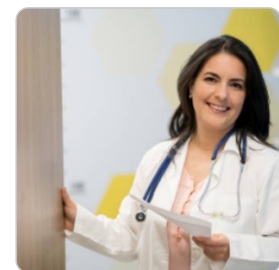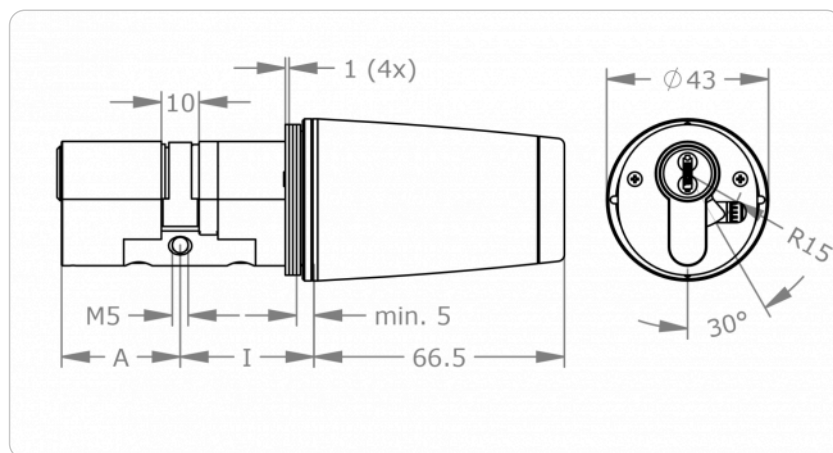# EMZY | Motorized cylinder European profile SY-MO

Product description

The EMZY motorised cylinder locks doors automatically. The I/O box enables control via third-party systems. The cylinder is controlled either via a wall reader, a code keypad or directly with the integrated push-button or locked/unlocked on the opposite side with an authorised key. Examples of applications are entrance doors, doors to sensitive areas or doors that must be open or closed at certain time intervals.
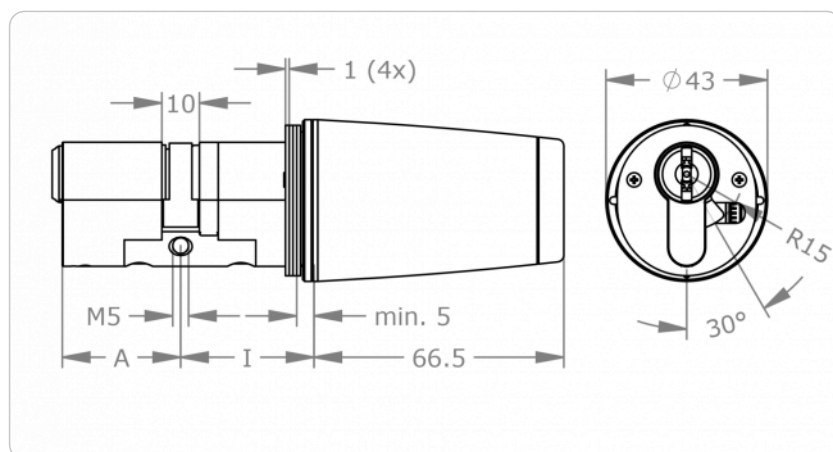
Technical information

