

Vertical lifting fabric door

Crawford VL3116

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



Extra large size vertical lifting fabric door

The Crawford VL3116 vertical lifting fabric door is especially designed for extreme industrial environments where doors are exposed to moisture, dust and very high or low temperatures, or where the door opening is large.

The unique design and structure offers durability, tightness, energy efficiency, operational reliability and minimum maintenance. Every door is individually designed to meet application requirements, for example wind load.

The main advantages of the unique Crawford VL3116 are:

- Robust design
- Operational reliability
- Low maintenance cost
- Well sealed
- Flexible design
- Suitable for tough industrial environment
- Top-class safety and quality
- Automatic door control

Resistant to damage

- Thanks to the flexible design, minor collisions do not cause permanent damage.
- There are no hinges, springs, cables or couplings that can be damaged if anything collides with the door.

Withstands high wind loads

- By designing the door leaf with a suitable number and type of intermediate beams, the Crawford vertical lifting fabric door can be dimensioned to withstand high wind loads.

Extreme weather has no influence

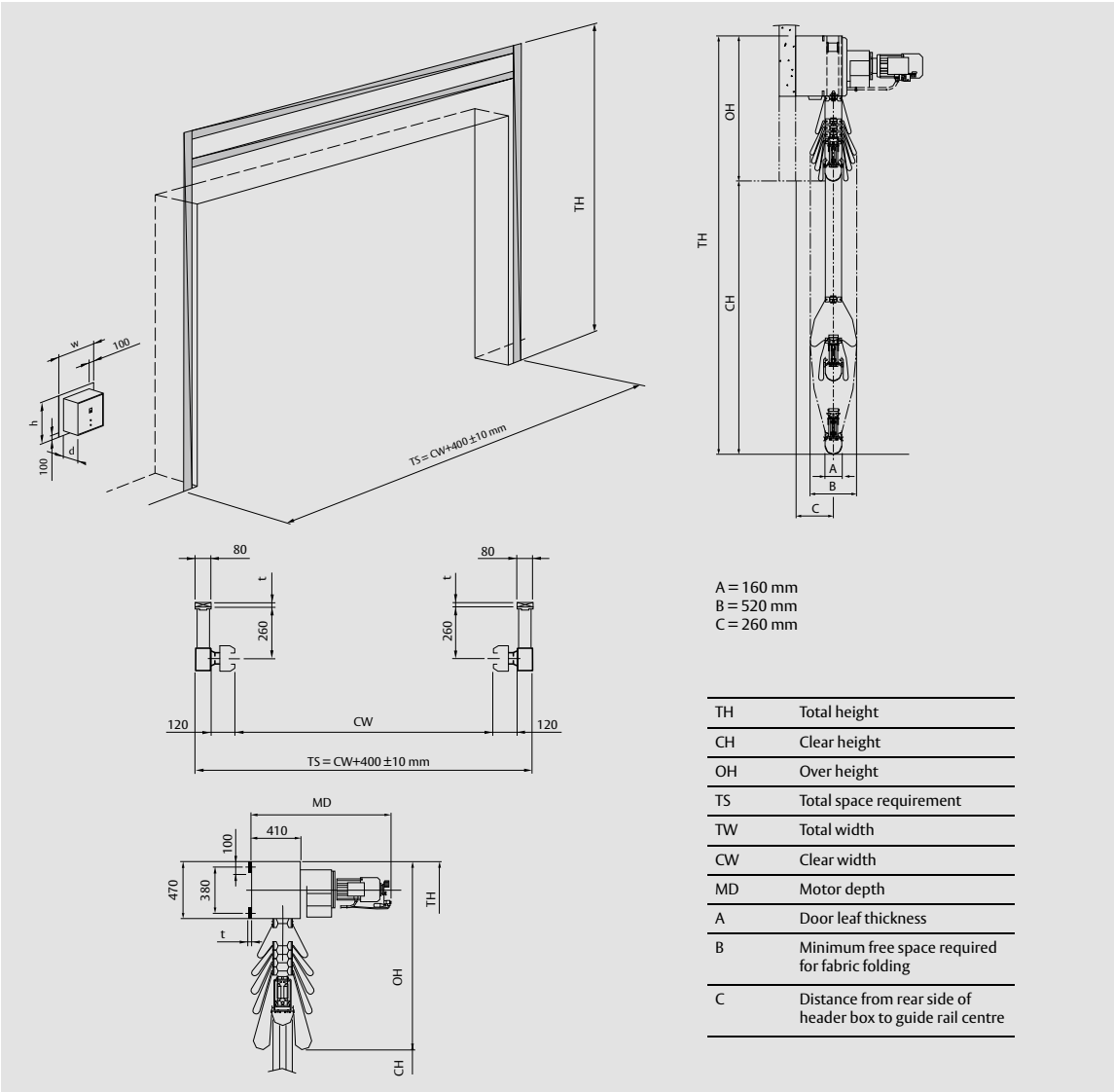
- The Crawford vertical lifting fabric door is made of highly durable materials that easily cope with temperatures from -35°C to +70°C.
- The reinforced, UV-resistant, flame-resistant door fabric is protected against mildew and rot.

Technical Data

Max size (W / H) ¹	14000 / 16000 mm
Door leaf thickness	160 mm
Guide rails material	aluminium
Vision panels	optional
Wind load resistance ² (differential pressure)	0.45-1.6 kPa depending on size (class 2-5, EN 12424)
Sound reduction (standard)	15 dB Rw (ISO 717)
Water resistance, EN 12425	class 3
Air permeability, EN 12426	class 2
Thermal transmittance, EN 12428	depending on door size, specific data on request
Normal opening speed	0,2 - 0,3 m/s
Increased opening speed	0,4 - 0,6 m/s
Operating environment temperature range	-35°C to +70°C

1) Other sizes on request 2) Higher wind load classification on request

Dimensional specifications



Options

Vision Panels
Vision panels (windows) are available for the standard and arctic fabrics to improve light admission and visibility through the door leaf. The vision panels are available in four different sizes.

Arctic Fabric
The arctic fabric replaces the standard fabric in environments where the temperature can be as low as -54°C.

Sound-reduction Fabric
The sound-reduction fabric is for use in environments where the transmission of sound through the door must be reduced. It is installed on both sides of the door leaf.

Security Fabric
The security fabric is for use in environments where security is important. It is similar to the standard fabric with the addition of galvanized steel wires inside the fabric. It is installed on both sides of the door leaf behind the standard fabric.

Heat-resistant Fabric
The heat-resistant fabric replaces the standard fabric on the inside of the door leaf when there is a requirement to contain heat and/or chemical hazards. It is available with three different coatings dependant on the environment where it is going to be used.

Diagram illustrating various access and automation options for the door system:

- Push button
- Pull rope
- Remote control
- Magnetic loops
- Photocells
- Radar

Access and automation

Standard available colours

Beige RAL 1001	Signal blue RAL 5005	Signal grey RAL 7004	White Aluminium RAL 9006	Translucent white
Signal red RAL 3001	Fir green RAL 6009	Anthracite grey RAL 7016	Traffic white RAL 9016	