



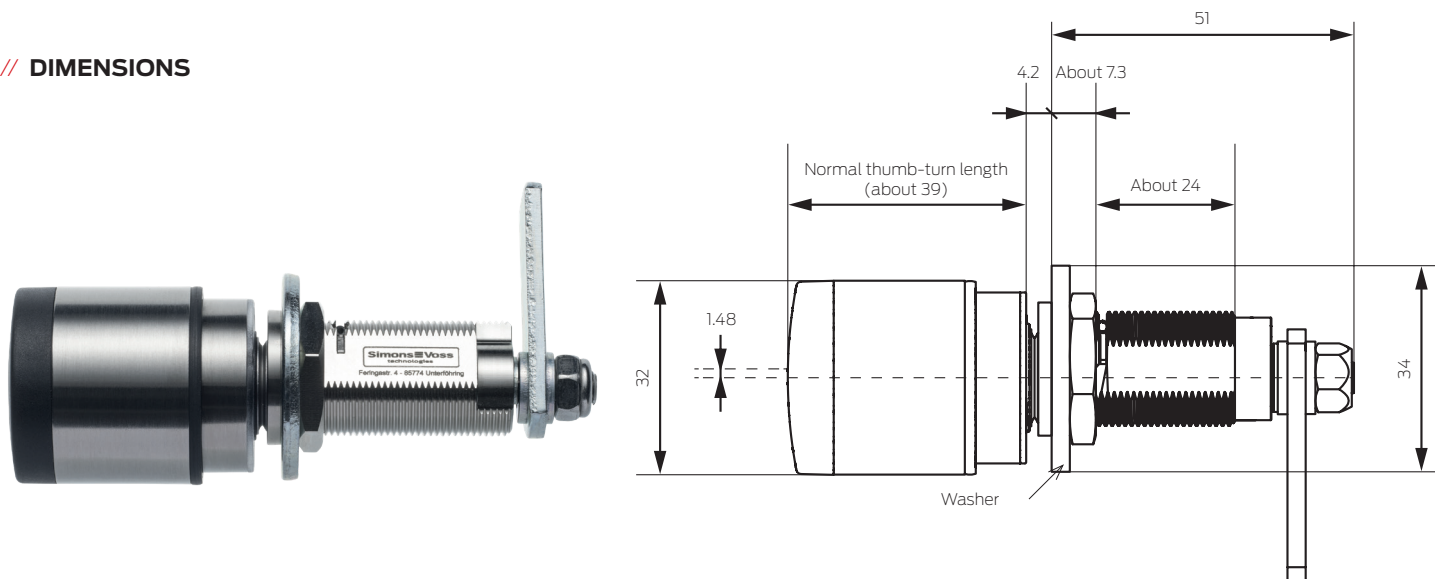
// FEATURES

- ❖ Easy fitting and installation, replaces levers for all enclosure doors.
- ❖ The lever locking mechanism protects against unauthorised opening of enclosure doors.
- ❖ Drilling protection protects the actuator electronics against external attacks.
- ❖ All reader variants, whether active or passive, can be integrated at any time and are supported by Bluetooth Low Energy (BLE) technology.
- ❖ Optimum data security: The SecureElement stores the encrypted system data and forms part of the new AX security architecture. This special chip is an integral part of authentication and safely protects against external attacks.
- ❖ Future-proof investment forms part of the SimonsVoss promise. The Cylinder AX can be integrated into an existing system (backwards compatible with existing components).
- ❖ Very long battery life: up to 10 years on stand-by.
- ❖ Even greater user convenience thanks to ergonomic thumb-turns and visual and audible feedback signals.
- ❖ German-made! A given with us.

// TECHNICAL DATA

Profile diameter	19 mm (double D punch)	Temperature range	Operating: -25 °C to +65 °C (as per EN 15684)
Profile length	51 mm minus door thickness (max. 24 mm)	Protection rating	IP54 (standard) / IP67 (.WP option)
Lever length	33.5 mm flat (replaceable)	Feedback signals	Audible (buzzer) and/or visual (LED – green/red)
Thumb-turns	Reader thumb-turn: Plastic cover black grey (RAL 7021)	Offline storable acces- ses (.ZK option)	up to 3,000
	Rotary thumb-turn: stainless steel	Time zone groups	100+1
	Diameter: 32 mm	Number of media per cylinder	Up to 64,000
Reader systems	❖ Active transponder technology 25 KHz ❖ Passive technology (MIFARE® DESFire®) ❖ Hybrid technology (active and passive) ❖ Bluetooth Low Energy (BLE)	Number of cylinders that can be managed per transponder	304,000
Operation types	Offline, virtual network and online (can be combined)	Wireless network 868 MHz	Network-ready with integrated LockNode (can be retrofit)
Battery type	2 x CR 2450, 3 V lithium	Can be upgraded	Firmware upgradable via BLE
Battery life	Up to 10 years on standby or 100,000 activations (standard)		

// DIMENSIONS



// PRODUCT VERSIONS



DIGITAL CYLINDERS AX

Digital Lever Cylinder AX

For enclosure doors with 19 mm opening; can be operated with SimonsVoss transponder

SV-Z5.LE.19.A.G2

OPTIONS

Version with access control, time zone control and event logging

.ZK

Version with integrated network board for networking

.LN

Weatherproof version – protection class IP67;
for use in exterior doors and doors exposed to heavy splashes and jets of water

.WP



OPTIONAL READER SYSTEMS:

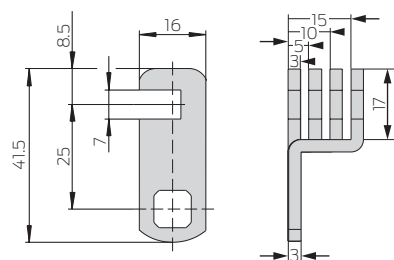
:: Passive technology (MIFARE® DESFire®)

.M.G2

:: Hybrid technology (active and passive)

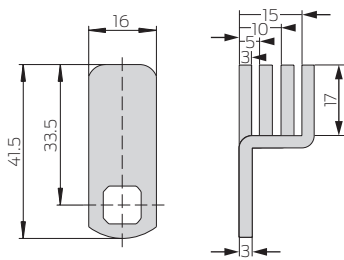
.AM.G2

// ACCESSORIES



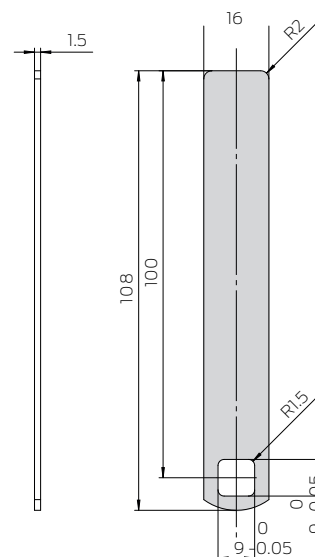
Spare lever, galvanised with recess

Type 11	Curve	Content
Z5.LE.11.01	Without/flat	12 units
Z5.LE.11.02	5 mm	
Z5.LE.11.03	10 mm	
Z5.LE.11.04	15 mm	



Spare lever, galvanised, standard

Type 12	Curve	Content
Z5.LE.12.01	Without/flat	12 units
Z5.LE.12.02	5 mm	
Z5.LE.12.03	10 mm	
Z5.LE.12.04	15 mm	



Standard stainless steel lever to be adapted on site

Type	Lenght	Content
Z5.LE.100.01	100 mm	12 units

See price list for further variants, options and accessories.

Measurements indicated in mm