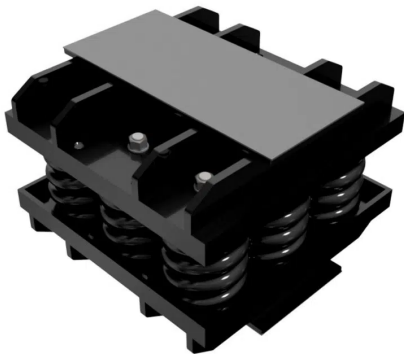




Spring Package VT4625-B

Pre-Compressed Spring Boxes primarily used for vibration isolation of heavy machine foundations and buildings. The VT4625-serie is used where the requirement for resonance frequency is approximately 3.5 Hz.

Variations



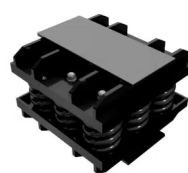
Spring Package VT4625-B2



Spring package 4625-B4



Spring package 4625-B6



Spring package 4625-B9



Product Applications

These isolators consist of nested springs inside reinforced steel boxes, and are pre-compressed with a specific load.

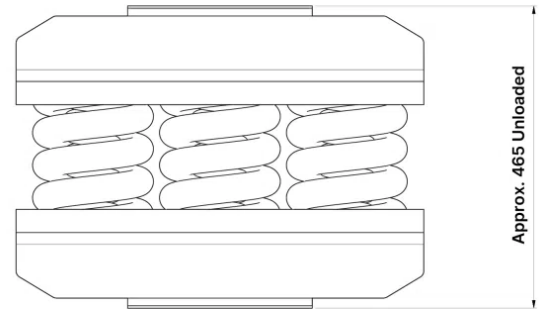
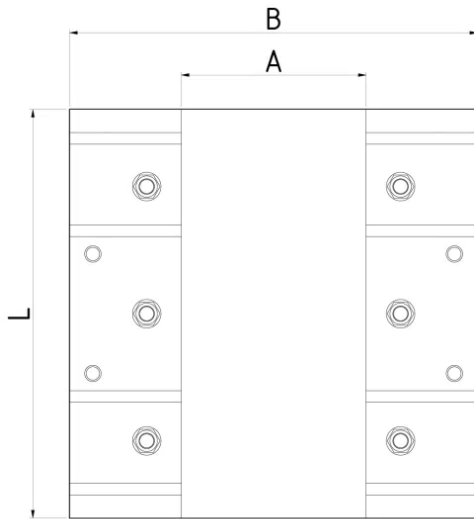
The advantages of pre-compressed isolators are:

- The springs are pre-compressed to a deflection that equals a certain percentage (normally 80%) of the mass of the final building. During construction the isolator will be "released" once the pre-compression load has been applied, it will thus only deflect when the final 20% of the load is applied.
- Isolators can also be installed after construction or replaced by the use of hydraulic jacks. To achieve this all isolators must be accessible.
- By the use of nested springs the isolators can be fine tuned to a specific stiffness.
- The springs are design to withstand blocking (complete coil contact) without exceeding stress limits and causing plastic deformation.

- To minimize the effect of coil resonance in the springs the contact surfaces in the steel box are covered with an elastomer layer. Springs in material 51CrV4 manufactured according to DIN 2096.

Finishing: shot peening + black powder coating alternatively Delta Magni Seal Welded steel structure in mild steel S355 painted with primer and top coat. Workmanship and tolerances in accordance with ISO 2768-1 Class M.

Technical Specifications



VT4625-BAXYP
 VT46 = series
 25 = max. deflection
 BA = box type (2, 4, 6 or 9 springs)
 X = number of OUTER springs
 Y = number of INNER springs
 P = Pre compressed



Spring package VT4625-B technical specifications

spring-package-vt4625-b-technical-specifications.xlsx

Dimensions & load range

Ref.	L	B	A	Load Range
	(mm)	(mm)	(mm)	(kN)
VT4625-B2	190	360	250	120 - 212
VT4625-B4	360	360	250	200 - 420
VT4625-B6	530	360	250	325 - 635
VT4625-B9	530	530	250	525 - 950

Downloads



vt4625-b



Contact information

Sweden	Norway	Denmark	Estonia	Finland	India
+46 176207880 info@vibratec.se	+47 33070750 info@vibratec.no	+45 49132244 info@vibratec.dk	+372 56627990 info@vibratec.ee	+35 8402589117 palvelu@3di.fi	+91 7755996308 rc@vibratec.in

vibratec.org/linkedin

vibratec.org/youtube

vibratec.org/vimeo