

Technical datasheet

Condenser support | Vibration isolators

Type AD

Description

Rubber-metal vibration isolators with studs on both sides. Commonly used for the elastic suspension and vibration isolation of small rotating machines like e-motors, fans, condensers, compressors, pumps etc. Can be used in compression and shear. The conical shape offers great lateral stability. Other advantages: economical, easy installation, available in two rubber hardnesses.

Scope of supply

These AV-mounts are supplied in 4-packs and include:

- 4 vibration isolators
- 8 nuts M8 DIN 934
- 8 washers M8 DIN 9021

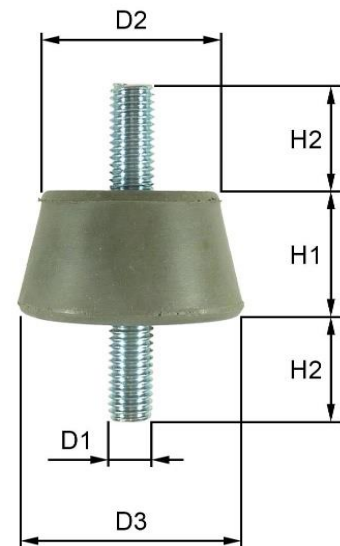
Characteristics

Material: NR (natural rubber) / steel zinc plated

Temperature resistance: -40 °C to +80 °C

Dimensions:

Diameter D1: 8 mm Height H1: 22 mm
 Diameter D2: 28 mm Height H2: 20 mm
 Diameter D3: 38 mm



Load / deflection table

Code	Hardness Shore A	Load kg	Deflection mm	Frequency Hz
AD40M8/2822	40 ± 5	50	5	7,1
AD60M8/2822	60 ± 5	100	5	7,1

Installation and maintenance

Make sure that the mounts are correctly aligned with the mounting holes in the machine and its support structure. Do not overtighten the nuts. Due to aging the rubber may deteriorate over time. It is therefore recommended to visually inspect the rubber every 3-5 years, depending on the environmental conditions. Natural rubber is generally not resistant to ozone, strong acids, oils, greases, fats and most hydrocarbons.

Application and installation considerations should include SHE needs, regulations and standards, codes of practice, climate conditions, installation location, product orientation and evaluation of the support structure.