TECTIQ knob cylinder Scandinavian Oval Rokoko (inside)

SIMPLE. ACCESS. ORGANISATION.
With the digital TECTIQ locking system.

The electronic TECTIQ locking cylinder with RFID reader grants people access on the locking medium (transponder, card) according to their permission level. Data exchange is encrypted and protected against readout (MIFARE® DESFire®). The battery-operated door component requires no external cabling or radio connection.

Validation/update
ABUS TECTIQ stores permissions and events on the RFID locking medium (Data-on-Card) and exchanges data wirelessly with the cylinder or the system. The optical illuminated ring signals to users whether they are authorised to access the system.

Elegant design, top quality
With its clear design and knob caps (RFID reader unit) in black or grey, the robust, high-quality cylinder with IP67 and stainless steel look is suitable for any door and surface.

Wide range of variants
Available in different versions: reader on the outside or on both sides (e.g. for connecting doors in conjunction with the electronic Rokoko variant) and also as a padlock.

Further options & configurations
Mechanical tamper protection: standard or optional security drill protection with extra-reinforced anti-drill protection (SKG***).

Technologies

- Electronic TECTIQ knob cylinder Rokoko (Scandinavian oval) for secure yet simple and flexible installation on the inside of connecting doors (double-sided authentication in combination with OS variant)
- High-quality cylinder with stainless steel knob and continuous stainless steel look, in a discreet, purist design line; highly weather-resistant in the standard version (IP67)
- TECTIQ cylinder with RFID reader for secure, readout-protected data exchange with TECTIQ locking media (MIFARE®

DESFire®); with free-running knob: no access without authentication
- The cylinder can be programmed via Bluetooth with the TECTIQ Admin app and, for example, receive a new time or the latest firmware update
- Elegant design in different Design variants to match the style of your building thanks to different colours and knobs
- Replace the cylinder instead of the fitting: convert a mechanical to an electronic cylinder at a favourable price and integrate the door into the TECTIQ locking system
- Tested, certified quality: EN 15684 and fire protection T30

Technical data - TECTIQ knob cylinder Scandinavian Oval Rokoko (inside)

Administration	TECTIQ Access Manager
Area of application	Interior and exterior doors, tubular frame doors etc.
Backset	≥ 30 mm (round knob)/≥ 35 mm (square knob)
Backup power supply	Yes, Micro USB
Battery - runtime	At 20 °C (room temperature): up to 60,000 cycles or 3.5 years if not actuated
Battery - type	VARTA Lithium battery 3V CR2/CR15H270/6206
Battery compartment	In knob
Battery warning stages	2 levels
Bluetooth version	5.1
Certifications	EN 15684:2020 1-6-B-4-x-D-3-A/D, optional SKG*** (with Security drilling protection)
Colour	knob: brushed stainless steel black / Cylinder body: brushed stainless steel
Corrosion protection	According to EN 1670 class 3/EN 15684 class 4
Cylinder profiles	Scandinavian Oval
Design	Knob cylinder
Dimensions	knob: L = 48 mm, Ø = 38 mm
Drill protection	Standard
Factory reset	Yes
Fatigue strength	> 200.000 cycles (EN 15684:2020 class 6)
Humidity	20-99 % non-condensing according to EN 15684 class 4 %
IP protection class	67
Item abbreviation	TEC-Z-SKO-IS
Material	Cap: stainless steel, plastic / Cylinder body: brass
Max. blacklist number	120
Max. operating temperature	65 °C
Min. operating temperature	-25 °C
Opening time can be set	Yes (6/12 Sec)
Outside knob variants	Square / Round
Programming	TECTIQ System Cards, TECTIQ Admin App
Programming technology	RFID (13.56 MHz) / Bluetooth (2.4 GHz)

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RFID frequency	13,56 MHz
RFID range	≤ 1 cm
RFID technology	MIFARE® DESFire® EV1, EV2, EV3
Real-time clock (RTC)	Yes
Security features	Freely rotating knob to prevent unauthorized access, engagement only when an authorised locking medium is presented, predetermined breaking point on knob, drilling protection
Signalling	Visual
Special functions	Office Mode
Storage type	Ring memory: 890 events
Transmission power	-4 dBm
Transponder conformity	Passive-Transponder ISO 14443 A (MIFARE® DESFire®)
Transponder encryption	AES 128-Bit
Update capability	Yes (USB Updater Cable / Admin App)
Wireless conformity	ETSI EN 300 328
Wireless encryption	AES 128-Bit
Wireless standard	Bluetooth Low Energy 2,4 GHz