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.

ANSI APPROVED

Machine Protection Door
ASSA ABLOY RP2000

General drawing ASSA ABLOY RP2000

Assa Abloy Entrance Systems

Door types - standard curtain Laser protection curtain

Door type

A B C

C 210 265 265
U 495 495 550
S 495 495 555
F 250 300 300
K 200 250 250

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ASSA ABLOY RP2000

- Type tested machine protection door with aluminum door frame
- Safety light interlocks according to EN ISO 13855-1 and EN ISO 13855-2
- Doors conform to EN ISO 12100 and EN ISO 14119
- Can be continuously operated with up to 5 openings per minute
- Various configurations to satisfy factory standards are possible
- High visibility even after long hours of service

### Door Design
The side frames are self-supporting and made of galvanized steel sheet sections. The top cover is made of anodized aluminum, motor cover is made of sheet metal. The side frames can be painted in many RAL colors.

### Door Curtain
- Stainless, rigid door curtain is made from anodized aluminum sheets.
- Optional: For process monitoring and accessibility.

### Control System
- The door can be fitted with a motor and top roll cover when needed.
- The stable, rigid door curtain is made of anodized aluminum.
- The side frames are self-supporting and made of galvanized steel sheet sections.

### Extended Temperature Range
- 4) Extended temperature range on request

### Door Construction
- The door is made of aluminum as standard. The top cover is made of aluminum and the bottom cover is made of metal. The microprocessor control makes it possible to control the door.

### Machine Protection Door ASSA ABLOY RP2000

- With a closed, bellows curtain made from aluminum sheet, the ASSA ABLOY RP2000 provides complete protection, even from deflection of the curtain.
- The door is connected with safety limit switches for control functions, including:
  - very rapid speeds
  - reduced operational pressure
  - minimum maintenance intervals
  - remote start function
- Individual data can easily be replaced as required.

### Door Curtains
- The door is made of aluminum as standard. They can be equipped with windows made of polycarbonate (210 x 400 mm) as an option. Number of functions depends on the door width.

### Control System
- The door is operated by the powerful MCC control system that allows high dynamic opening and closing speeds up to 2.0 m/s or 1.2 m/s, which means extremely short cycling times.

### Manual Activation
- In case of a power failure the door can be operated by releasing the door. The door can be opened by releasing the door. The door can be started by releasing the door. The door can be closed by releasing the door. The door can be opened by releasing the door. The door can be closed by releasing the door. The door can be started by releasing the door.

### Indication ofNickel/Safety Features
- The security of the door is designed for normal use for vehicles in industrial environments corresponding to the harmonized CE Guidelines. The door is designed according to the regulations of the Workplaces Directive 2006/54/EC as well as the Horizontal E Guideline included in the EN 13411. Next to this, special environmental conditions may have impact on the right choice of a door to use. In any case of a doubt please contact our sales engineer to receive consulting in your application.

### Laser Protection
- The machine protection door ASSA ABLOY RP2000 is certified for laser protection. It also complies with the laser safety guidelines and standards.

### TECHNICAL DATA

#### Application
- The machine protection door ASSA ABLOY RP2000 is designed for industrial environments and meets the requirements of the Workplaces Directive 2006/54/EC as well as the Horizontal E Guideline included in the EN 13411.

#### Performance Data
- Speed: 2.0 m/s (1.2 m/s for safety reasons)
- Power supply: 50/60Hz
- Control System: MCC (Motor Control Center)
- Actuator: NHK Chain Drive
- Additional opening height: 50/60Hz
- Height grid 100 mm
- Wind resistance (EN 12424) Class 3
- Safety curtain: Top line according to EN 13241-1

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