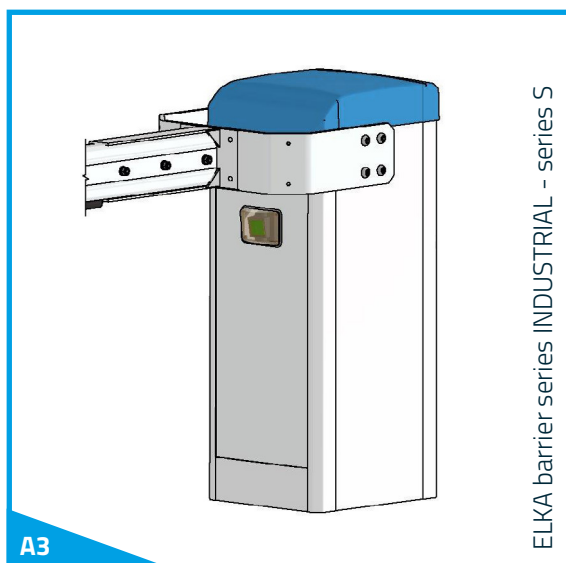
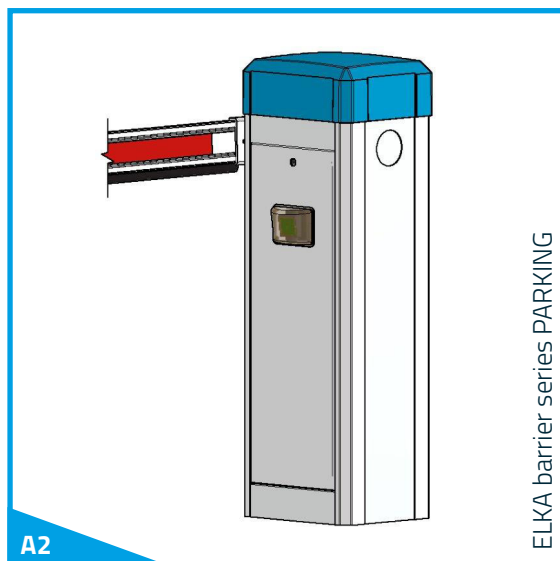
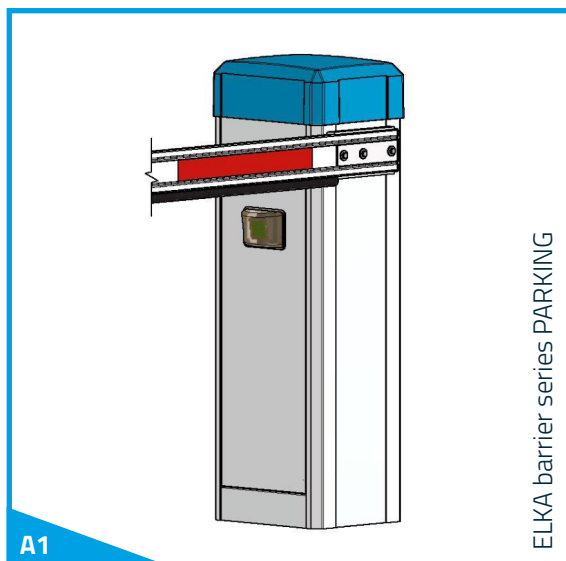


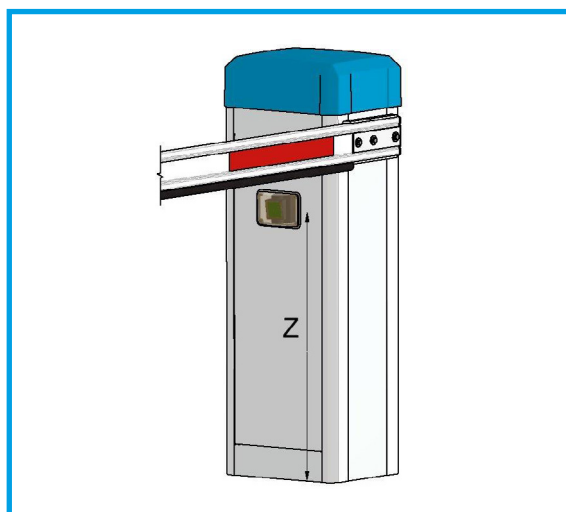
Quick guide for the ELKA radar Comfort Phantom

with 1 safety field (G) / with 1 safety field and 1 opening field (H)

