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= 287mm
b= 319mm
c= 14,5mm
d= 24,6mm

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= 423mm
b= 463mm
c= 24,0mm
d= 32,1mm
Technical data

SDD 06-19

Weight und movement speed of the sliding door
SDD Light: for 250 kg, with 0,3 m/sec
SDD Medium: for 300 kg, with 0,3 m/sec
SDD Heavy: for 400 kg, with 0,3 m/sec

Assembly dimensions
a = 423mm
b = 463mm
c = 24mm
d = 32,1mm
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 mailfunction 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.