



Spring Isolators V303 – V308

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 single-action type, designed for loading in tension only. 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 for tension loads.

Natural frequency: 3.5 to 5 Hz.

Amplification factor: < 9.

Temperature range: -90 °C to +300 °C.

Maximum load corresponding to a continuous acceleration of 3 g.

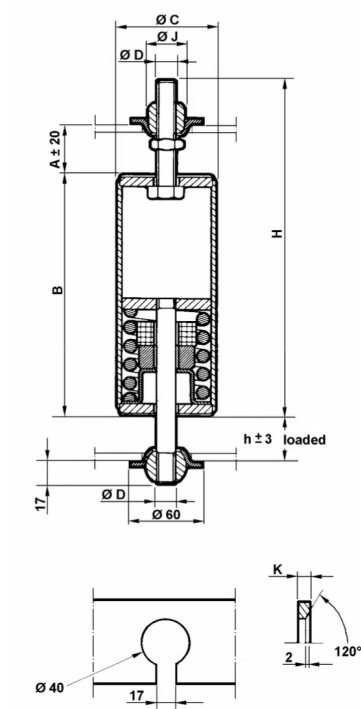
Product Applications

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-V303-V308-technical specifications

spring-isolator-v303-v308-technical-specifications.xlsx

Load Range - Weight

Ref	Load range in daN (≈kg)		Weight (kg)
	Static	Dynamic	
V303	4 - 85	260	2.0
V304	75 - 140	420	2.1
V305	120 - 230	700	4.4
V306	200 - 380	1200	4.6
V308	270 - 500	1500	2.8

Dimensions

Ref	A	B	C	D	H	K	h
V303	40	135	63	M12	210	6	35
V304	40	155	63	M12	230	6	35
V305	40	175	82	M16	257	8	40
V306	45	200	82	M16	282	8	40
V308	45	220	82	M16	302	8	40

Downloads



Spring isolator
V303-V308
specifications

VIBRATEC

Contact information

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