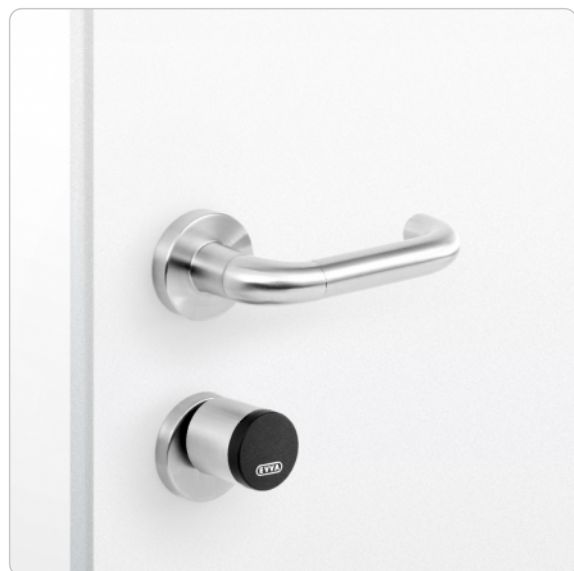**EVVA**
access to security

Xesar cylinder | Thumbturn cylinder Swiss round profile SYMO RKZ-S

Product description

The AirKey thumbturn cylinder is the ideal solution for doors with maximum security requirements on the inside and outside, featuring external access control. The mechanical thumbturn guarantees a way out from the inside at any time. For instance, the cylinders are suitable for solid panel doors and metal frame doors. The cylinders are also suitable for existing doors in listed monuments as there is no need for drilling.

Technical information

Cylinder length on the outside A in mm	31 | 36 | 41 | 46 | + 5 mm ...Standard: A + I ≤ 92 mm, special lenghts: A + I ≥ 97 mm
Cylinder length on the inside I in mm	K27 | K31 | K36 | K41 | K46 | + 5 mm ... Standard: A + I ≤ 92 mm, special lenghts: A + I ≥ 97 mm
Finish	NI – nickel | NP – polished nickel | MP – polished brass | PB - brown patina | PS - black patina
Thumbturn shape	X1K – Inside thumbturn, mechanical (standard) | BLIND – blind module
Elongated outside thumbturn axis	AV05 – 5 mm | AV10 – 10 mm | AV15 – 15 mm
Cam	SRP – Swiss round profile | BIF – Biffar Z10 – Cogwheel cam 10 | Z18 – Cogwheel cam 18
Security features	The outside handle has been disengaged to turn freely | Rated brake point on the outside thumbturn | Engages only if authorised | Event log | Drilling protection | Plug pulling protection | AES encryption
Standards and guidelines	CE tested | EN 1634-2: 30 minutes | EN 1634-1: 90 minutes | IP65 rating | EN 15684: 1.6.B.3.A.F.3.2 | SKG***
Technical installation situation	Inside and outside doors with maximum security requirements and subject to severe weather conditions | Suitable for installation in fire doors.
Compatible identification technologies	MIFARE DESFire EV1 + EV2
Battery	2 CR2 lithium batteries | Up to 70,000 cycles
Signals	Visual + acoustic
Conditions of use	Ambient temperature range: −20 °C to +55 °C (depending on the battery) | Humidity < 90 %, non-condensing | 35 mm minimum backset | IP65 protection
Event protocol	Last 1,000 events
Interfaces	Connection to Xesar tablet | BLE
Included components	Xesar cylinder | Cylinder fastening screw | 2 CR2 lithium batteries | Assembly manual | Important information
Product code	E.X.PZ.RKZ-S.[Outside cylinder length A/inside cylinder length I].[Finish].[Option]
Example	E.X.PZ.RKZ-S.31/K31.NI.X1K

Dimensional drawing