record CURVED
Sliding doors in any imaginable radius
Doors define entrance areas and thus entire buildings. record CURVED sliding doors are ideally suited to add stylish elegance to a facade. They give the entrance an inviting look and are extremely versatile, enabling optimal use of space. More light and more space lend an entrance area a beautifully spacious appearance.

Applications
- Hospitals / Nursing homes
- Shopping centres
- Airports
- Hotels
- Office buildings
- Banks / Insurance companies
- Convention centres / Museums
- Luxury shops

record CURVED portfolio

Sliding doors in any imaginable radius

record CURVED door systems have been perfected technically and from a quality point of view, and can accommodate diameters of up to 10 metres. They are equipped with near-silent drive mechanisms, which can be integrated into the ceiling or concealed under the finished floor. Concealed underfloor drive units, in conjunction with all-glass CURVED door systems, provide a particularly light and transparent visual effect, and are the preferred choice for glass facades.

Door systems give you complete freedom of choice of materials, whether brass, chrome, stainless steel, any RAL colour or bespoke radius. Diameter and overall height, are like radius available in a variety of sizes.
Flexible in every respect

A proven concept

The record system 20 is the core component of our automatic door drives. Starting with this system, we can provide a wide range of doors based on the same components, which are adapted to the respective requirements.

The record system 20 enables you to implement all entrance solutions, including standard and telescopic sliding doors or curved sliding doors. These suit spacious areas with generous openings, or in tight spaces we provide folding doors or angled sliding doors. The flexible, modular system shortens installation time and reduces servicing and maintenance costs.

record CURVED Standard

The standard semi-circular and round versions are simple to operate, easy to install and come in a wide variety of design options. This door can be CURVED inwards or outwards and integrated in passage widths between 1000 and 2400 mm.

record CURVED Special

These customised solutions for passage widths from 1000 to 3000 mm offer great versatility. Versions derived from the standard shapes as well as ovals, double segments and corner solutions are all feasible. The optional concealed underfloor drive suits all-glass facades. Thanks to their immense variability and wide range of designs, the record CURVED sliding doors allow virtually infinite freedom in design.

Benefits and advantages

- Attractive alternative to revolving doors
- Burglar resistant according to RC2/RC3 according to EN 1627 (with certificate)
- TÜV approved
- Suitable for escape and emergency routes
- User-friendly and reliable
- Exceptionally quiet
- Installation and commissioning by record

record CURVED options

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<th>CURVED CONCAVE</th>
<th>CURVED SPECIAL</th>
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<td>Exterior diameter Q</td>
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<td>from 1 600 mm</td>
<td>from 1 600 mm</td>
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<td>Radius R</td>
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<td>from 800 mm</td>
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<tr>
<td>Passage width A</td>
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<td>1 000–3 300 mm</td>
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<td>Passage height G</td>
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<td>RC2/RC3 according to EN 1627</td>
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Basic shapes and special versions

**CURVED Standard, 180° / 360°**

- Semi-circular, 180°
  - Feasible with CURVED Standard

- Round, 360°
  - Feasible with CURVED Standard

**CURVED Convex**

- Curved Outwards
  - Feasible with CURVED Convex

**CURVED Concave**

- Curved Inwards
  - Feasible with CURVED Concave

**CURVED Special, 180° - 360°**

- Corner door 90°, optimal use of space
  - Feasible with CURVED Special

- Semi-circular, with windbreak 180° and linear sliding door, feasible with CURVED Special

- Semi-circular, anchored
  - Feasible with CURVED Special

- Corner door, 270°
  - Feasible with CURVED Special

- Enlarged windbreak
  - Feasible with CURVED Special

- Oval, with windbreak
  - Feasible with CURVED Special
your global partner for entrance solutions
record CURVED Standard

Aesthetics, comfort and safety

The standard semi-circular and round versions are used in all types of public buildings. They accentuate the beauty of the architecture and convey both character and elegance right at the entrance.

Whether semi-circular or round, both forms can be used even in confined spaces to create comfortable passage solutions up to a maximum width of 3600 mm. The efficient, affordable standard solutions are an attractive alternative to revolving doors.

Door profiles in thicknesses of 20 or 30 mm are available for the record system 20. The profiles as well as the drive housings can be anodised or powder-coated.

The drive height ranges from 200 to 220 mm. The drive unit can be installed in the lintel, free-standing or integrated in the ceiling.

Functional and user-friendly

The door systems are equipped with the required accessories specific to each customer and solution.

- BDE control panel
- Safety sensors
- Locking
- Floor tracks

The quiet operation for which record is renowned is reflected in the extremely harmonious motion of the door leaves.

Certifications

The record system 20 meets the requirements of the Machinery Directive 2006/42/EC, DIN 8650, EN 16005 and all relevant national and international standards.

### Dimensions in mm

<table>
<thead>
<tr>
<th>Q = 2 x R</th>
<th>A max.</th>
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<th>G</th>
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<td>20 mm profile</td>
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<td>3 600</td>
<td>2 360</td>
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</tbody>
</table>

- Q: Total outer diameter
- A: Passage width
- G: Passage height
- I: Canopy height

Dimensions are for reference purposes. Specific dimensions are available depending on requirements.

Max. door leaf weight: up to 2 x 200 kg

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**Record**

your global partner for entrance solutions
record CURVED Standard 180 / 360

Floor design record CURVED Standard with side section

20 mm profile

The sectional drawings serve as examples. Doors are available in various versions with and without side sections and with 20 mm or 30 mm profiles.

You’ll find further information and detailed drawings online at our website www.record.group/countries
**record CURVED Convex / Concave**

**Design freedom and optimal use of space**

The CURVED Convex and Concave segmented doors can be curved inwards or outwards and can be integrated in virtually any radius.

**Glazing**

P4 A and P4 B are available.

Floor design equivalent to CURVED Standard 180 / 360

Max. door leaf weight: up to 2 × 200 kg

**Vertical section with side section**

**Convex**

Door leaf curved outwards

**Concave**

Door leaf curved inwards

**Horizontal section with side section**

**Vertical section without side section**

**Horizontal section without side section**
**record CURVED Special**

**Individuality and combinations of choice**

The CURVED Special under-floor drive for sliding doors enables both inward and outward curves. There are no restrictions with regard to the radius used.

In the CURVED under-floor version, the entire weight of the door rests solely on the drive module in the floor. The upper guide rail is designed only to bear horizontal wind load forces. It must have a height of at least 55 mm. Currently, the maximum height of the door systems is 5000 mm.

As an option, the doors can be controlled by motion sensors embedded in the floor. Even with peripheral devices, we ensure the drive unit is invisible across the entire range of models.

**record CURVED Special for**

- Special dimensions
- All-glass versions
- Under-floor version
- Special air curtain
- Special glazing

For your project specific solutions we are happy to advise you personally.

www.record.group/countries
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Headquartered in Switzerland, the record group sells its products and services across the globe and has subsidiaries in many countries.

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