

Installation instruction HAHN SDD/SDG

Sliding Door Damper (SDD)

Sliding Door Gas Spring (SDG)

Type: SDD 04-12 / SDG 04-12; SDD 06-15; SDD 06-19



General information

Contents:

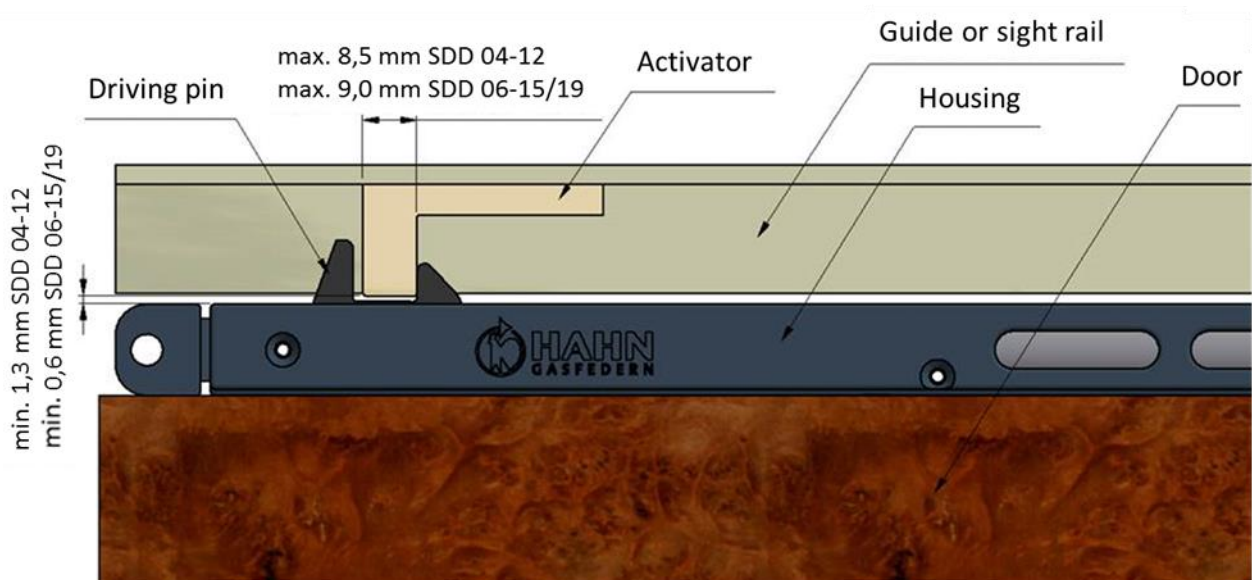
SDD/SDG (incl. housing with mounting lugs for flexible installation)

Preparation:

- Check delivered parts for completeness based on the delivery note.
- Check parts for transport damage.
- Complete work steps in sequence described in the assembly instructions.

What you need additionally:

- Mounting screws with flat head (e.g. DIN 7984 M6):
 Ø 5mm for SDD 04-12/ SDG 04-12
 Ø 6mm for SDD 06-15; SDD 06-19; SDD 08-23
- Phillips screwdriver, tightening torque: 3-4 Nm
- Measuring tool
- Activator assembled in contact with the surface of the long driving pin. Activator must have approx. 1mm play to the opposite short pin and to the bottom (surface between both pins). Activator must not touch housing.



Technical data

SDD 04-12/ SDG 04-12

- **Weight und movement speed of the sliding door:**

SDD/SDG Light: for 40 kg, with 0,5 m/sec.

SDD/SDG Medium: for 60 kg, with 0,5 m/sec.

SDD/SDG Heavy: for 80 kg, with 0,5 m/sec.

- **Mounting dimensions (detailed explanation on the next page):**

a= 286 mm

b= 318 mm

c= 14,5 mm

d= 24,6 mm

SDD 06-15

- **Weight und movement speed of the sliding door:**

SDD Light: for 100 kg, with 0,3 m/sec.

SDD Medium: for 150 kg, with 0,3 m/sec.

SDD Heavy: for 200 kg, with 0,3 m/sec.

- **Assembly dimensions (detailed explanation on the next page):**

a= 423 mm

b= 463 mm

c= 24,0 mm

d= 32,1 mm

SDD 06-19

- **Weight und movement speed of the sliding door:**

SDD Light: for 250 kg, with 0,3 m/sec.

SDD Medium: for 350 kg, with 0,3 m/sec.

SDD Heavy: for 400 kg, with 0,3 m/sec.