A) Determining the barrier type and the mounting side of the barrier boom



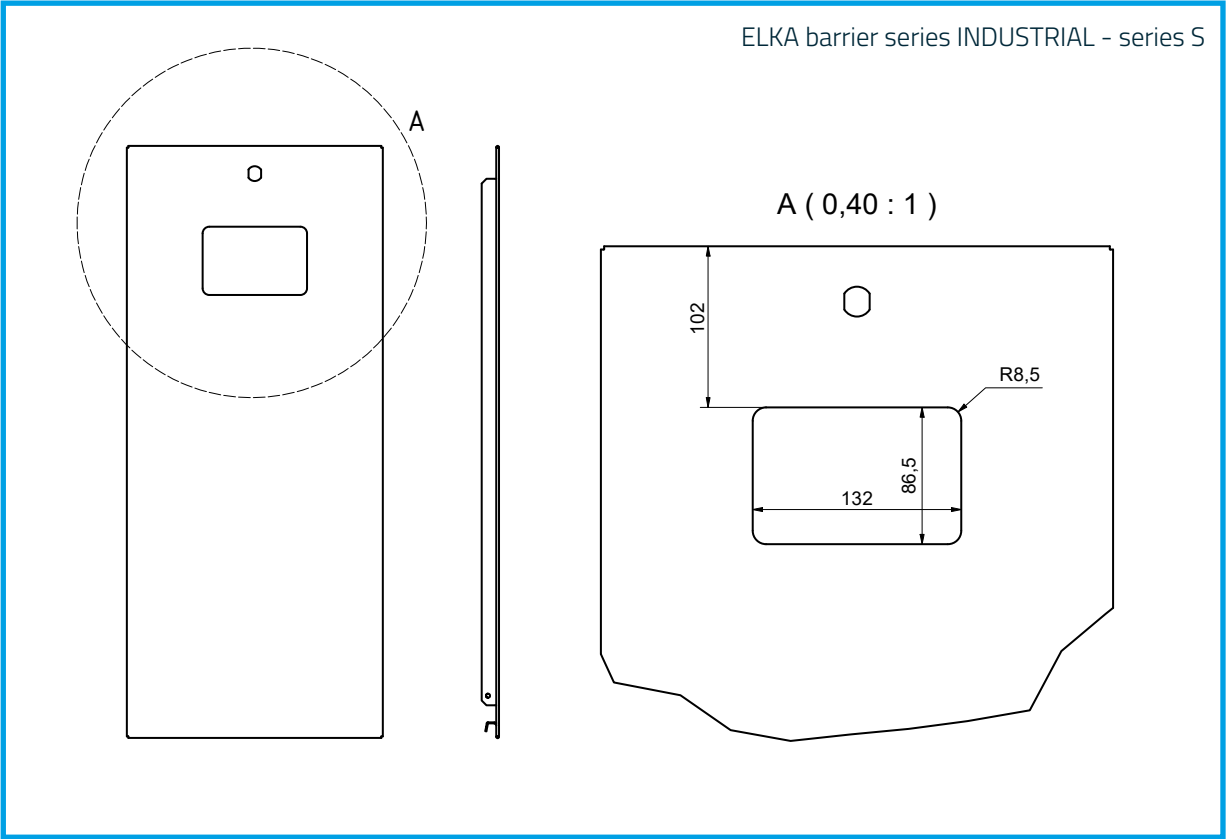
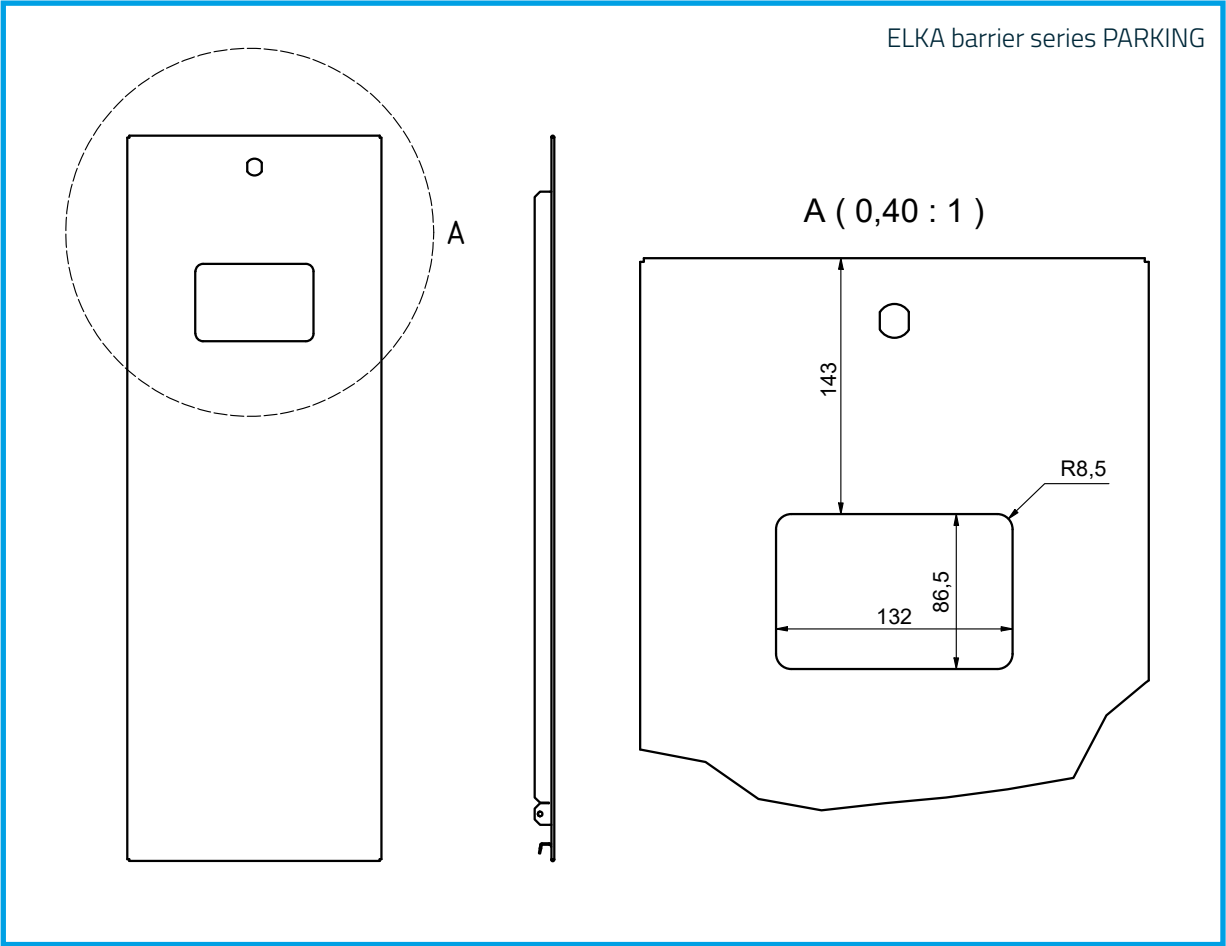
B) Fixed mounting height Z from the roadway



