical demands
- robust industry standard with attractive value for money
- solid basic design that can be upgraded individually as required

APPLICATION

- as an exterior door to prevent drafts and for access control
- as a room and environment divider to save energy indoors
- in busy transport locks

DESIGN

Self-supporting, easy-to-install design. A counterbalance is integrated into the galvanised metal profile side frames with counterweights. The top roll is made of aluminium for doors up to 4500 mm wide and steel for wider doors. The bottom profile is made of aluminium and can be fitted with an optional knock-out capability.

DOOR CURTAIN

The door has a curtain of clear PVC with blue vertical fabric stripes. Alternatively, for applications with greater mechanical demands, a curtain of RollTex® Plus fabric can be used. Plastic gliders are fitted to the door curtain for wind load resistance, which hold the curtain in the side frame profiles even under a heavy wind load. A curtain tension system is fitted as standard to the RapidRoll® 392.

KNOCK-OUT CAPABILITY

The door can be fitted with an optional knock-out capability. In the event of a collision, the bottom profile swivels out and a sensor causes the door to stop. Mounting can then easily be done by hand.

DRIVE UNIT

The drive unit is a geared brake motor. It can be fitted on the right or left.

CONTROL SYSTEM

The door is fitted with an ACS 50 control system as standard. Optional innovative frequency converter control system MCC^{VectorControl} for smooth, dynamic door operation.

MANUAL ACTIVATION

In the event of a power failure, the door can be opened by releasing the brake and manually lifting the bottom profile. The weights in the counterbalance act as a support.

SAFETY FEATURES

The door is designed according to the Workplace Directive of the UVV regulations and 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.

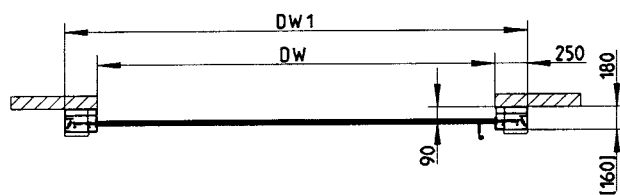
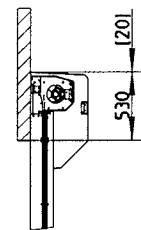
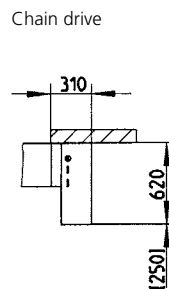
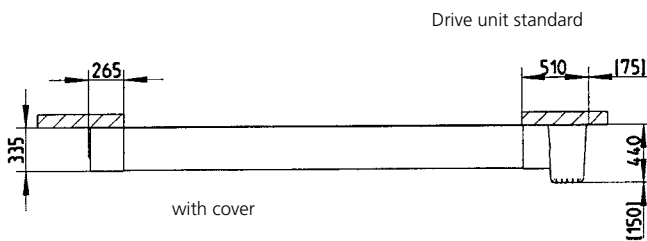
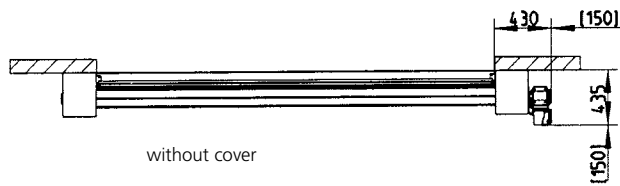
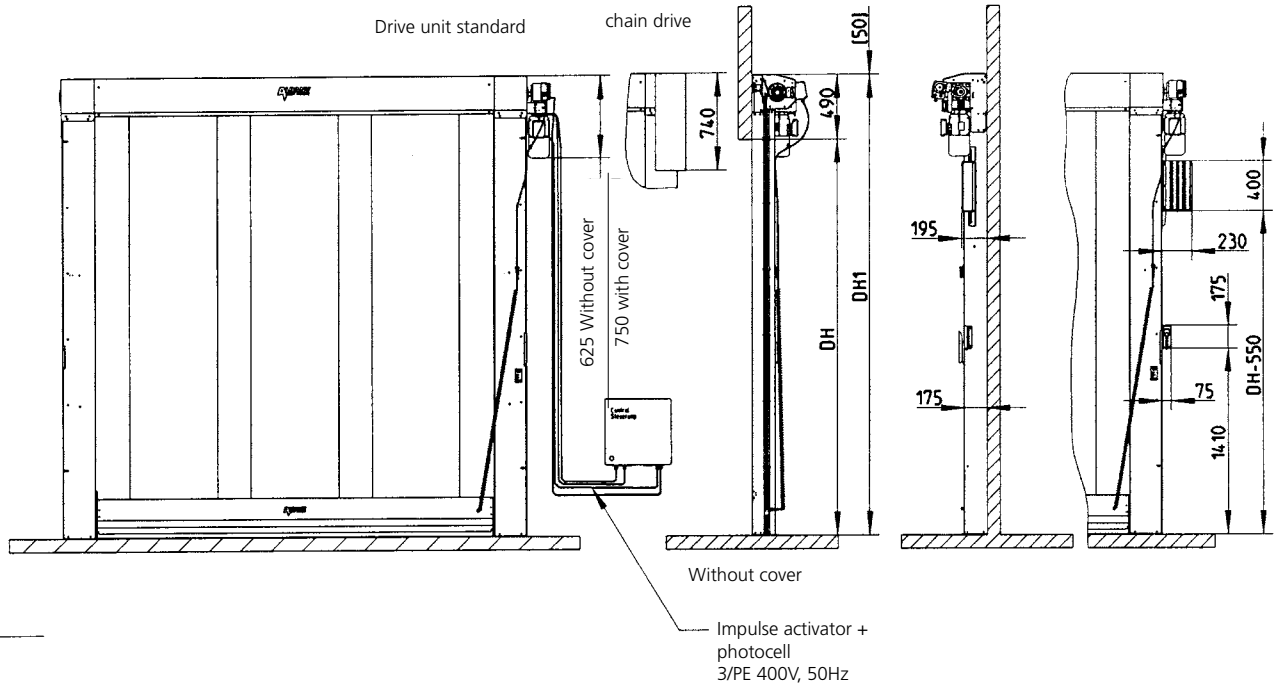
Technical Data		
Interior door	suitable	
Exterior door	suitable	
Wind resistance	class 2 - EN 12424	
Door dimension (mm)	For details please note general drawing!	
DW min. / max.	2000 / 6000 mm	
DH min. / max.	2000 / 6000 mm	
Opening direction	vertical	
Surface		
Side frames	galvanised steel profile	
Bottom profile	anodised aluminium	
Top roll	≤ DW 4500 mm anodised aluminium > DW 4500 mm primed steel	
Covers (optional)		
Top roll cover	● ¹⁾	
Motor cover	● 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 that is stiff across the grain) with/without window	●	
Wind taps	✓	
Curtain tension	✓	
Counterbalance	✓	
Drive unit	electrical	
Chain drive	●	
Control systems		
ACS 50	✓	
MCC ^{VectorControl}	●	
Motor power / kW	1,1 KW	
Safety		
Electric safety contact edge	✓	
Door line photocell	✓	
Fall down protection	✓ via counterweights	
Knock-out capability	●	
Self-opening	depending on size	
Manual activation	✓ with bowden lever operated from the floor	
Second bowden lever	●	
Extended seal	●	
Speed (m/s)	ACS 50	MCC^{VectorControl}
Open/close up to max. / m/s	0,8/0,8	2,2/0,9
Fuse protection	6,3 A	12 A
Control voltage	24 V DC	24 V DC
Protection degree	IP 55	IP 55
3L(N)/PE 220/230/380/400/415V; 50 Hz	✓ ²⁾	
3L(N)/PE 380/400/415/440/480V; 50/60 Hz		✓ ³⁾
Additional opening heights	—	●
Potential free contacts max. 250 V	✓	●
Traffic light function		
Without direction detection	✓	✓24 V DC
With direction detection	—	✓24 V DC
Flashing alarm light	✓	✓24 V DC
Error message	✓LEDs	✓plain-text
✓ standard ●option — 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.

