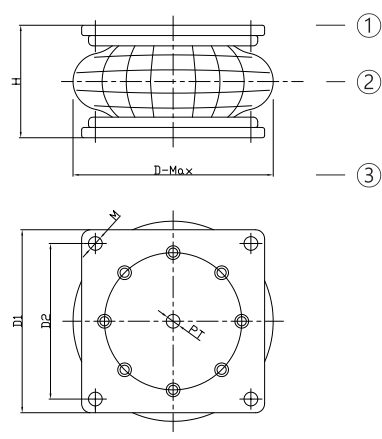
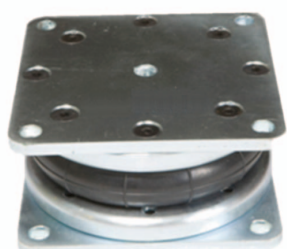


VAM52 Flange Type Air Spring Mount



■ Features

VAM52 is a flange type Air Spring Mount of a structure which is capable of corresponding to 3-axis vibration and is effective for preventing vibration transmission of precision equipment and mechanical equipment. Thanks to the supplementary chamber and damper inside, it is possible to lower natural frequency or to achieve excellent damping characteristics.

■ Usage

- ◆ Vibration isolation for industrial machinery
- ◆ Vibration Isolation for facilities and precision equipment
- ◆ Manual vibration isolation in precision laboratories
- ◆ Vibration isolation for various equipments requiring low natural frequency

■ Specification

No.	Product Name	Material	Standard
1	Upper Bead Plate	SGCD	KS D 3506
2	Bellows	CR	KS M 6617
3	Lower Bead Plate	SGCD	KS D 3506

■ Dimension & Selection Guide By Loads

Type	Design Load (kgf)	Design Pressure (kgf/cm ²)	Maximum Design Displacement (mm)	Natural Frequency (Hz)	Dimension(mm)						Weight (kg)
					D1	D2	D-max	H	M	PT	
VAM52-450	45~450	1~7	+20/-15	4.0~5.0	120	100	Φ130	60	Φ9	1/8"	2.5
VAM52-600	60~600	1~7	+15/-25	3.5~4.5	144	124	Φ155	85	Φ10	1/4"	4
VAM52-900	100~900	1~7	+25/-40	2.8~3.8	168	140	Φ190	100	Φ10	1/4"	6
VAM52-1300	150~1300	1~7	+30/-60	2.6~3.4	204	176	Φ240	130	Φ12	1/4"	9.5
VAM52-3000	350~3000	1~7	+40/-60	2.4~3.0	280	240	Φ335	140	Φ14	1/4"	18

(NOTE) The mentioned size and scale can be altered to improve the quality performance and capacity of the product without any notice.

VAM90 Pneumatic Isolation Table

※ The model name of VAT product has changed to VAM90



■ Features

A high-precision vibration control table can be made using VAM90 auto-level air spring vibration isolator. The bottom of the air spring is made of steel frame with a height of 700~750 mm on average, and it can be made to order depending on the size of equipment. It maintains the horizontal-level precision of ±1/100mm and the horizontal natural frequency between the air-spring mount and plate of about 2Hz.

■ Usage

- ◆ High-precision measurement equipment, electron microscopes and 3D coordinate measuring machines
- ◆ Environmental measurement equipment and high-precision calibration instruments
- ◆ For high-precision manufacturing machines and high-precision optical testers