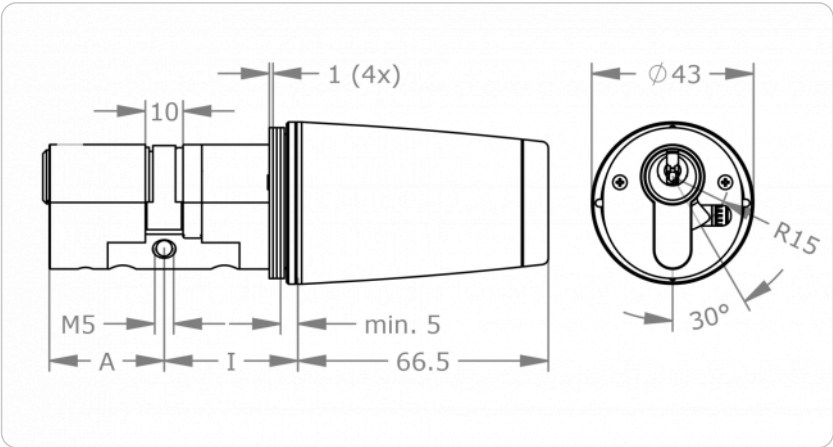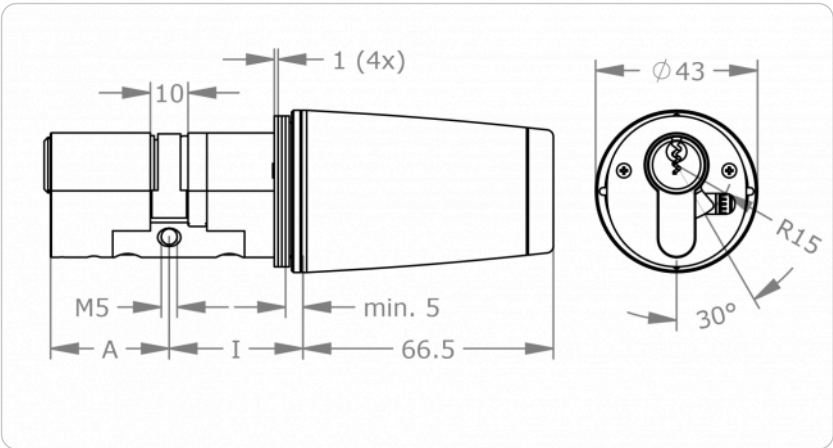|	
System	EMZY/Xesar | EMZY/AirKey | EMZY/A44 | EMZY/MCSR | EMZY/4KS | EMZY/ICS | EMZY/EPS5 | EMZY/EPS6
Cylinder length on the outside A in mm	31 | 36 | 41 | + 5mm
Cylinder length on the inside I in mm	31 | 36 | 41 | + 5mm (Akura: 30 | 35 | 40 | + 5mm)
Finish	NI – Nickel | NP – Polished Nickel | MP – Polished brass | PB – Patinated brown | PS – Patinated black | CR – Chrome
Thumbturn shape	EBT – EMZY Bluetooth
Thumbturn finish	K-NI – Nickel | K-NP – Polished nickel | K-MP – Polished brass | K-PB – Patinated brown | K-PS – Patinated black | K-CR – Chrome
Cam	SEP – Euro profile | SRP – Round profile | BIF – Double cam Biffar® | Z18 – Cogwheel cam Z18
Button colour	SW – Black | WS – White
Additional certificate	SKG – SKG *** certified (ICS, 4KS, MCS), SKG** (EPS5, EPS6)
Accessories	I/O-Box | Cable transition open | Deadbolt contact, robust version | magnetic reed contact | EMZY connecting cable 4 m | Terminal box | Desktop power supply unit | Power supply with top-hat rail for EMZY | Timer | Disassembly tool pin | Bayonet disassembly tool
compatible locks	Single-turn and multi-point locks | Mortise locks in accordance with DIN, ÖNORM
Security features	Encrypted data transmission | AES encryption
Standards and guidelines	CE certified | IP54 protection rating | EN1634-2
Technical installation situation	Hardware-independent with minimum width of 40 mm | Solid leaf or tubular frame doors | Interior thumbturn | Backset ≥ 35 mm with standard-compliant door installation according to ÖNORM B3850, DIN 1810
Power supply	Power supply unit 24 VDC, 60W
Conditions of use	Ambient temperature –20 °C to +70 °C | Humidity < 90%, non–condensing | IP 54 protection rating
Interfaces	Bluetooth 5.0 (BLE) | RS485 | Door contact | Bolt contact | Door button | Operating mode switch
Signals	RGB LEDs for visual indication of locking/unlocking process, locking status, error status
Included components	EMZY motorised thumbturn cylinder | Profile base disc | 4 spacer discs | Important information
Product code	E.[System].PZ.MKZ-S.[Outside cylinder length A in mm/Inside cylinder length I in mm]. [Surface].[Thumbturn shape].[Thumbturn finish].[Option]
Example	E.EMZY/4KS.PZ.MKZ-S.31/K36.NI.EBT.K-NI.Z10

Dimensional drawing

4KS

MCSR

ICS

EPS5, EPS6