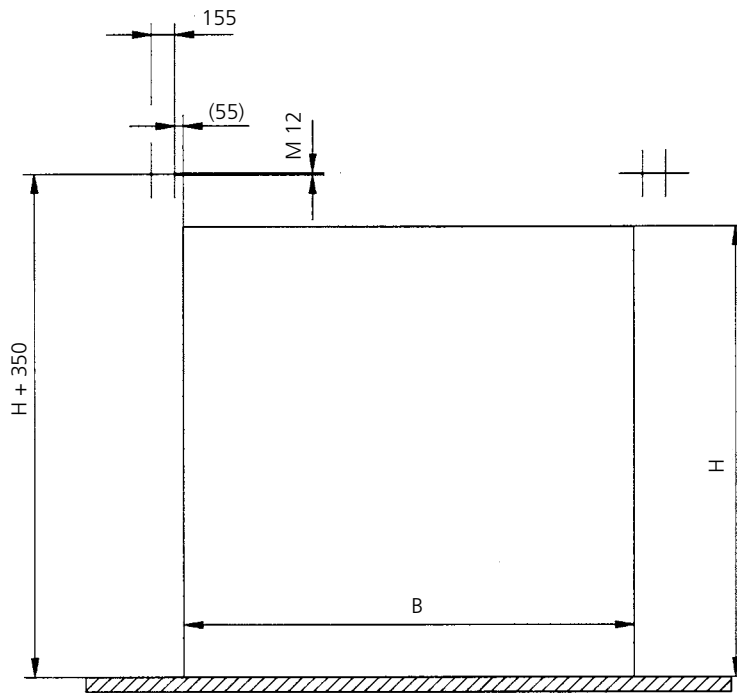
²⁾ Transformer necessary for 440/480/500 V.

