High-Performance Door
ASSA ABLOY RR392

ASSA ABLOY Entrance Systems
ASSA ABLOY RR392

- 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

### DOOR MATERIAL
The side frames of the door consist of galvanised steel profiles.

### DOOR CURTAIN
As standard the door is equipped with a transparent curtain with blue (RAL 5002) reinforcement stripes. Further colours for the reinforcement stripes are optionally available: red (RAL 3002), beige (RAL 1014), yellow (RAL 1021), orange (RAL 2011), green (RAL 6018), white (RAL 9016) and grey (RAL 7035).

### ALTERNATIVE CURTAINS / WINDOWS
Alternatively a curtain made of Roll-Tex® Plus is available in the following colours: orange (RAL 2009), blue (RAL 5002) and grey (RAL 7001). The insert of a window for improved visibility is optional.

### 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.

### 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. Doors with knock-out feature are equipped with a spiral cable. Integrated cable guidance is feasible for doors without knock-out feature and are optionally available.

### 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.
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.

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

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.

Two control systems are available as option depending on the desired opening speed, supply voltage and activator requirements to operate the door. The basic contactor control ACS 50 as well as the innovative frequency converter control MCC for an especially smooth run. The MCC control unit is installed directly under the drive unit. The control panel of the MCC control unit with convenient foil keys and a graphic display can be fixed on the side frame or on the wall. Comprehensive diagnoses and error codes are available on the display.
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Advantages of ASSA ABLOY RR392
- 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 temperature loss
- door curtain made of high-transparency PVC or very rigid RollTex® Plus for extreme mechanical demands
- robust industry standard at 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 of bevel-edged steel profiles. A counterbalance in the form of counterweights is integrated in the side frames. 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 reinforcement fabric stripes. Alternatively, for applications with greater mechanical demands, a curtain of RollTex® Plus fabric can be used. Windbreak taps are fitted to the door curtain for heavy 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 ASSA ABLOY RR392.

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 unit as standard. The innovative frequency converter control system MCC for smooth, dynamic door operation is optionally available.

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.

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 safety features of the door conform to the product standards and the corresponding harmonised CE-guidelines for power-operated doors. 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) 2000 / 6000 mm 2000 / 6000 mm |
| (DW min./max.) | ≤ 8 4500 mm aluminium |
| (DH min./max.) | > 8 4500 mm primed steel |
| Opening direction | vertical |

#### Surface
- Side frames
  - galvanised steel profile
- Bottom profile
  - anodised aluminium
- Top roll
  - ≤ 8 4500 mm aluminium
  - > 8 4500 mm primed steel

#### Covers (optional)
- Top roll cover
- Motor cover

#### Door curtain (alternatively)
- PVC with blue reinforcement stripes
- PVC with coloured reinforcement stripes
- PVC with silicon-free reinforcement stripes: blue (RAL 5010), white (RAL 9010), alugrey (RAL 7037), yellow (RAL 1021) red (RAL 3002) black (RAL 9005) or orange (RAL 2011)
- RollTex® Plus (fabric that is stiff across the grain) with/without window

#### Wind taps
- ✓

#### Curtain tension
- ✓

#### Counterbalance
- ✓

#### Control system / Drive unit
- Drive unit
  - electrical
- Chain drive
- ✓
- ACS 50
  - ✓
- MCC
  - •
- 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
  - •
- integrated cable guidance
  - •

#### Speed (m/s)
- ACS 50
  - 0,8/0,8
  - 2,2/0,9
- MCC
  - 24 V DC
  - 24 V DC

#### Protection degree
- IP 55
  - IP 55

#### Additional openings
- –

#### Potential free contacts max. 250 V
- ✓

#### Traffic light function
- ACS 50
  - ✓
- MCC
  - ✓

#### Without direction detection
- ✓
  - 24 V DC

#### With direction detection
- –
  - 24 V DC

#### Flashing alarm light
- ✓
  - 24 V DC

#### Error message
- ✓ LEDs
  - ✓ plaintext
General drawing ASSA ABLOY RR392

- Drive unit standard with cover
- Chain drive with cover
- Without cover

- Space needed for installation

- Impulse activator + photocell 3/PE 400V, 50Hz

- Only with MCC

- DW with extension box

- 560 with cover

- 625 without cover

- 750 with cover
Fixing plan **ASSA ABLOY RR392**

Fixing over lintel

Fixing to floor

ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for the efficient flow of goods and people. Building on the long-term success of the Besam, Crawford, Albany and Megadoor brands, we offer our solutions under the ASSA ABLOY brand. Our products and services are dedicated to satisfying end-user needs for safe, secure, convenient and sustainable operations.

ASSA ABLOY Entrance Systems is a division of ASSA ABLOY.