

Performance criteria

Closing force (with closing force display, continuously adjustable)	size according to EN standards	2 – 4
Door width	≤ 1100 mm	■
Dimensions	Length in mm	215
	Depth in mm	32
	Height in mm	57
DIN L / R		■
Latching speed (continuously adjustable)		■
Closing speed (continuously adjustable)		■
max. door opening angle (*depending on the door rebate geometry, Floor-mounted door stop must be used.)		120°*
Tested to EN standards		EN 1154
Suitable for fire and smoke control doors (not approved for frame installation on opposite hinge side, concealed ITS)		F
Certified according to EU regulations		CE
Construction of accessible buildings		DIN 18040 DIN SPEC 1104

- Yes
- No
- Optional



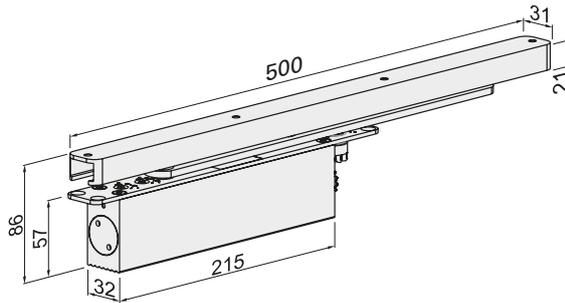
Wooden door



Steel door



Profile door



Dimensions: Example ECO ITS 420 with slide rail ECO IS 21

ECO ITS 420

The ECO ITS 420 is specially designed for light interior doors weighing up to 80 kg and with a max. opening angle of 120°. Thanks to its gearing design, it can be used as a swing closer for both DIN L and DIN R. The closing force is adjusted from above and is therefore also possible once installed.

The ECO ITS 420 has a steeply sloping opening torque and thus fulfils the requirements for the construction of accessible buildings (**DIN 18040** and **DIN SPEC 1104**).

Order information

ECO ITS 420 ■ concealed door closer

Product information

- ECO ITS 420 for installation in wooden, profile frame doors made of aluminium, steel and sheet steel doors with a door thickness of ≥ 42 mm. The very slim design (depth 32 mm) allows simple, concealed installation in the door leaf, without duplication or reinforcement
- Excellent access convenience thanks to an opening torque that drops steeply
- Closing force can be easily adjusted once installed
- Easy handling when adjusting closing speed and latching speed, even when installed
- Standard delivery with pre-adjustment to closing force size **EN 3**
- Slide rails ECO IS

Delivery:

Closer body, forend steel sheet, lever arm, hinge screw and spacer

Article numbers

ECO ITS 420



ECO ITS 420 (incl. lever arm)	Rebate dimensions (nut length)	Art. no.
ECO ITS 420	8 – 12 mm	5030028265
ECO ITS 420	12 – 16 mm	5030050579

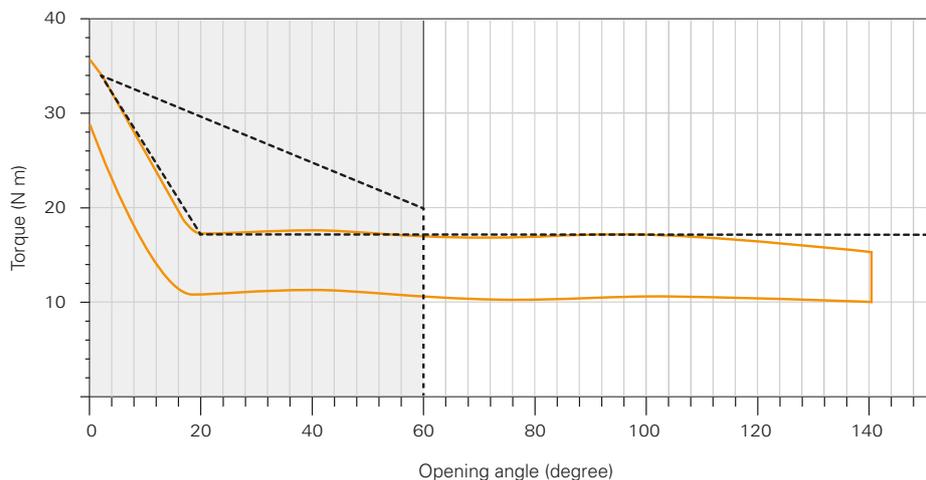
Torque curve for ECO ITS 420

The ECO ITS 420 complies with all European standards for the construction of accessible buildings with requirements for doors to move smoothly, with an opening torque which quickly drops and with high efficiency:

Germany:

DIN Spec 1104, German version CEN/TR 15894

DIN 18040 – construction of accessible buildings (up to EN 4)



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Our compendium represents a compilation of all products from our range of services. These are subject to different delivery classes. Special variants included are often manufactured to customer specifications and sometimes require longer delivery times and minimum purchase quantities. Further advise can be given by your contact person.

■ SYSTEM TECHNOLOGY FOR THE DOOR

