

שיטות הרכבה מנוע דלת דגם EA-KL²-T-50 תוצרת SIMON PROtec®

4.1.2. Mount the hinged bracket

ATTENTION
Use only the supplied screws with screw locking!

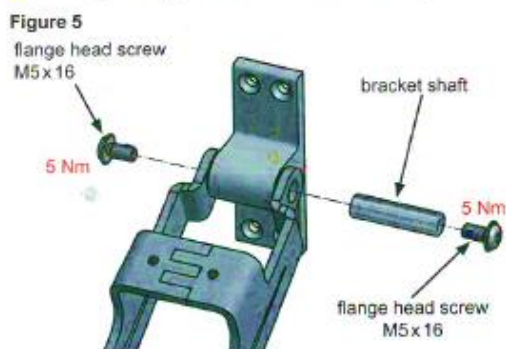
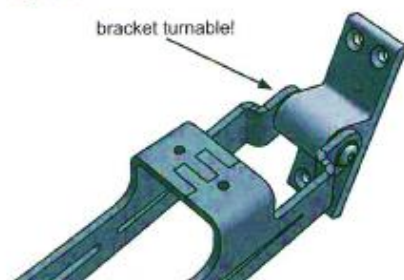


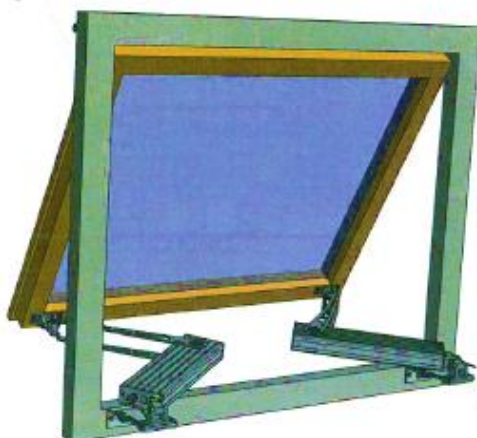
Figure 6



4.1.3. Mounting variants

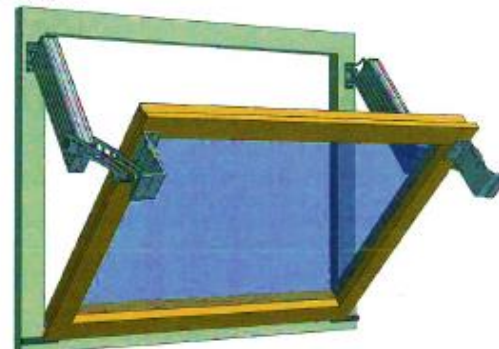
4.1.3.a. Main closing edge – outward opening

Figure 7



4.1.3.b. Secondary closing edge – inward opening

Figure 8



4.1.3.c. Secondary closing edge – outward opening (mounting option A)

Figure 9



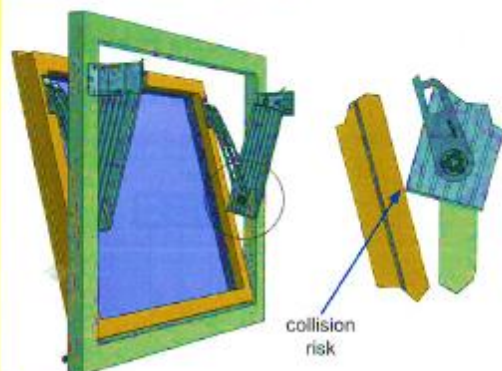
4.1.3.d. Secondary closing edge – outward opening (mounting option B)

Figure 10



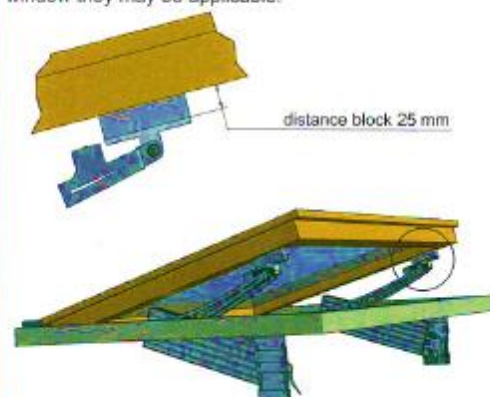


ATTENTION – collision risk



INFORMATION

In case of a collision, spacers (up to 25 mm) are available. Depending on the type of bracket kit and overlap of the window they may be applicable.



4.2. Electrical connection



ATTENTION

Make sure that the loops of the supply line, taking into account the bending radii, are sufficiently dimensioned on moving parts, in order to prevent a clamping or breaking of the connection cable.



DANGER

Please check the complete system before connecting to the 24 VDC supply.



INFORMATION

We recommend a test run with a suitable mobile power supply (including control unit, no battery alone). This allows a simple and fast reaction to malfunctions.



ATTENTION

Do not earth the electrical connection.

The actuator may only be run with 24 VDC protective low voltage!

Insulate all unused wires.

4.2.1. Power supply

The dimension of the power supply has to be suitable for this actuator. Both voltage and current must fit the specifications on the type label. Check the power supply before starting for the first time, particularly noting the right wire cross-section. Comply with the relevant directives with respect to minimum values for lead dimensioning.

Typical calculation (these are only approximate values and this is not an accurate calculation):



INFORMATION

Motor cable – notes on dimensioning (rule of thumbs):

$$\text{wire cross-section [mm}^2\text{]} = \frac{\text{single wire length [m]} \times \text{number of actuators} \times \text{power consumption per actuator [A]}}{73}$$

The national regulations are valid.

4.2.2. Feedback contact – volt-free contact

The normally open contact (NO1, NO2) is only switched when the actuator is cut off in the "CLOSED" end position. This means that the signal is stroke-dependent and can be evaluated as a "CLOSED signal".

