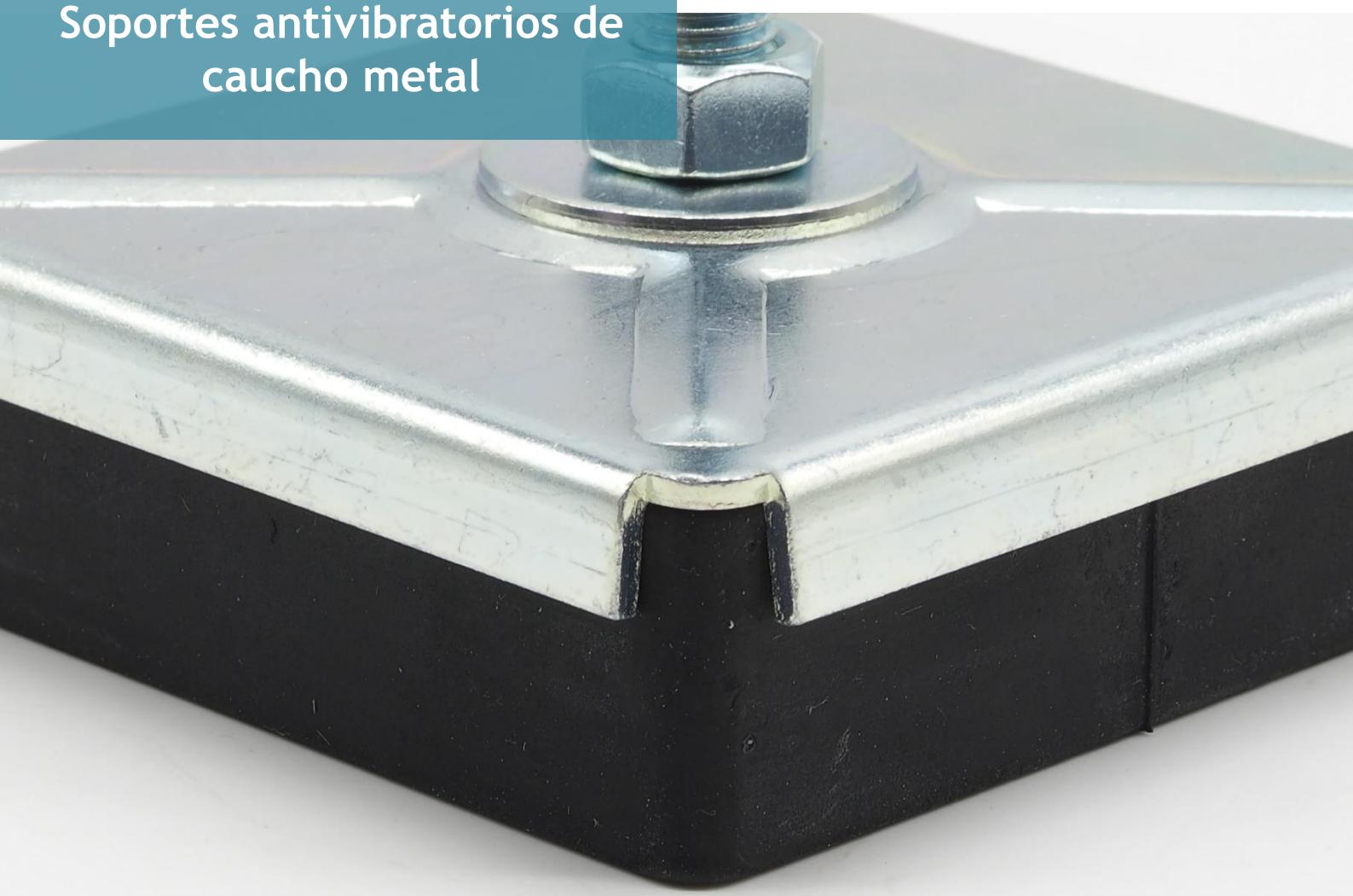


SPA

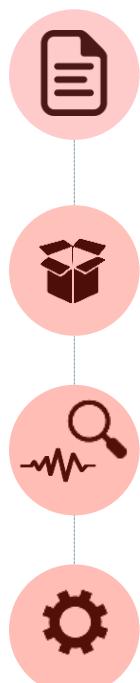
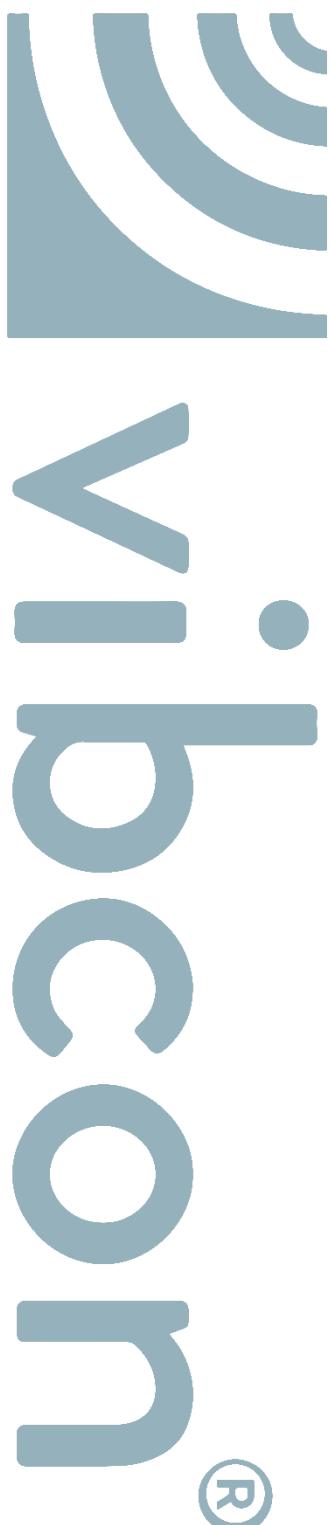
**Soportes antivibratorios de
caucho metal**



r7: 12/2022


vibcon®
Vibroacústica Control y Aislamiento S.L.

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Information

The SPA shock absorbers are an adaptation of the rubber shock absorbers PA 50, PA 70, PA 100 and anti-vibration mats MULTIPAD.

The different models of SPA supports support point loads from 10 daN (decanewtons) to loads greater than 1,000 daN. The current range of loads is much wider than in previous versions of the SPA.

The Vibcon SPA are manufactured with rubber of high resistance to breakage and great elongation, providing higher elastic properties than in previous updates. These new characteristics of low resistance make them have a great ability to isolate and dissipate vibrational energy.

SPA supply includes screws

Possibility of being supplied with different options.

Ideal for isolating vibrations of rotating machines with higher operating regimes from 2500 rpm with vibratory isolation degrees from 75% to 80%.

The damping coefficient is 5% in the high elasticity version (blue) and >5% in the classic version.



