



Spring Packages 1, 2 or 3 rows

Springs in high tensile steel, resilient cushions of 18/8 stainless steel wire mesh, scrolls in aluminium, mounting plates in painted mild steel. Weight is depending of configuration where X is no. of springs, VT4422-X6 & VT4423-X6 $\approx 2,5$ kg/springs, and ≈ 3 kg/spring for the VT4424-X7.

Product Characteristics

Very soft isolators designed for loading in compression mainly. Maximum excitation amplitude: ± 1 mm.

Mechanical strength: 2 g

Temperature range: -90° to $+300^{\circ}$ C.

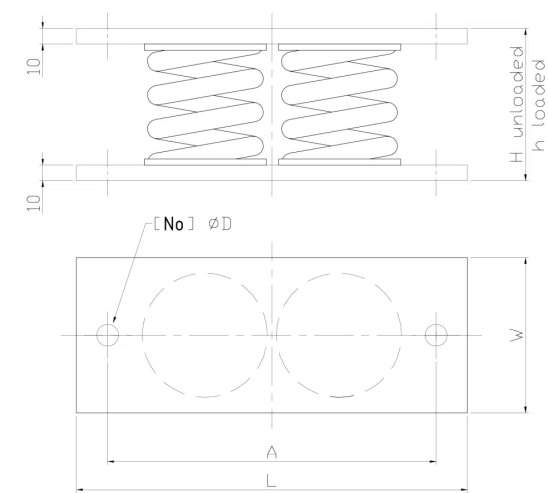
Custom made solutions could be manufactured, e.g. with other dimensions, threaded holes, integrated movement limiters, levelling screws, etc

Product Applications

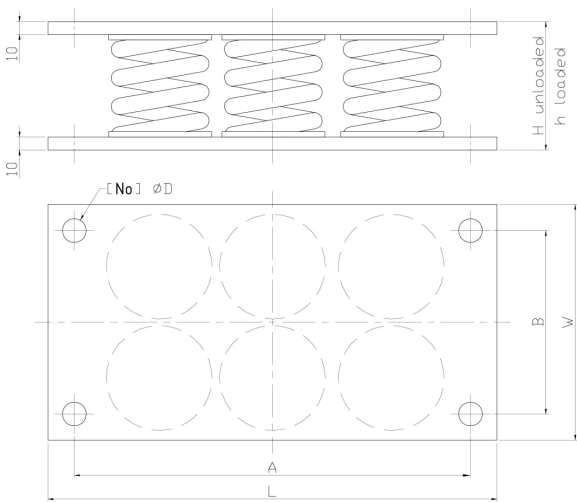
Isolation of low speed rotating machines such as fans, compressors, generating sets, engines etc. Protection of fragile equipment.

Technical Specifications

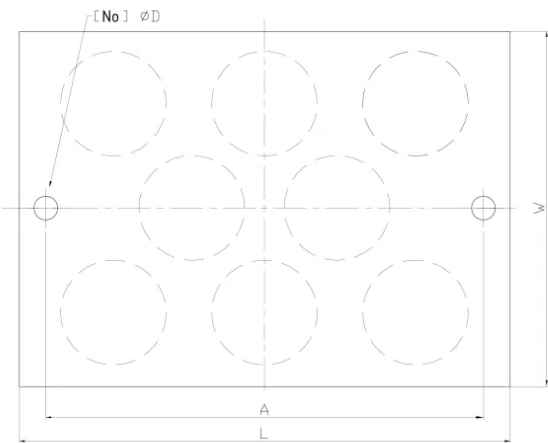
1 Row



2 Rows



3 Rows



 Spring-isolator-packages-1-2-or-3-rows-technical specifications

spring-isolator-packages-1-2-or-3-rows-technical-specifications.xlsx

Specifications

No. of springs	Rows	L	W	VT4422-X6 & VT4423-X6		VT4424-X7		A	B	Dia D	Nx holes
				H Unloaded	H Loaded	H Unloaded	H Loaded				
2	1	250	100	110	100 ± 2	160	140 ± 5	210		14	2
3	1	330	100	110	100 ± 2	160	140 ± 5	290		14	2
4 - 6	2	330	200	110	100 ± 2	160	140 ± 5	298	168	18	4
7 - 11	3	360	250	110	100 ± 2	160	140 ± 5	320		22	2

Characteristics

Ref.	Natural frequency:	Amplification factor
4422	6 - 8 Hz	< 4
4423	5 - 6 Hz	< 5
4424	3 - 4 Hz	< 6

Load Ranges

No of springs	Load range in daN (≈kg)		
	VT4422-X6	VT4423-X6	VT4424-X7
2	720 - 1120	620 - 840	700 - 1100
3	1080 - 1680	930 - 1260	1050 - 1650
4	1440 - 2240	1240 - 1680	1400 - 2200
5	1800 - 2800	1550 - 2100	1750 - 2750
6	2160 - 3360	1860 - 2520	2100 - 3300
7	2520 - 3920	2170 - 2940	2450 - 3850
8	2880 - 4480	2480 - 3360	2800 - 4400
9	3240 - 5040	2790 - 3780	3150 - 4950
10	3600 - 5600	3100 - 4200	3500 - 5500
11	3960 - 6160	3410 - 4620	3850 - 6050

Downloads



vt44-installation-manual-eng

Contact information

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