



Speedgate

BS-SF120

SPEED GATES

Speedgate BS-SF120 is an advanced swing gate system equipped with a BLDC motor, gearbox and electromechanical brake, designed for intensive and long-term operation while providing a high level of security; it offers extensive customization via the onboard fast-menu system, including free-entry/exit modes, automatic closing, adjustable motor speed, smooth operation mode, impact response, anti-reverse-direction protection and defined opening direction during panic. The passage corridor is monitored by paired sensors, and the wings automatically open in case of power loss or panic signal. Passage widths can be manufactured between 500–1000 mm and wing heights between 950–1800 mm, allowing configurations suitable for wheelchairs and goods transport.

MAIN FEATURES

- ⊕ Available in stainless steel (AISI 304) or powder-coated body
- ⊕ 8 mm plexi wings (optional 10 mm or colored plexi)
- ⊕ BLDC motor + gearbox with integrated encoder
- ⊕ Adjustable passage width: 450–900 mm
- ⊕ Extensive safety and logic configuration menu
- ⊕ Anti-tailgating and reverse-direction protection
- ⊕ Automatic opening during emergency or power loss
- ⊕ RS485 communication (optional TCP/IP)
- ⊕ Passage monitoring with paired sensors
- ⊕ Fast and quiet operation (0.5–1.2 sec)
- ⊕ IP54 protection rating

VARIANTS

SF120 Standard



SF120 H130



SF120 Height



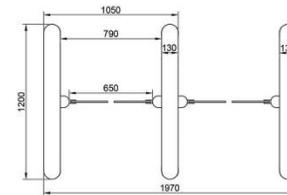
SF120 XL



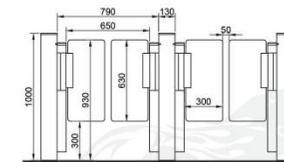
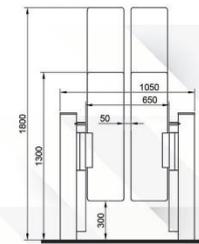
TECHNICAL DATA

Model	BS-SF120
Body Material	AISI 304 stainless steel or electrostatic powder-coated steel
Wing Material	8 mm plexi (optional 10 mm / colored plexi)
Top Cover	8 mm plexi (optional 8 mm tempered, ground glass)
Passage Width	450–900 mm
Drive Mechanism	BLDC motor & gearbox with integrated encoder
Opening/Closing Time	0.5–1.2 sec
Power Supply	230 VAC, 50/60 Hz
Internal PSU	24V
Sensors	3 sensors (depending on model)
IP Rating	IP54
Communication	RS485, optional TCP/IP
Warranty	2 years

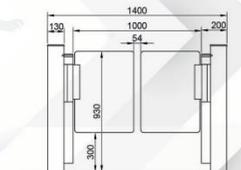
SF 120 Standart



SF 120 Height



SF 120 XL



SPECIFICATIONS:

Dimensions:
 Transition Width: 500 – 1000 mm
 Leaf Height: 950 – 1800 mm
 Movable Leaf Bottom Clearance: 320 mm
 Body Length: 1200 mm
 Body Height: 1000 mm