For series PARKING:
 $Z = 70\text{cm}$

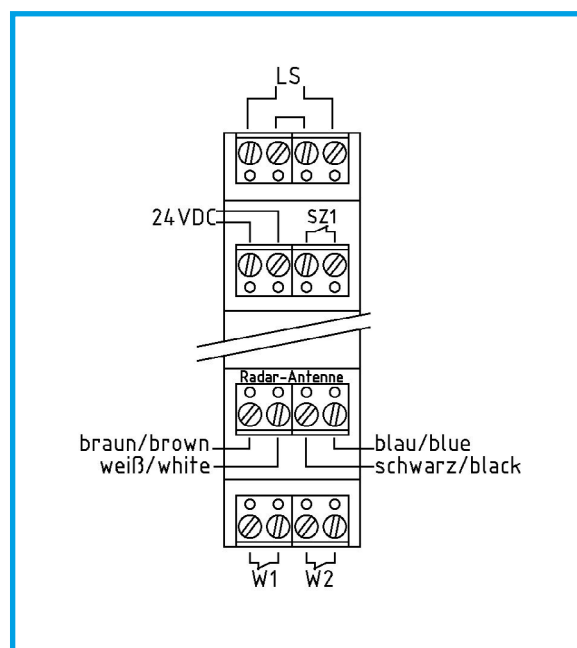
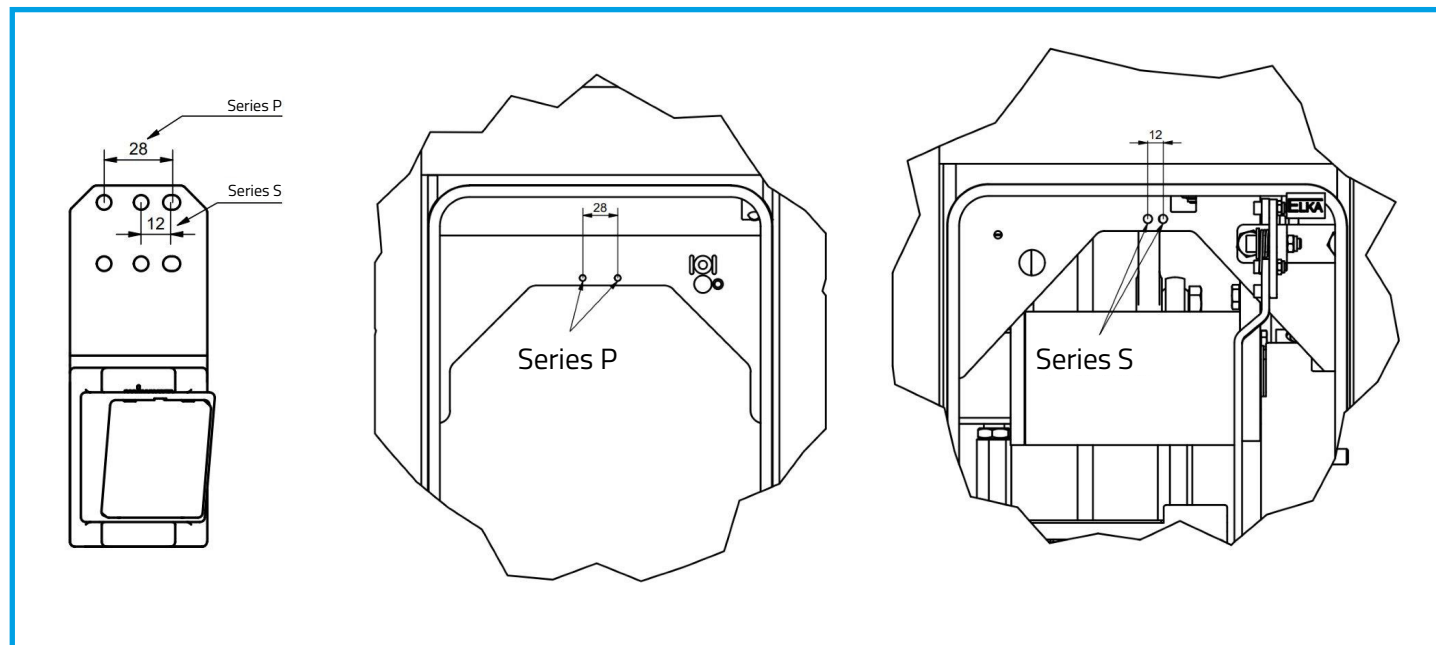
For series INDUSTRIAL - series S:
 $Z = 72\text{cm}$

