



Record STA 22H

Automatic opening of heavy linear sliding doors

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

Product 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 |

Your global partner for entrance solutions

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

Optional

- » Record BDE-M keyed 4-position mode switch with operator reset
- » AU standard 4 position master keyable 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 200 kg. 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

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 of AS5007-2007 including one million cycle testing.

Specifications

| | |
|------------------------------------|-------------------------------|
| Door operating speed | up to 0.7 m/sec (adjustable) |
| Operating housing dimensions H x D | 200 x 166mm (standard) |
| Power supply | 100-240V AC, 50 Hz |
| Power consumption | 90W max, 25W idle mode |
| Stat. drive power | Max. 150N |
| Protection rating | For use in dry locations only |
| Ambient temperature | -15° to + 50°C |

Recommended Application Limits

| | STA 22 | | STA 22 (dual) | |
|------------------|------------|------------|---------------|-------------|
| Door type | Single | Bi-Parting | Single | Bi-Parting |
| Opening width | 800-3000mm | 800-3000mm | - | 1600-6000mm |
| Passage height | 3000mm | 3000mm | - | 3500mm |
| Door leaf weight | 1x 300kg | 2x 220kg | - | 2x 300kg |