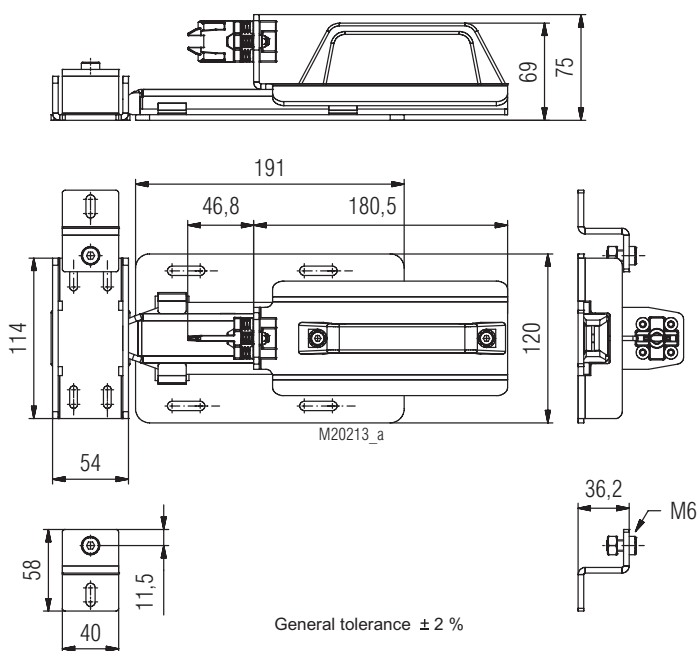
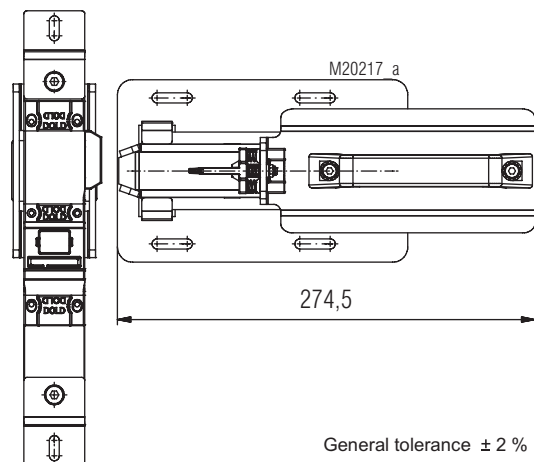


Presentation:
Bolt actuator closed

Dimensional Drawings [mm]



Actual status:
Bolt max. open



STS-System Benefits

- EU-Test certificate according to the directive 2006/42/EG, annex IX
- For safety applications up to PLe/Category 4 according to EN/ISO 13849-1
- Modular and expandable system
- Rugged stainless steel design
- Wireless mechanical safeguarding
- Combines the benefits of safety switch, locking module and key transfer in a single system
- Easy installation through comprehensive accessories
- Protection against lock-in
- Coding level low, medium, high according to DIN EN ISO 14119:2014-03

Features

- Bolt actuator and actuator
- Flexible actuator
- Can be coded
- Allows high bending forces
- One actuator for left and right doors
- To secure hinged doors
- Additional locking of the door by the bolt

Approvals and Markings



Applications

The actuator CW series is used in connection with the SAFEMASTER STS units which are equipped with integrated actuator modules A, B, D, E or K. Generally, the actuators are fitted to the movable part of a separating guard and are used to switch the associated STS unit. The strong bolt moves underneath the STS module.

Design and Function

The actuator CW consists of a flexible actuator C and additional door handle. It serves as a door bolt on hinged doors. It is used as door lock on hinged doors, also the CW actuator is designed for applications with strong sheering forces. Refer to data sheet Actuator C for the adjustment of incline and radius of the actuator CW.

The strong bolt moves underneath the mounted STS unit therefore the bolt is suitable for left and right hinged doors. The CW actuator is designed in a way, that sheering forces are not impacting the STS unit. It is especially constructed for applications where big forces could be applied to the STS units like e.g. double hinged doors.

