AUTOMATIC TELESCOPIC SLIDING DOORS

TSA20 / TSA22 / specialist variants



Stacking leaves.
More usable passage.

Two- and four-leaf automatic entrances where side space is limited. Supplied, installed and maintained by Sentry Automation.

Technical basis: supplied TSA20 UK datasheet + Record product pages

TELESCOPIC DOORS / SPECIFICATION GUIDE / 01

02 / DIMENSIONS & PERFORMANCE

Compare the leaves. Confirm the capacity.

RECOMMENDED LIMITS / SUPPLIED DATASHEET

Configuration	E-TSA / 2 leaves	D-TSA / 4 leaves
Opening width	800-3,000mm	1,200-4,000mm
Passage height	3,000mm	3,000mm
TSA20 standard	2 × 90kg	4 × 80kg
TSA20 DUO	2 × 120kg	4 × 90kg
20-200 reinforced	2 × 130kg	4 × 90kg
TSA22 heavy duty	2 × 170kg	4 × 130kg

OPERATING DATA / TSA20 & TSA22 DATASHEET

Supply / power	100-240V AC; 90W rated / 25W standby.
Environment	IP20; -15°C to +50°C; humidity up to 85%.
Open time	0-6 seconds as printed in the supplied datasheet.

CONFIRM THE SELECTED VARIANT

The current TSA20 webpage lists E-TSA DUO/RED at 2 × 130kg and hold-open 0-60s, differing from the supplied datasheet above. Confirm the operator / firmware schedule before ordering. Maximum dimensions and masses are configuration dependent.

Technical basis: supplied TSA20 UK datasheet + Record product pages

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03 / RANGE & APPLICATIONS

A wider opening.
A choice of door assembly.

TSA20 / STACKING LEAF DESIGN

The leaves stack when open, reducing required side space by around 30% against a conventional sliding arrangement. The System 20 platform offers programmable controls, self-learning adjustment and access-control integration.





TSA22 / HEAVIER LEAVES

For two-leaf weights up to 2 × 170kg or four-leaf weights up to 4 × 130kg. Agree the glass, profiles and complete per-leaf mass with the operator selection.

CLEAN T2 / HYGIENIC

Easy-clean finishes, water-resistant materials and a noise-dampening core suit controlled environments. Radiation, smoke or fire options require the exact specified construction and supporting evidence.

FINISH & PERFORMANCE OPTIONS

Over 200 RAL colours, an RC2 option and thermally separated variants are listed. Do not assume a security, hygiene or thermal rating applies to every TSA20 or TSA22 assembly.

Technical basis: supplied TSA20 UK datasheet + Record product pages

04 / COORDINATION & ACCESSORIES

Specify the geometry. Complete the controls.

TSA20 HEAD & SUPPORT / CURRENT WEB DATA

Drive heights	108 / 150 / 200mm.
Depth without side piece	222mm at 108 / 150mm height; 225mm at 200mm.
Depth with side piece	259mm at 108 / 150mm height; 262mm at 200mm.
Support beam F	E-TSA: at least 1.5 × passage A + 100mm. D-TSA: at least 1.5 × A + 200mm.
Overall height J	Passage height G + selected drive height.

ACCESSORIES & PROJECT BRIEF

BDE-D / BLS60	Electronic mode control / programming and optional touchless opening request.
Opening & parking	Record clear passage, full parked-leaf stacks, side screens, overlaps and header support.
Safety & control	Coordinate activation, presence protection, locking, authorised access and the agreed escape / power-loss sequence.
Scope & handover	Confirm floor guides, power, cables, making good, drawings, commissioning and maintenance.

SENTRY AUTOMATION / SUPPLY • INSTALL • MAINTAIN

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Technical basis: supplied TSA20 datasheet and current Record UK TSA20 / telescopic pages. Manufacturer photographs are illustrative and are not Sentry project images. Use the approved project layout and final equipment schedule for installation.

Technical basis: supplied TSA20 UK datasheet + Record product pages