



Spring Isolators V403 – V406

All metal isolator of the double-action type, designed for loading in tension and compression. Isolation of exhaust systems, especially on ships. Isolation of various pipes (pressurised air or fluids). Protection of fragile equipment during transportation.

Product Characteristics

All metal isolator of the double-action type, designed for loading in tension and compression. Resilient elements: High tensile steel springs and 18/8 stainless steel cushions. Brass spherical nuts. Housing and other parts in steel.

Protection: Paint

A series of low-frequency isolators operating in both tension and compression.

Natural frequency: 3.5 to 5 Hz.

Amplification factor: < 8.

Temperature range: -90 °C to +300 °C.

Maximum load corresponding to a continuous acceleration of 3 g.

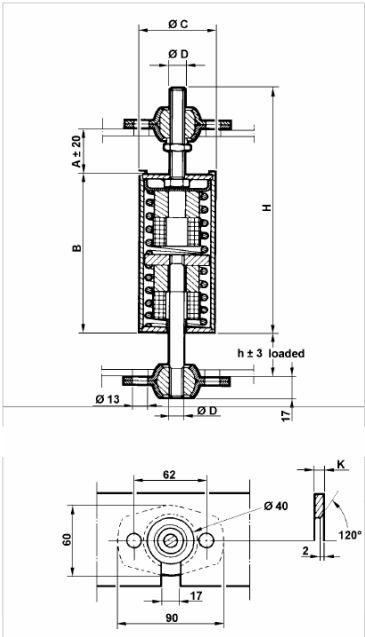
Product Applications

Isolation of exhaust systems, especially on ships. Isolation of various pipes (pressurised air or fluids). Protection of fragile equipment during transportation.

Installation

Attachment points to be made as shown in the cross-section A-A. The mount may then be easily hooked onto the bracket without removing the nuts. The distance between the cups can be adjusted by turning the sleeve and locking the nut. The isolator must not be tensioned. Dimension "h" must be checked after thermal expansion of the pipe and the locknut locked afterwards. Dimension "h" must be within the ± 3 mm tolerances.

Technical Specifications



 Spring-isolator-V403-V406-technical specifications
spring-isolator-v403-v406-technical-specifications.xlsx

Load Range - Weight

Ref	Load range in daN (≈kg)		Weight (kg)
	Static	Dynamic	
V403	60 - 120	360	2.7
V404	100 - 200	600	3.0
V405	160 - 320	960	5.0
V406	270 - 500	1500	5.8

Dimensions

Ref	A	B	C	D	H	K	h
V403	40	135	63	M12	210	6	40
V404	40	155	63	M12	230	6	40
V405	40	175	82	M16	257	8	45
V406	40	200	82	M16	282	8	45

Downloads



Spring isolator
V403-V406
specifications



Contact information

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