³⁾ Transformer necessary for 220/230/500 V.

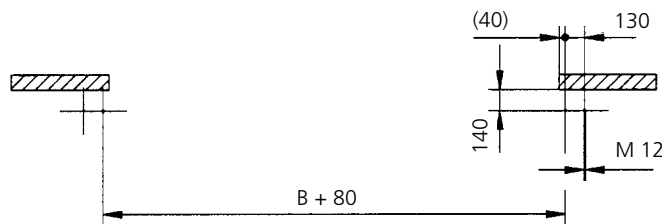
Only with MCC



| | = Space needed for installation



Fixing over lintel



Fixing to floor

MATERIAL

The side frames of the door consist of galvanised steel profiles.

TOP ROLL COVER ¹⁾

The basic model of the door is supplied without a cover for the top roll. A model with chamfered profiles is available as an option.

CURTAIN

The door is supplied as standard with a curtain made of PVC with blue fabric stripes. Alternatively robust RollTex® curtains can be used.

COLOUR

In addition to the standard blue, a large number of other colour options are available for the fabric stripes in the door curtain. If the robust RollTex® curtain is used, it can be fitted with a window for better visibility.

SAFETY FEATURES

The door has an electric safety contact edge. A door line photocell also prevents the door closing when objects or people are in the way.



MOTOR POSITION

The motor can be fitted on the left or right depending on the customer's choice.

MOTOR COVER ¹⁾

Basic version supplied without cover. An optional plastic cover is available for the drive unit.

CHAIN DRIVE

An optional chain drive can be used when space is at a premium at the sides. It is fitted in front of the side frames.

CONTROL BOX

Two control systems are available as option depending on the desired opening speed, supply voltage and activator requirements to operate the door.

KNOCK-OUT CAPABILITY

The door can be fitted with an optional knock-out capability. In the event of a crash, the bottom profile swivels out and a sensor stops the door. Mounting can then easily be done by hand.

BOTTOM PROFILE

The bottom profile is made of aluminium. It can be fitted with an extended seal to improve the sealing properties e.g. when the floor is uneven..

ACTUATORS

Depending on each individual application various additional safety-devices like infrared or radar detectors and all kind of industrial actuators (push button, vehicle detector loops, radio transmitter) can be added to the control system. Please contact us for counselling and providing your individual configuration.

Products shown may include additional options.

Notes:

¹⁾For doors of height ≤ 2500 mm the use of top roll and motor cover is required according to standard EN 13241-1.



Frequency converter control system MCC^{VectorControl}



Compact dimensions and integrated door design. Easy wiring by pluggable connections.



Compact frequency converter control system with vector control technology for smooth operation of the door.



Display unit in a small box placed at the side frame.



Display unit with foil keys and a graphical display offering easy operation and maintenance.



Products shown may include additional options.

ALBANY DOOR SYSTEMS

ASIA

KIARA PARK 172-3-2 • JLN. BURHANUDDIN HELMI
TTDI, 60.000 KUALA LUMPUR
PHONE: +60 (0) 3 77 27 01 84 • FAX: +60 (0) 3 77 27 01 84
INFO.ADS.MY@ALBINT.COM

AUSTRALIA

23 FAUNCE ST. WEST GOSFORD • 2250 NSW
PHONE: +61 (0) 2 / 43 23 23 86 • FAX: +61 (0) 2 / 43 24 54 11
SALES.ADS.AU@ALBINT.COM

GERMANY

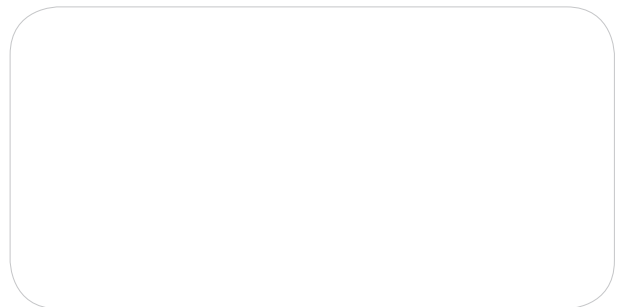
AM MONDSCHEN 25 • 59557 LIPPSTADT
PHONE: +49 (0) 29 41 / 766-0 • FAX +49 (0) 2941 / 766-294
VERKAUF.ADS.DE@ALBINT.COM

SWEDEN

BOX 509 • S - 301 80 HALMSTAD
PHONE: +46 (0) 35/14 73 00 FAX: +46 (0) 35/14 73 99
SALES.ADS.SE@ALBINT.COM

USA

975-A OLD NORCROSS ROAD • LAWRENCEVILLE • GA 30045-4321
PHONE: +1 (0) 7 770 / 338 / 5000 • FAX: +1 (0) 770/338/5024
SALES.ADS.US@ALBINT.COM



Albany Door Systems products and services are available around the world. For a subsidiary or representative in your region visit

WWW.ALBANYDOORS.COM