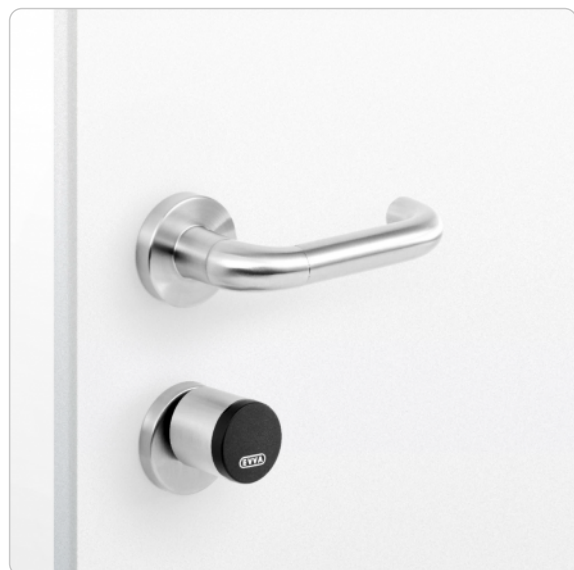**EVVA**
access to security

Xesar cylinder | Half cylinder European profile SYMO HZ-S

Product description

Xesar half cylinders are the ideal solution for doors or key switches requiring authorisation only on one side, no cylinder on the inside and maximum security requirements on the inside and outside. Additionally, Xesar half cylinders are perfectly suitable for existing doors, listed monuments as well as metal frame doors.

Technical information

Cylinder length on the outside A in mm	31 | 36 | 41 | 46 | + 5 mm ... Standard: A + I ≤ 92 mm, special lenghts: A ≥ 97 mm
Finish	NI – nickel | NP – polished nickel | MP – polished brass | PB - brown patina | PS - black patina
Technical installation situation	FZG– free-wheel function (from 31 to 81) | FAP – anti-panic function (from 61 to 81; from 31 to 57 with install elongation module (I = 31 mm) on request | FLU – irrespective of installation position | FSR – cam latching function (31, 36, 41; from 46 to 111 on request)
Elongated outside thumbturn axis	AV05 – 5 mm | AV10 – 10 mm | AV15 – 15 mm
Cam	SEP – European profile | BIF – Biffar Z10 – Cogwheel cam 10 | Z18 – Cogwheel cam 18 | RIT – RITTAL cam function (31, 36)
Additional certificate	SKG – SKG***
Security features	The outside handle has been disengaged to turn freely | Rotary damper[1] | 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 | Suitable for locks as per EN 179/1125 (when using the anti-panic function (FAP)) | 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 | for 100,000 cycles as per EN 15684 | 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.HZ-S.[Outside cylinder length A/inside cylinder length I].[Finish].[Option]
Example	E.X.PZ.HZ-S.31/K31.NI

Dimensional drawing