

record STA 22

automatic opening of heavy linear sliding doors



record STA 22



record
your global partner for entrance solutions

record STA 22

automatic opening of heavy linear sliding doors

Brief Description

The robust STA 22 automatic door is particularly suitable for special entrances and applications using heavy door leaves. Featuring a wider running track, larger carriage wheel assemblies and two larger drive motors, the STA 22 can easily accommodate architectural preferences for imposing automatic sliding door entrances, without sacrificing operational speed, safety, acoustics or product longevity.

Compared with similar heavy duty operators available on the market, the standard 200mm high pelmet profile of the STA 22, for both standard and telescopic sliding operators, puts it in a design class of its own. At record, we can work with building designers to integrate this operator within a wide variety of design applications.

Mechanics

The absence of noise is the most striking feature of our automatic doors and is achieved with a combination of:

- acoustically decoupled, hardened running tracks (replaceable)
- running carriage with hardened nylon wheels with sealed bearings and compensation for structural tolerance and adjustable attachment to door leaves
- motor and guide pulleys with sealed bearings
- low momentum toothed belt drive for minimum wear and low acoustic impact

Electronics

- interactive communication between components to monitor and enhance performance, safety and security
- malfunction potential is greatly reduced by the drive monitoring ability
- self learning processor with active automatic adjustment for optimum operation is the heart of the drive system which provides ongoing quality performance
- record BDE-D mode switch, with graphic display, enhanced by background lighting with menu-LED navigation, full diagnostics and programming capability

Options include

- record BDE-M keyed 4 position mode switch with operator reset
- AU standard 4 position master keyable mode switch
- AU standard 4 position knob type mode switch

Design

Carefully designed housing and covers in quality Australian Aluminium provide the aesthetically pleasing appearance of our systems which provide both standard and low profile options with the same 100% duty rated performance up to 200kg. The elegant design lines allow our door systems to be integrated harmoniously into a building, or become a style feature.

Standard 200mm profile drive units.

record door leaf profiles are available in aluminium framed or frameless glass.

Key Features

- for doors with heavy leaves and heavy duty applications
- robust construction with long life performance
- high capacity with efficient and low noise operation
- failsafe electric motor brake locking with extended battery backup
- self monitoring system with diagnostics
- low noise, long life, replaceable track system
- height adjustable trolleys with anti-rise and long wear wheels

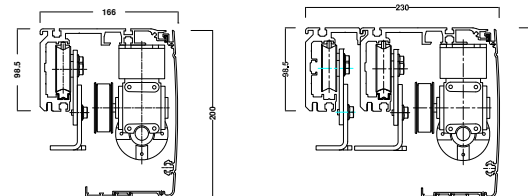
Technical Specifications

Door operating speed	up to 0.7 m/s (adjustable)
Operating housing dimensions H x D	200 x 166 mm
Power supply	230VAC, 50 Hz
Power consumption	120W, 25W idle mode
Stat. drive power	Max. 150N
Protection rating	For use in dry locations only
Ambient temperature	-15°C to +50°C

Recommended Application Limits

	Standard Sliding (STA 22)		Telescopic Sliding (TSA 22)	
Door type:	Single	Bi-Parting	Single	Bi-Parting
Opening width:	800 – 3000 mm	800 – 3000 mm	800 – 3000 mm	1200 – 4000 mm
Passage height:	3000 mm	3000 mm	3000 mm	3000 mm
Door leaf weight:	1 x 250 kg	2 x 200 kg	2 x 170 kg	4 x 130 kg
Recommended application:	standard sliding door applications		maximum opening width	

Pelmet Details



Compliance

record STA 22 operators meet the Building Code of Australia (BCA) requirements and are tested to stringent European standards DIN EN16005 (durability and safety).

record complies with the design, safety and functionality guidelines of the non-legislative Australian Standard AS5007:2007.