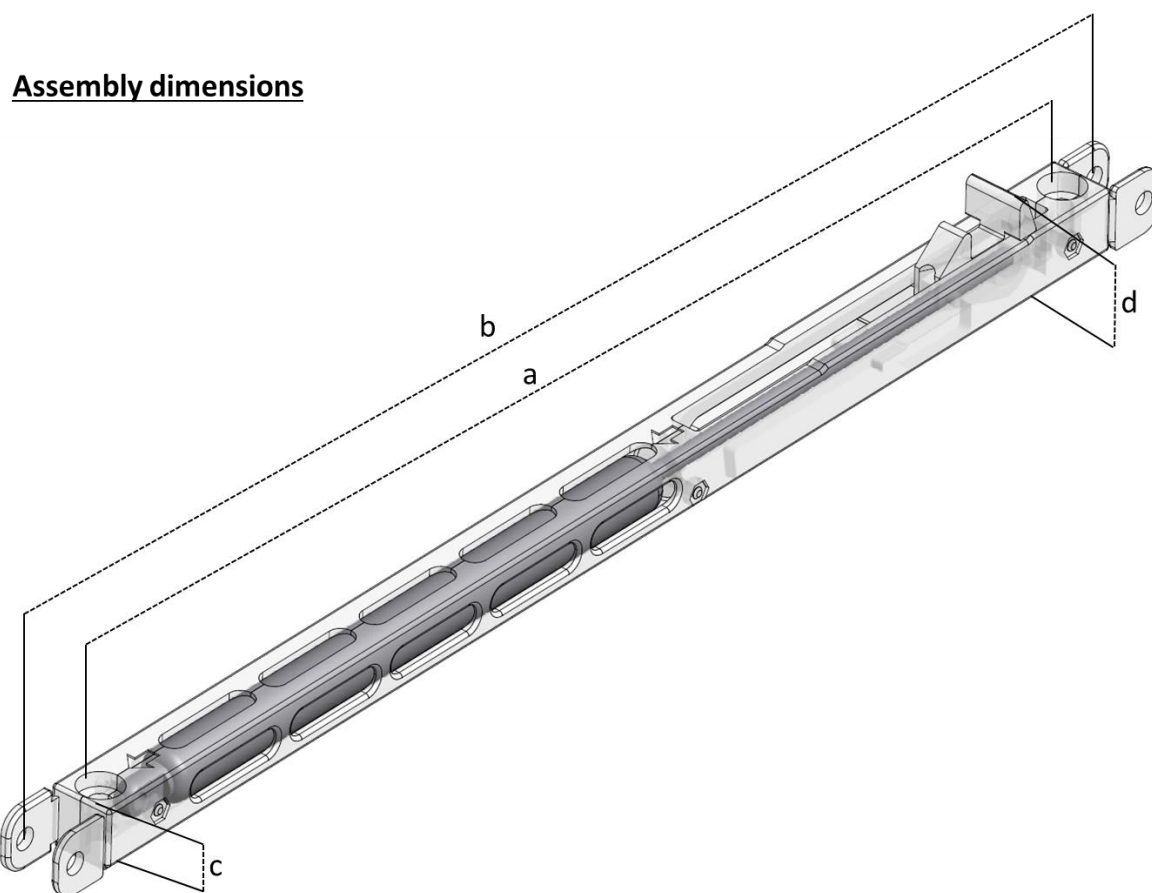
- **Assembly dimensions :**

a= 423 mm

b= 463 mm

c= 24,0 mm

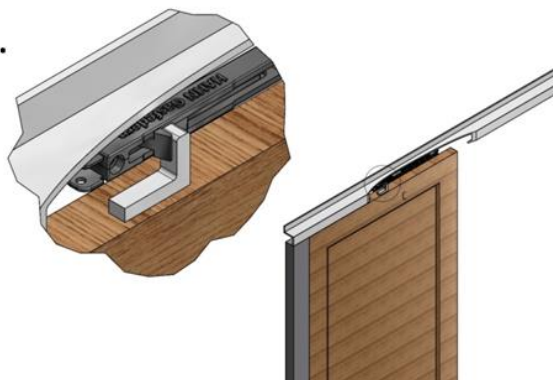
d= 32,1 mm



Assembly dimensions

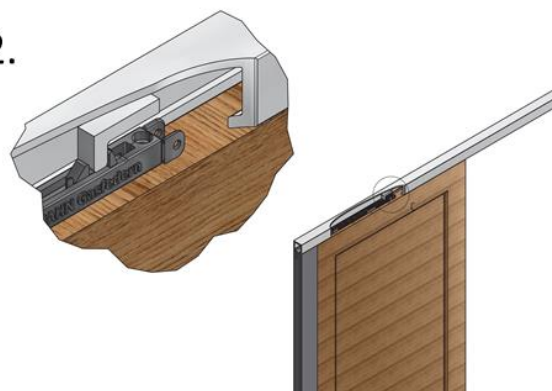
Mounting options

1.