Technical Data

Material

Actuator:	Edelstahl V4A / AISI 316
Spring:	V2A / AISI 304
Handle:	Thermoplast, glaskugelverstärkt; black, (on request also available in stainless steel)
Fixing elements:	V2A / AISI 316
Fittings/Brackets:	V2A / AISI 316
Weight:	approx. 2.1 kg (actuator) approx. 0.5 kg (fittings)

Ordering Designation

STS CW bolt actuator
Article number: 0067588

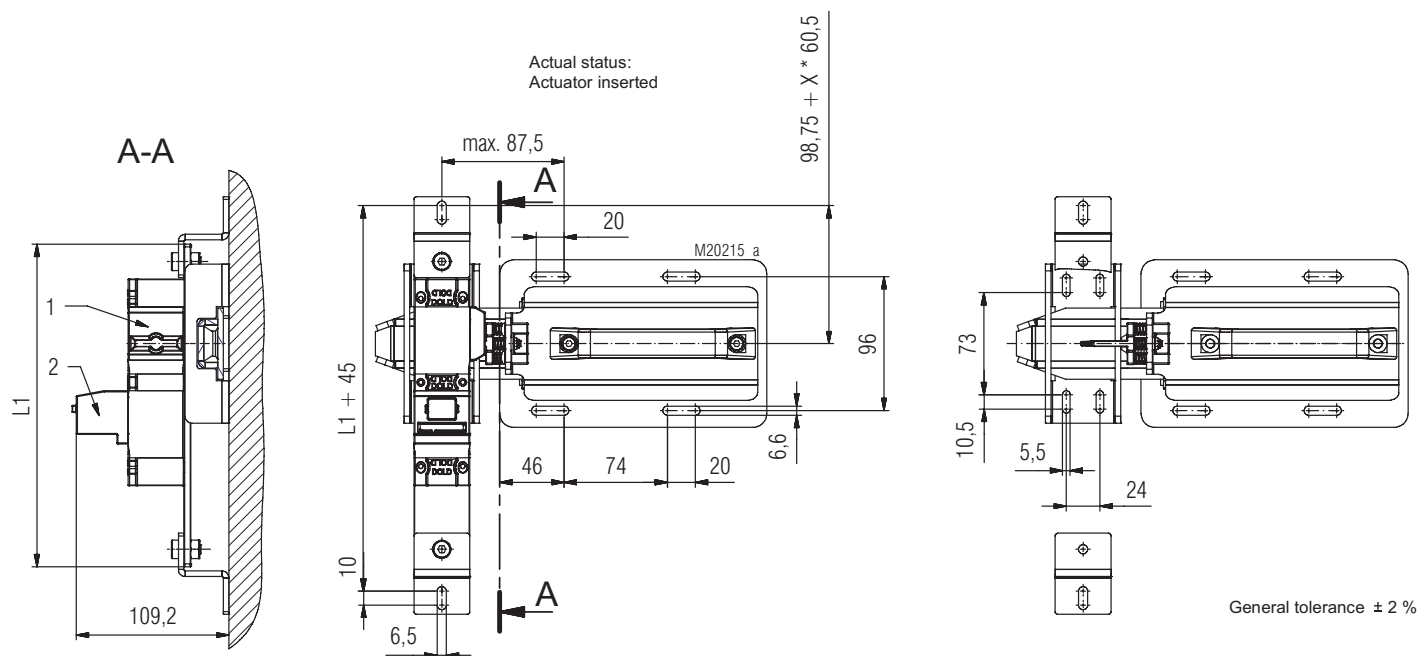
Recommendet mounting method

- Welding
- Screw mounting (with prevention against loosening)

Scope of delivery

- Bolt actuator with mounted C-actuator
- 2 x Z-brackets to install the mounting plate and
2 x Cylinder head screws DIN EN ISO 14580; M8x16
- Fitting

Mounting dimensions



L1: Length of mounting plate

X : number of mechanical units above the actuator module 1 (the example shows x=0)