C) Cut-outs in the barrier door



D) Installation of the radar and the evaluation unit

Note: Ensure that the sensor (antenna) is correctly wired to the evaluation unit (brown wire to terminal C+, blue wire to terminal C-) to prevent a short circuit in the antenna. Incorrect wiring of the sensor (antenna) and evaluation unit will damage the sensor (antenna).



Connection with the software

Please connect to the WI-Fi of the radar sensor first:

WI-Fi name: ELKA-RadarXXX

(XXX = last 3 digits of the serial number on the evaluation unit)

WI-Fi user: User

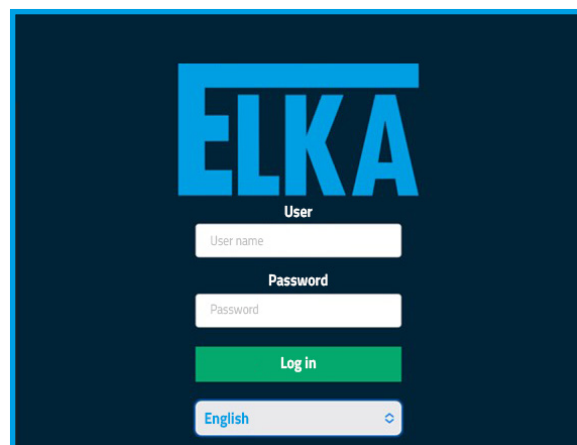
WI-Fi password: User9791

After a successful connection, the login window will appear after entering the URL **http://elka.net** in the Internet browser.

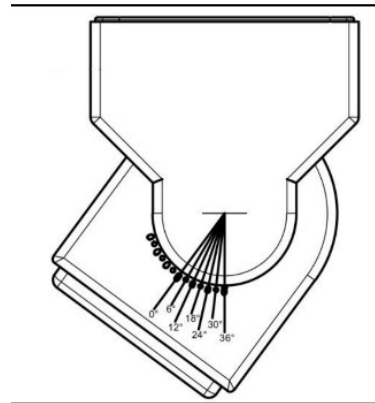
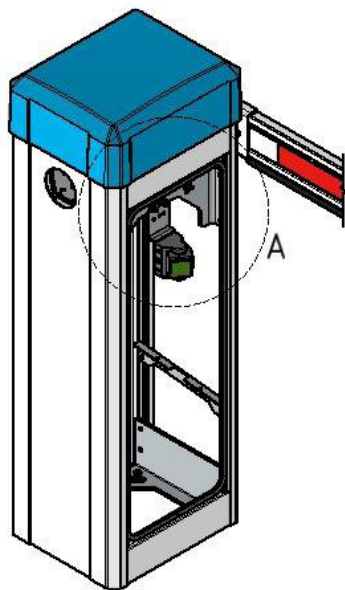
User: User

Password: User9791!

