

record RST 20

automatic opening of radial sliding door



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record
your global partner for entrance solutions

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This type of door can be integrated into virtually any curved space, and be curved inwards or outwards (concave or convex). With record's ability to custom design and build a freestanding structure, in Australia, to support the curved operator, just like a revolving door, we are able to work with architects and building owners to provide them with a striking entrance feature that complements the surrounding facade.

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

- 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.

- 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

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.

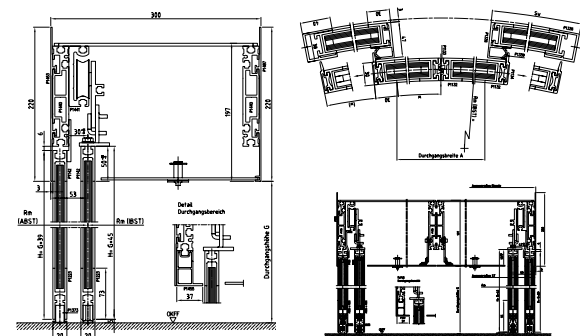
Standard 200mm profile drive units.

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

- 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

Door operating speed	up to 0.7 m/s (adjustable)
Operating housing dimensions H x D	200 x 166 mm
Power supply	230VAC, 50/60 Hz
Power consumption	100W max, 20W idle mode
Stat. drive power	Max. 150N
Protection rating	For use in dry locations only
Ambient temperature	-15°C to +50°C

Door type:	Single	Bi-Parting
Opening width:	800 – 3000mm	800 – 3000mm
Passage height:	3000mm	3000mm
Door leaf weight:	1 x 250kg	2 x 200kg
Recommended for:	feature automatic door entrances	



record RST 20 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.