

Sound Absorber SDE 2-UG 16

Group: 1612

Application

Universal sound absorption element for heavy loads. Particularly suitable for soundproof Installation according to DIN 4109

- ◆ of single connections to M16 Threaded rods, also on girders or roof structures of any gradient
- ◆ of soundproof Fixed Points in trestle arrangement using 4 SDE 2-UG 16. Suitable for installation of soundproof inclined supports, or onto Sikla Channels (recommended from size 41/41).

Scope of delivery

The joint bracket, which is to be connected with the support system, is pre-assembled using an M10 hexagon bolt and safety nut.

Installation

For soundproof single point installation we recommend to connect the SDE 2-UG 16 to the centric thread connection of the Stabil D-3G.

For soundproof Fixed Points in trestle arrangement (see picture below), please see the notes in the Fixed Point section.

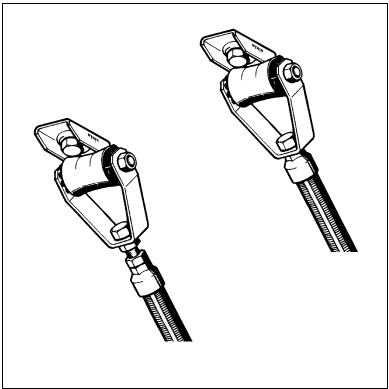
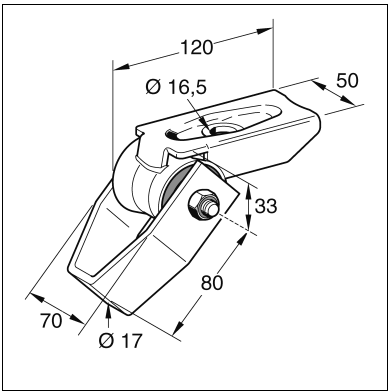
Instead of the normally used 4 Universal Joints, 4 Sound Absorber SDE 2-UG 16 are used to fix on the building structure.

Technical Data

Working load (tension or pressure for all directions in the plane of rotation):	Max. 10 kN
Fixed Point force in pipe axis direction for trestle arrangement as per picture below:	Max. 25 kN
Sound absorption value:	Up to 15 dB(A)

Note:

Lateral forces require additional support.
Dimensioning of the anchor of further joining elements may restrict the application.



Type	Connection to building structure [mm]	Connection to system [mm]	Spring constant c [kN/mm]
SDE 2 - UG 16	Ø 16.5	Ø 17.0	3.5

Material:

Metal Body:	Welded steel, electro-galvanised
Sound absorption insert:	PUR (foamed), RG 650 kg/m ³
Temperature range:	-30 up to +100°C

Type	W [kg]	Quantity [pack]	Part number
SDE 2 - UG 16	0.98	10	161053