Configuration according to installation instructions starting from page 44.

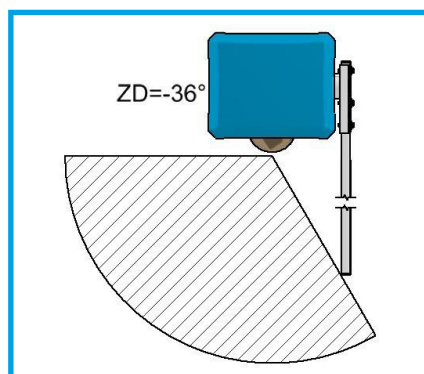
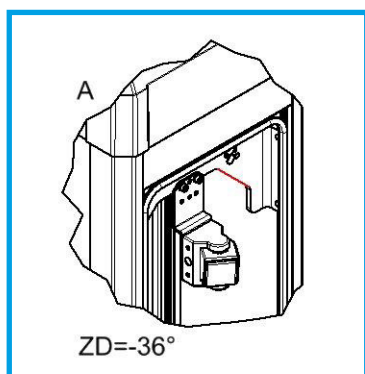
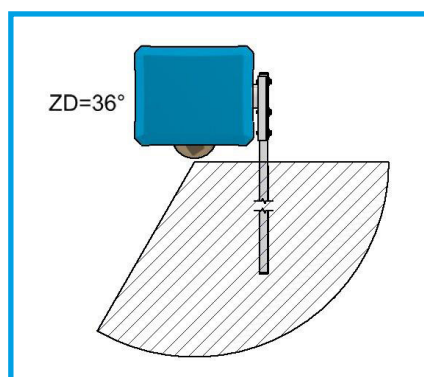
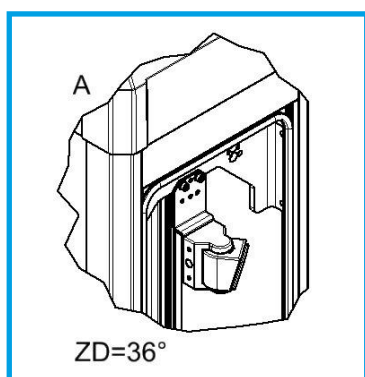
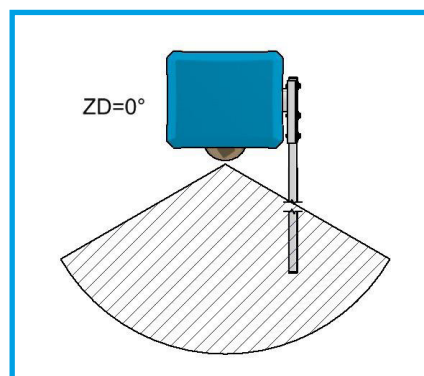
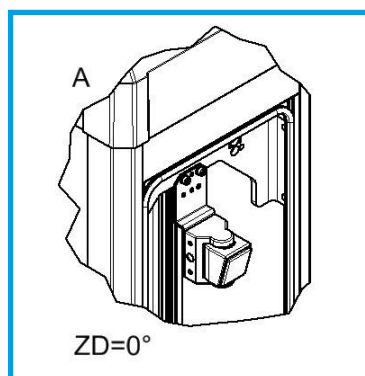


