AUTOMATIC SLIDING DOORS

STA20 / STA22 / STA20 FL



A complete entrance.
Or an upgrade to a suitable existing door.

Single and bi-parting automatic doors with standard, heavy-duty and all-glass options. Supplied, installed and maintained by Sentry Automation.

Technical basis: Record STA20 UK datasheet

SLIDING DOORS / SPECIFICATION GUIDE / 01

02 / DIMENSIONS & PERFORMANCE

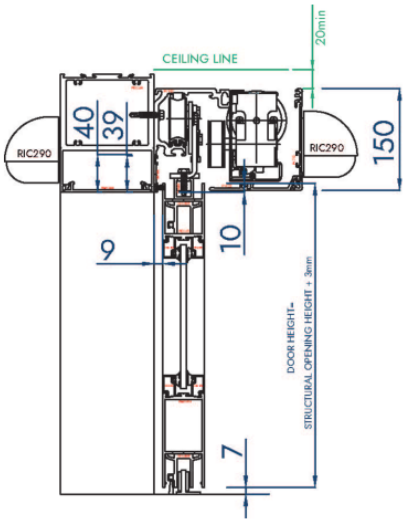
Specify the capacity. Select the drive.

RECOMMENDED APPLICATION LIMITS

Configuration	Single leaf / E-STA	Bi-parting / D-STA
Opening width	800-3,000mm	800-3,000mm
Passage height	3,000mm	3,000mm
STA20 standard	1 × 150kg	2 × 120kg
STA20 DUO / RED	1 × 150kg	2 × 150kg
STA20-200 reinforced	1 × 200kg	2 × 150kg
STA22 heavy duty	1 × 250kg	2 × 200kg

OPERATING DATA / DATASHEET BASIS

Speed	Opening / closing up to 0.7m/s; adjustable, closing mass-dependent.
Day hold-open	0-30 seconds.
Supply / power	230V AC, 50Hz; 100W maximum / 20W idle.
Environment	Dry locations; -15°C to +50°C.
Other published fields	Output <10mW; maximum response <50ms. Refer to the source for application.



Original manufacturer section.
Generic detail; not a project drawing.

Check width, height, leaf mass and profile as one assembly. Limits do not establish that every maximum can be combined.

Technical basis: Record STA20 UK datasheet

0113 403 5583 enquiries@sentryautomation.co.uk sentryautomation.co.uk

03 / PROFILES & VARIANTS

Three approaches. One sliding-door family.

STA20 / STANDARD SLIDING

For new entrances or suitable existing aluminium, steel or timber doors. Available with framed, fine-frame and frameless configurations; self-monitoring and diagnostics support operation.





STA22 / HEAVIER LEAVES

For higher leaf masses: up to 250kg single or 200kg per leaf bi-parting. Coordinate the glass, profiles and supporting structure with the selected operator.

STA20 FL / ALL-GLASS

A frameless appearance for visually open entrances. Agree glass specification, edge detailing, manifestation, guidance and locking as part of the complete entrance.

FINISH, SECURITY & ESCAPE

Over 200 RAL colours are listed. RC2 / RC3, electric motor-brake locking and extended battery backup are options for specified configurations. Obtain evidence for the exact security or escape-route assembly.

Technical basis: Record STA20 UK datasheet

04 / ACCESSORIES & PROJECT BRIEF

Complete the package. Define the scope.

BDE-D / ELECTRONIC CONTROL

User control and programming interface.



BLS60 / TOUCHLESS SWITCH

Contact-free opening request.

VRR20 / MOTORISED LOCK

Locking option for compatible sliding and telescopic systems.

INFORMATION FOR AN ACCURATE QUOTATION

Opening & parking	Clear passage, side screens, parked-leaf envelope, headroom and support.
Door assembly	Leaf dimensions / mass, frame, glazing, finish, guides and threshold.
Controls & safety	Activation, presence sensing, locks, night mode, escape and power-loss behaviour.
Scope & handover	Power and interfaces, removal / making good, access arrangements, commissioning and maintenance.

SENTRY AUTOMATION / SUPPLY • INSTALL • MAINTAIN

0113 403 5583 / enquiries@sentryautomation.co.uk

Source: Record STA20 UK datasheet . Manufacturer images and section reproduced as product illustrations; they are not Sentry project photographs. Electrical data follows this datasheet; confirm the actual supplied operator variant at order.

Technical basis: Record STA20 UK datasheet