

High Speed door

ASSA ABLOY HS9040G

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world



High speed door for efficient traffic flow and complete safety

The HS9040G is a state-of-the-art high-speed door designed to improve your traffic flow and provide exceptional employee comfort while saving energy. The superior sealing technology protects work areas against drafts, humidity, dust, and dirt. To ensure long-term reliability and smooth operation, the door is powered by a frequency converter-driven motor with a soft start and stop feature. This robust system is housed in a high-quality control box, providing precise command over all door functions.

The HS9040G offers:

- **Operational Efficiency:** Fast opening and closing speeds—averaging 1.2 m/s for opening—ensure that your logistics operations never slow down.
- **Automatic Recovery:** Features a breakaway and automatic reset system where the curtain reintroduces itself after a crash to reduce downtime and maintenance costs.
- **User-Friendly Interface:** Equipped with a clear display that offers a wide range of operational information for the user.
- **Enhanced Hygiene:** Optional stainless-steel covers are available to improve corrosion resistance and enhance washability for sensitive environments.

HS9040G Series - Intelligent Safety Compliance

Safety is at the core of the HS9040G design, which is fully compliant with EN13241 anti-crushing safety standards. The door utilizes a soft bottom profile with no rigid parts, designed to give way immediately if an obstruction is detected during the closing cycle. Additionally, the impact-absorbing fabric curtain releases from its side guides if hit, avoiding damage to both the door and the surrounding equipment.

Visibility and Integrated Protection

To provide a "safer and more open world," the HS9040G includes high-performance safety components:

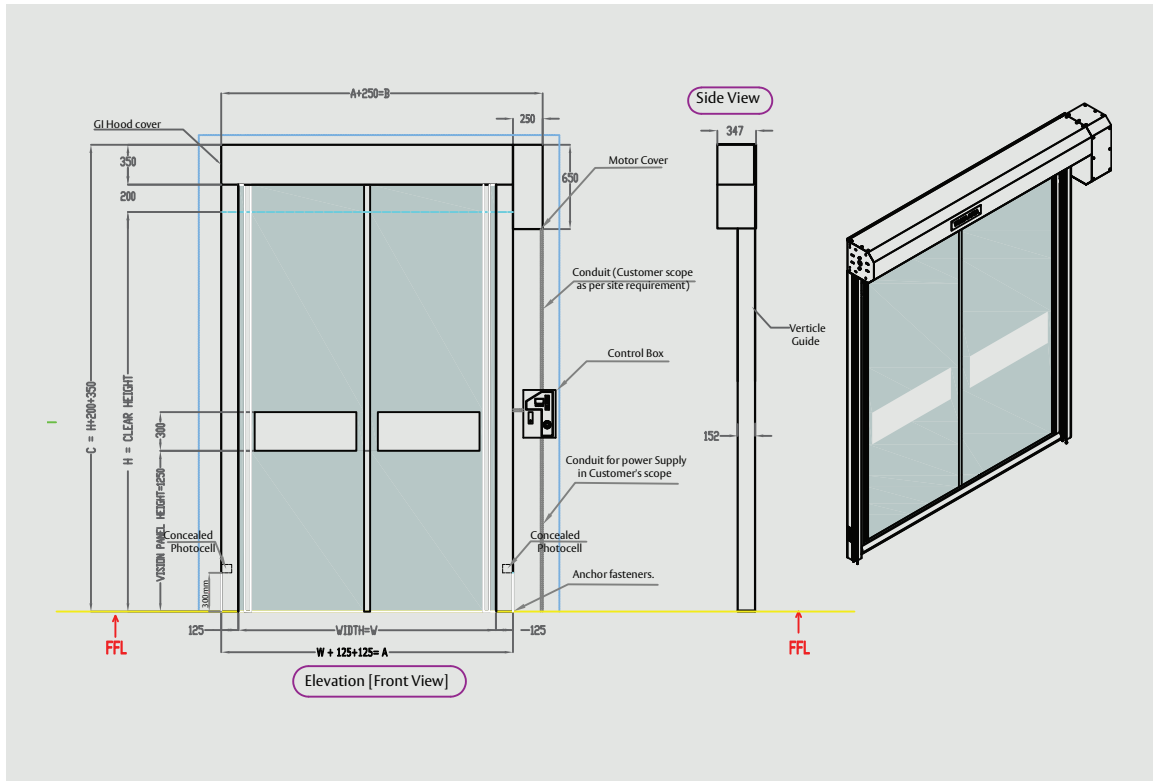
- **Window Vision Panels:** Optional transparent panels offer clear visibility to the other side before operating or passing through the door.
- **Standard Safety Features:** Includes a set of photocells and an integrated brake on the motor for precise control, along with an emergency opening hand-crank.
- **Advanced Monitoring:** Supports optional safety accessories such as a Bottom Safety Edge (impact reversal), Top Roll Monitoring, and a Light Grid for maximum perimeter protection.