E) Changing the detection angle ZD

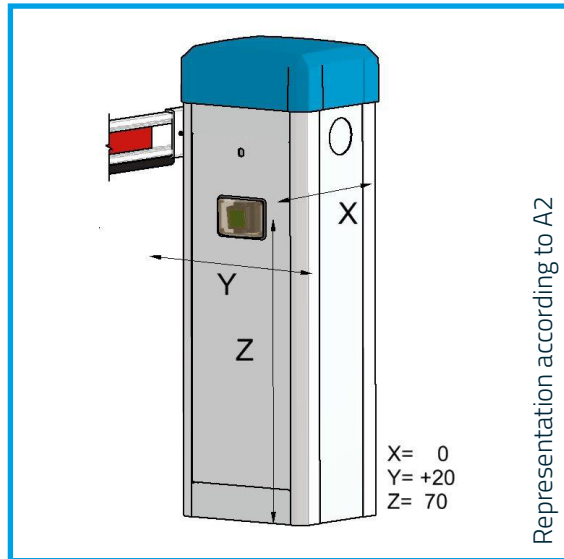
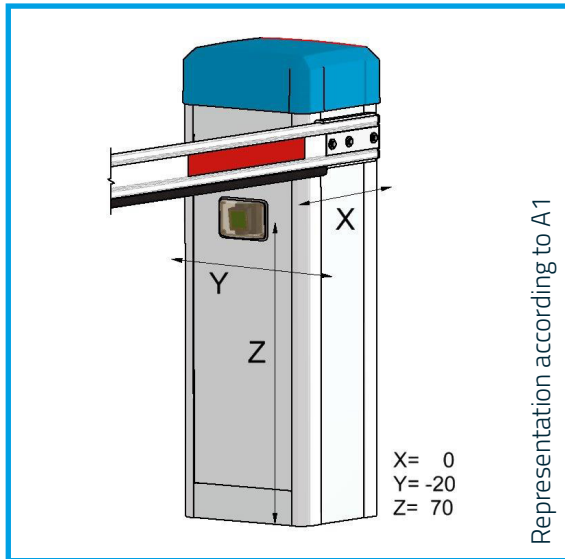


Detection range 120°

Adjustable in the range of ZD = -36° to +36°
in 6° steps



F) Determination of the distance Y (radar - boom centre)



The following applies to ELKA barriers of the **series PARKING** (depending on the variant under A/Page 1):

A1: Y = -20cm

A2: Y = +20cm

The following applies to ELKA barriers of the **series INDUSTRIAL - series S**:

