




# dormakaba skyra cylinder

## Battery-free and smartly connected

**Advantages at a glance**

- **A tried-and-tested mechanical basis in a modular design:**  
The skyra cylinders are based on dormakaba's modular cylinder system and offer a wide range of solutions for nearly any access requirement.
- **Smart programming:**  
No particular programming tools are required – the skyra key and app are all that's needed.
- **Can be set up on site:**  
Our skyra cylinders do not need to be preconfigured; they can be easily and instantly activated for the system using the skyra app.
- **Cost-effective and sustainable:**  
The skyra solution offers a huge range of battery-free mechatronic cylinders – powered by the skyra key.

### A fully digital locking system

Developed for critical infrastructure and dispersed sites, skyra is an effective solution for access security and organisation.

Our skyra door components are equipped with a battery-free mechatronic insert that augments the tried-and-tested mechanics and offers all the advantages of an electronic locking system.

The skyra key powers the locking cylinders and connects them to the central system. skyra cylinders are hard-wearing, meaning they're also suitable for outdoor use.

### Simple operation and secure access control in action

Opening doors using the skyra key is very intuitive: simply insert the key, which simultaneously verifies access rights and releases the lock. Then, all you have to do is turn the key to open the door.

### The key to full connection and encryption

Every time a skyra key is inserted, this is recorded in the cylinder's event log. In the background, door events are transferred from the cylinder to the key and then forwarded to the central system via Bluetooth® on a smartphone.

Access right data is protected and completely encrypted from the system through to the door.

### Varied choice, customised solutions: the wide skyra range

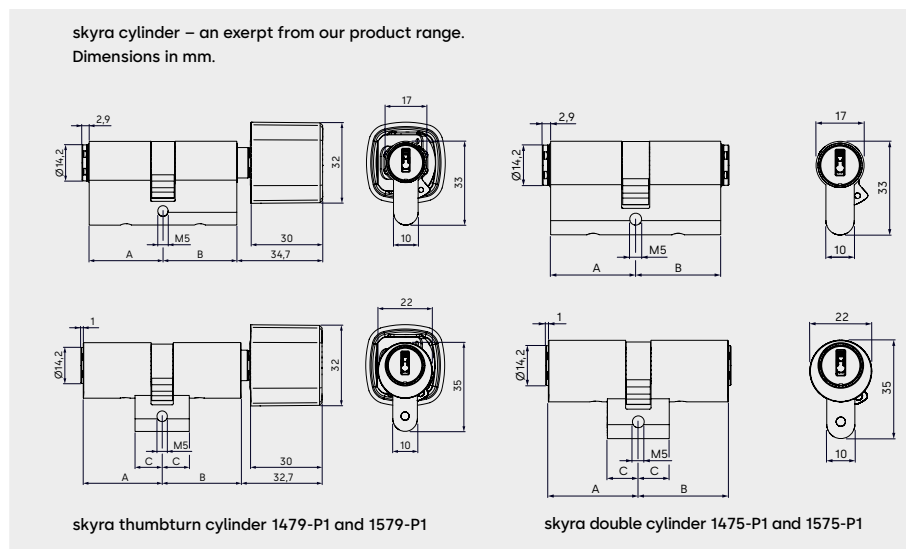
Switching from mechanical to electronic locking systems is easy, as the skyra cylinders fit into standard door cylinder cutouts.

What's more, the skyra range is based on the set of modular cylinder range by dormakaba and therefore offers a comprehensive selection of mechatronic locking components for practically every door and lock situation.



## Features and use

- **Complete product range:** from door cylinders in all known profiles, camlocks, furniture locks and switch cylinders through to cylinders for T-handles and IT racks.
- **Certified security:** tested by security experts in accordance with EN 15684 and VdS BZ+.
- **Electronic security:** every cylinder is secured with an individual security key. The data exchanged with the cylinder is also encrypted.
- **A high degree of flexibility:** skyra door components are neither pre-programmed nor tied to a particular system and can simply be obtained from the warehouse. The right skyra cylinder is installed on site. Commissioning is easy with the skyra key and app, which registers the cylinder in the system.
- **Assigning authorisation is easy:** changes in authorisation are transferred to the skyra key and there's no need for any changes to be made to the cylinder on site.
- **Internal event log:** records events with time stamp and transfers data to the skyra key.
- **Suitable for outdoor use:** optional dust and weather protection prevents dirt, insects and moisture from getting into the key channel.



## Our Sustainability Commitment

dormakaba is committed to foster a sustainable development along our entire value chain. In order to give quantified disclosures of a product's environmental impact and its ecological footprint, dormakaba provides Environmental Product Declarations (EPDs). Download the EPD and read more about our sustainability commitment [here](#) or use the QR code provided.



## Technical data

### Cylinder designs & versions

- Euro profile, Swiss round profile, oval profiles  
Cylinder lengths in 5 mm-steps.  
Euro profile: from 30/30 to 220/220 mm;  
Swiss round p.: from 32.5/32.5 to 152.5/152.5 mm
- Camlocks
- Rim cylinders
- Furniture cylinders and locks
- Key switch cylinders
- Cylinders for T-handles

### Door cylinder variants:

- Half, double, thumbturn
- Short version (asymmetrical)
- One-sided blind or with mechanical anti-rotation safeguard
- Knobs: design, round, design small

### Surfaces:

- Nickel-plated, brass, chrome, burnished, black

### Couplings:

- Standard: lockable on both sides
- Optional: priority (X) or freewheel (FZG)

### Security

- AES-128 encryption
- Individual security encryption keys per cylinder

### Event log:

- Up to 500 events

### Service life:

- Min. 200,000 locking cycles

### Environment:

- Temperature range: -25 °C to +70 °C
- Protection class IP55; Protection class IP67 with additional weather protection

### Certificates

- EN 15684: 1 6 B 4 0 D 3 D
- VdS BZ+ (in preparation)
- Fire resistance: EN 1634-1: ≥ 90 min.

### Environmental product declaration: EPD

- Declaration no.: EPD-DOR-20250122-CBA1-EN
- Under ISO 14025 and EN 15804+A2
- Publisher: Institut Bauen und Umwelt e.V.

### Conformity

CE, UKCA, RoHS, REACH

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**Any questions? We will be happy to assist you.**

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