Technical Data

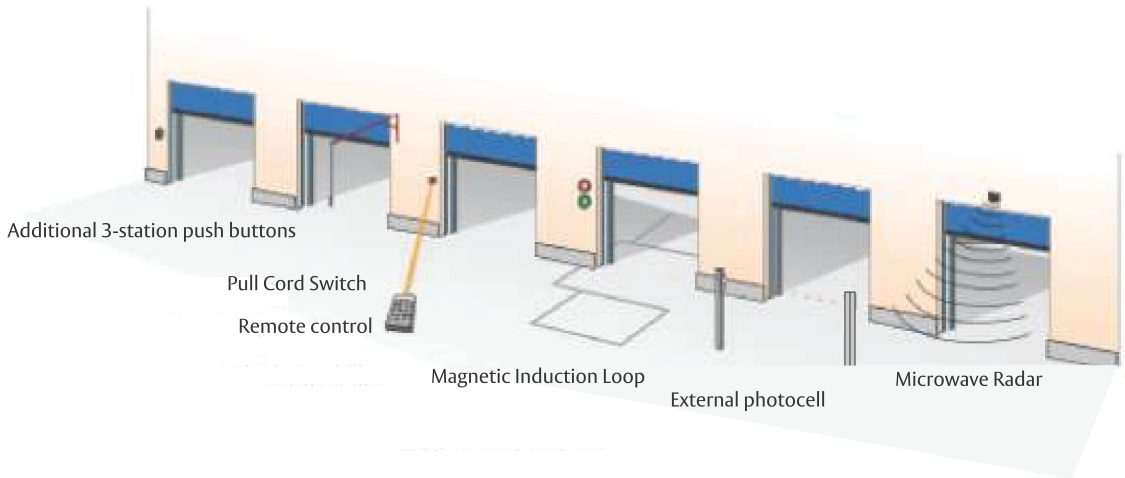
Maximum size (W x H)	5,000 x 5,000 mm
Minimum size (W x H)	1,500 x 2,000 mm
Guides material	GI (standard), SS (optional)
Canopy & cover	GI (standard), SS (optional)
Curtain	Reinforced PVC, 0.8 mm thick
Control unit	Servo control with VFD for soft start/stop
Encoder & sensing	External absolute encoder and limit sensing
Power supply	230 VAC, 1 phase, 50 Hz
Max Opening speed	Max. Average 1.2 m/s
Closing speed	Average 1.0 m/s
Motor power	0.75-1.5 kW
Operational life	Tested for 500,000 cycles, up to 1500 cycles/day
Operating temperature	+5 deg C to +40 deg C
Wind resistance	Minimum 45 kmph
Standard safety features	1 set of photocells, Integrated brake on motor, Emergency opening by hand-crank
Optional safety accessories	Bottom safety edge (impact reversal), Light grid

**Non-standard sizes and colours available on request; Light grid replaces photocells

Dimensional specifications



Optional Control Accessories



Standard available Colors

- 

Blue
RAL 5010 - Standard
- 

Yellow
RAL 1018 - on request
- 

Grey
RAL 7035 - on request



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