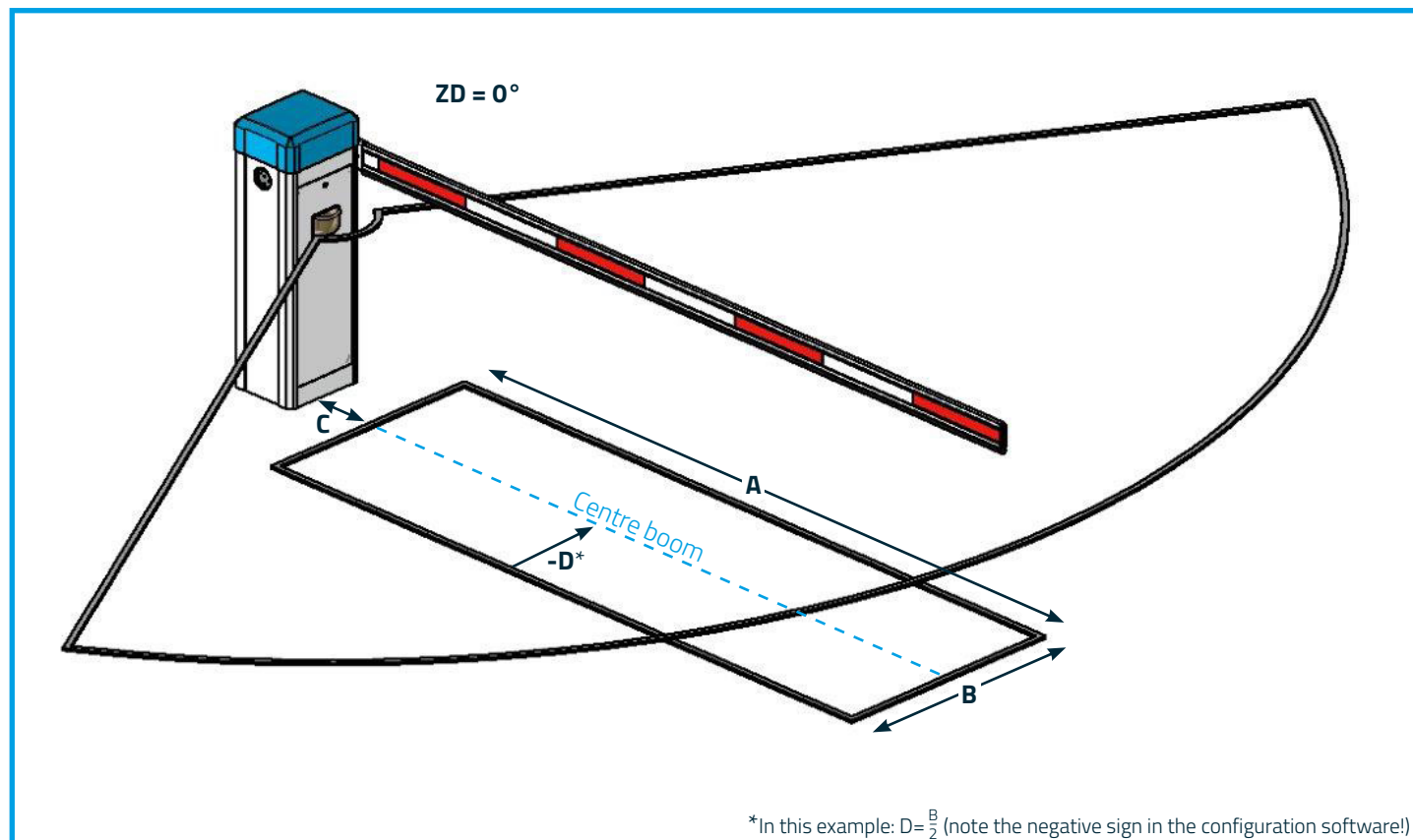
Y = 0cm

Note:

Distance X (radar - front edge of barrier housing) is 0cm for all ELKA barriers.

For third-party barriers, please measure accordingly (check the operators!)

G) Configuration of a security area



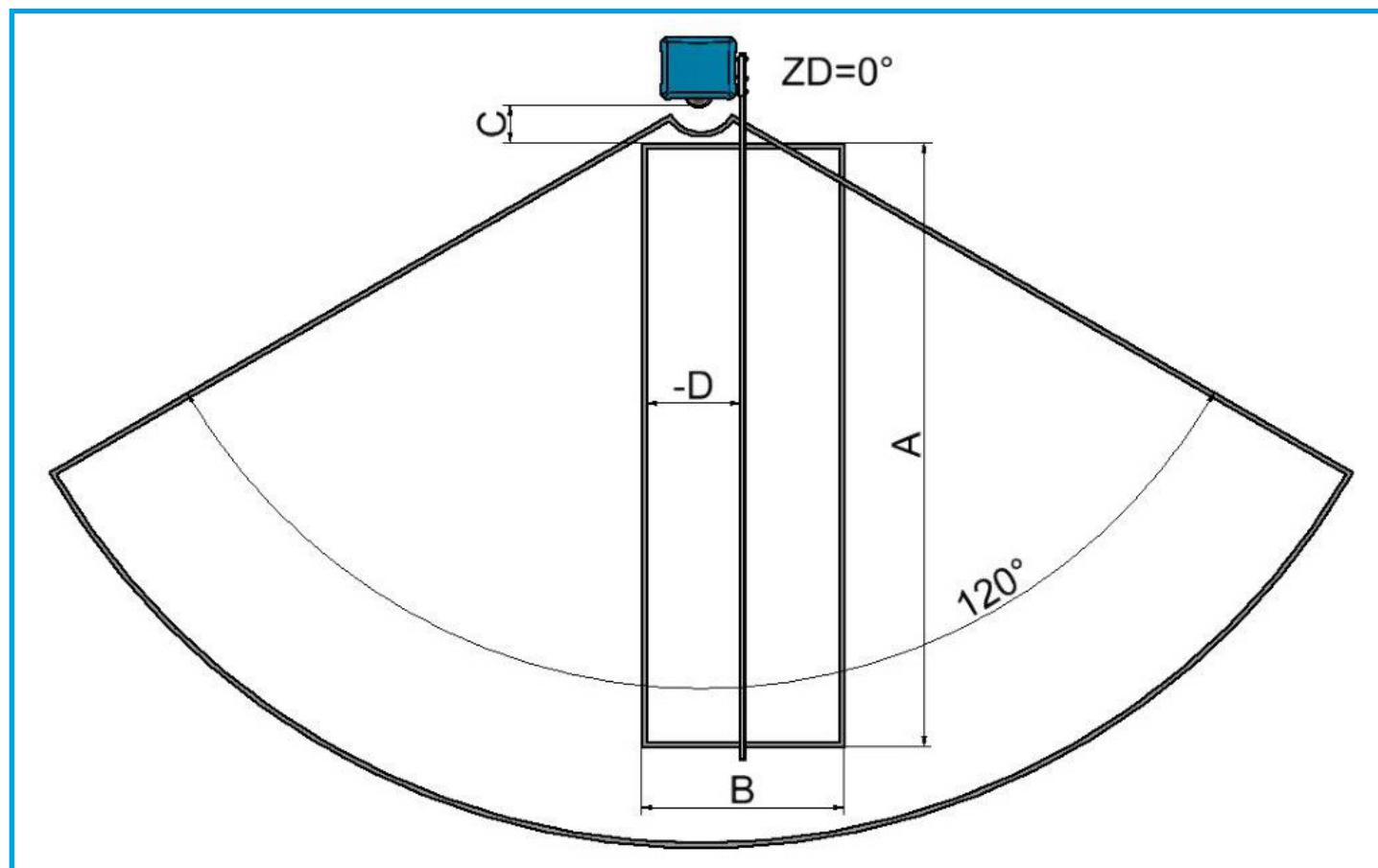
Installation example for securing the barrier arm only.

