



KABA®

Kaba eolegic cylinder Euro profile

This mechatronic cylinder is a member of the Kaba eolegic product family. It opens doors when both mechanical and electronic access rights have been verified. Solid mechanics and intelligent electronics are combined to create a safe and flexible access control system.

Kaba elolectic Cylinder: Twice as Smart

A Flexible Product Family

In modern infrastructures there is a need for flexibility which only electronic access systems can provide. The Kaba elolectic product family is based on the copyprotected RFID Legic® technology. All components such as cylinders, locks, readers, keys, badges and door furniture have been combined into a well-tuned «stand-alone» access system.

The Concept

The Kaba elolectic cylinder in Euro profile unites the advantages of solid mechanics with intelligent electronics. Key verification takes place in two steps. The door can only be opened if both the key precision milling and the electronics have valid access rights. This patented system is suitable for many different organizational situations, thanks to the modular design concept. Mechanical locking systems can be expanded in the respective system. The chip built into the key enables further applications such as time attendance, cash-free payment at canteens or vending machines, data collection or the opening of parking barriers. Excellent security combined with high flexibility can be achieved, two of the most important factors in locking technology.

Application

The wide field of application possibilities is unique. Tailor-made solutions for access to different rooms or areas - according to customer requirements - can be realized. The respective Kaba elolectic line (N-, T- or U-line) with its versatile functions can be selected.

Application Segments

- Industry, office buildings
- Retirement and nursing homes
- National and municipal buildings
- Banks and insurance companies
- Apartment complexes
- Schools and universities
- Transportation, logistics, maintenance
- Security services, guarding
- Fire brigade, police
- Telecommunications

Benefits

- Security and maximum flexibility
- Flexible time programming for permanent and/or temporary access rights
- Efficient modification of access rights in case keys are lost
- Transaction memory (Traceback) of the last 1000 door movements (T-line)
- Easy installation and handling
- Can be retrofitted into existing mechanical systems
- Low operation and maintenance costs

System versions

The Kaba elolectic cylinder is available in various locking systems, profiles, finishes and cylinder designs.

Locking systems:

- Kaba gemini S
- Kaba quattro
- Kaba quattro S and quattro pluS
- Kaba penta
- Kaba experT

Profiles:

- 17 mm Euro
- Scandinavian oval and round cylinder
- Australian oval cylinder

Cylinder Versions

- Compact cylinder (frontpage)
- Double cylinder (1st picture below)
- Half cylinder (2nd picture below)
- Thumbturn cylinder (3rd picture below)



Programming

Access rights can be easily programmed and managed with:

- Master keys
- Portable programming device or
- Kaba elo manager software.

Technical Data

- Battery: commercial, alkaline or lithium
- Designation: CE
- Number of Master keys: up to 200
- Number of user keys: up to 2400 per cylinder
- Protection: IP40
- Temperature range: -25 up to +70 °C, depending on battery type
- Humidity: 0 to 95% rH, non-condensing
- Protection class: VdS B

Dimensions

Various cylinder lengths are available in 5mm-steps on each side:

- Outside (A) from 42 mm
- Inside (B) from 30 mm