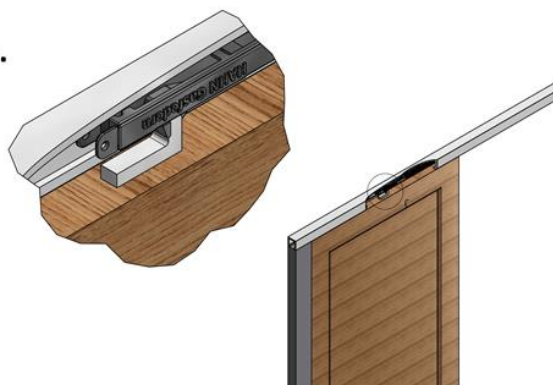
SDD/SDG wall mounting

2.



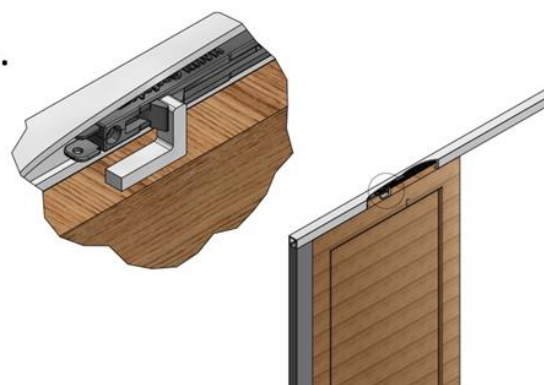
SDD/SDG mounted on the door

3.



SDD/SDG mounted on the top of the profile

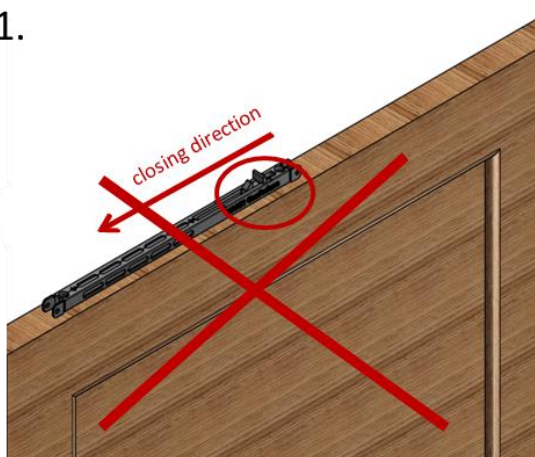
4.



SDD/SDG mounted on the side of the profile

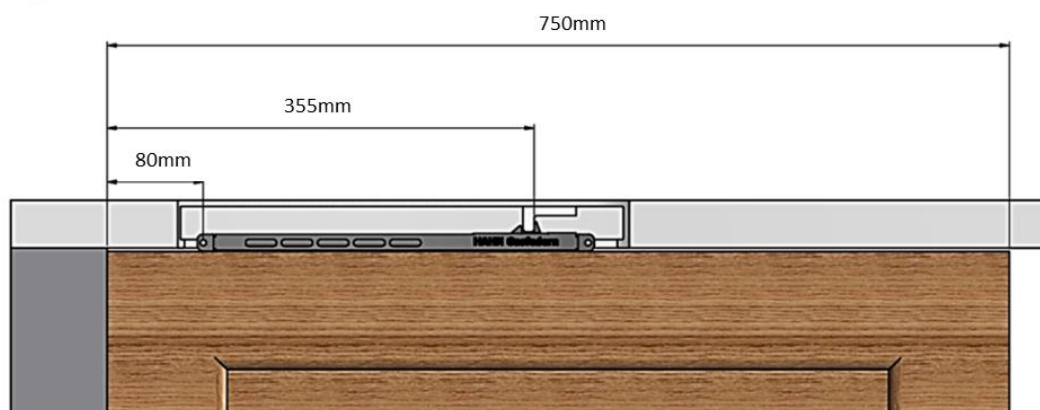
Installation instructions

1.



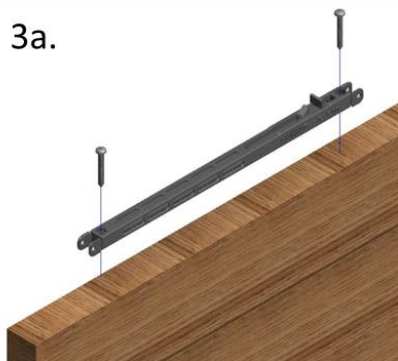
Attention! To avoid damage, the driving pin must be locked before assembly or installation.

2.



Positioning of the SDD/SDG

3a.



Assembly through housing hole;
see mounting options 1,2,3
tightening torque: 3-4Nm

3b.



Assembly through mounting lugs;
see mounting option 4
tightening torque: 3-4Nm

Functional test

Please open and close the door several times (at least 10 times) in a row with moderate speed to ensure the proper operation of the unit.

Attention! To avoid damage, the driving pin must be locked before assembly or installation.

Possible malfunction source

- Attention! The driving pin must be locked before assembly.
- Please check the activator has suitable length.
- Please check the activator is correctly positioned.
- SDD can not be installed as an end stop.