A = Width of the safety field in cm

B = Depth of the safety field in cm

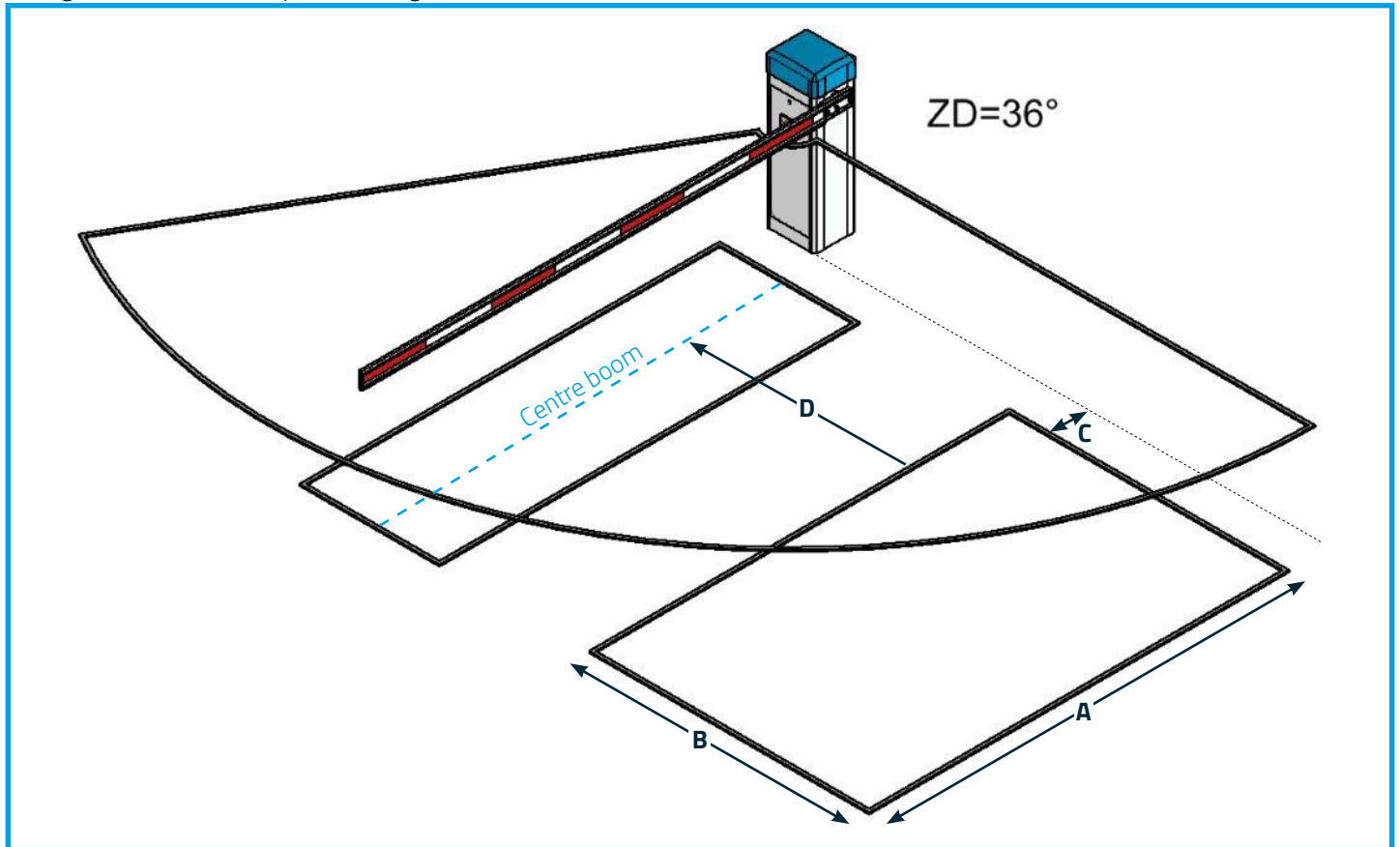
C = Distance of the safety field from the barrier housing in cm

D = Dimension of the safety field to the centre of the boom (measured from the outer edge of the field) in cm



Configuration of a safety field and an opening field with a radar sensor

Configuration of the safety field analogue to G.



A = Width of the opening field in cm

B = Depth of the opening field in cm

C = Distance of the opening field from the barrier housing in cm

D = Dimension of the safety field to the centre of the boom (measured from the outer edge of the field) in cm