SPA150



SPA100



**SPA070
versión
apoyo**

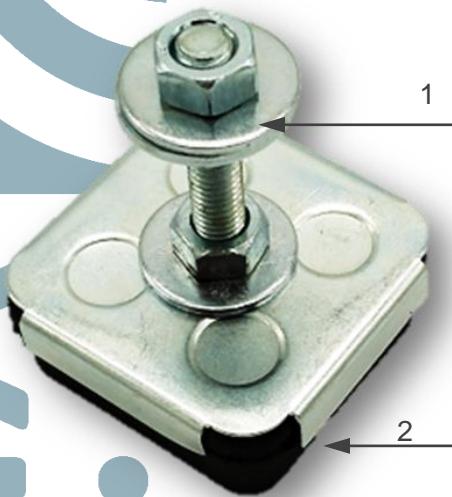


SPA050

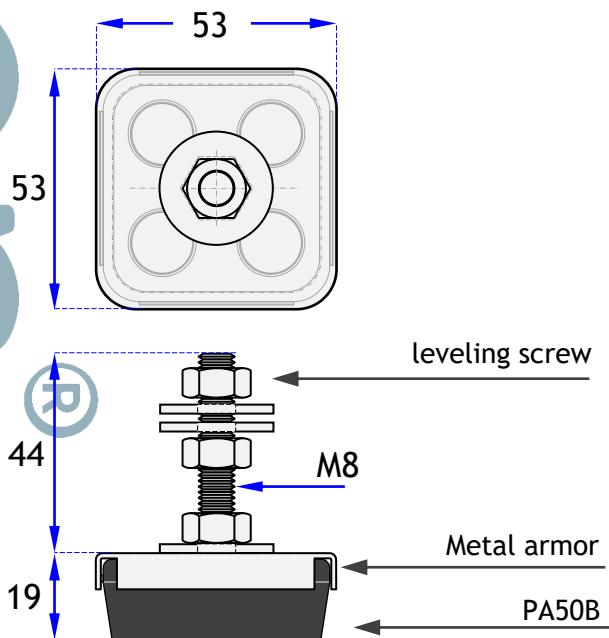


Description and dimensions

Formados por un amortiguador de las series PA y MULTIPAD unidos a una armadura de acero.



SPA 50B



1



Metal assembly consisting of base and asparagus rigidly fixed with two nuts DIN 934 and washers DIN 9012 M8. Galvanic protection.

White zinc plating in Cr III.

RoHS compliant



White corrosion	Red corrosion
-----------------	---------------



2

Injection molding rubber



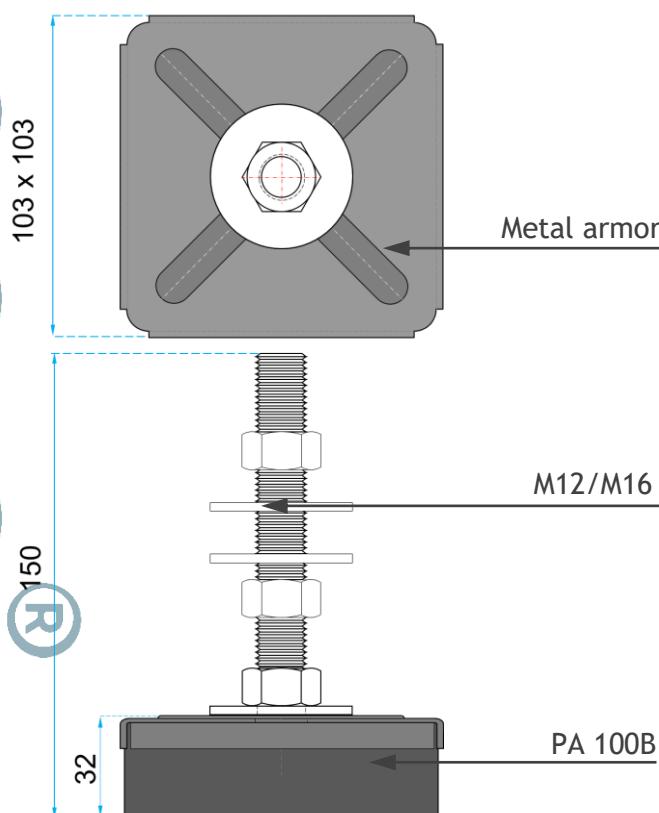
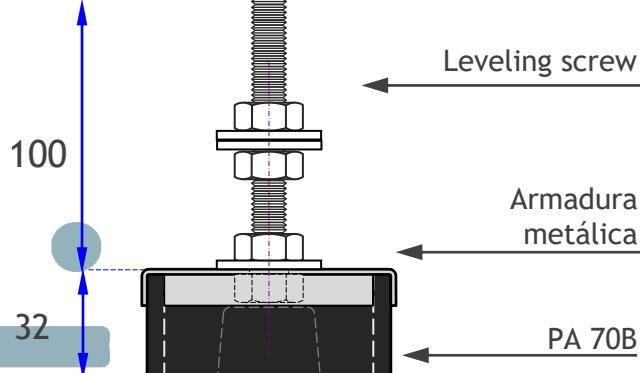
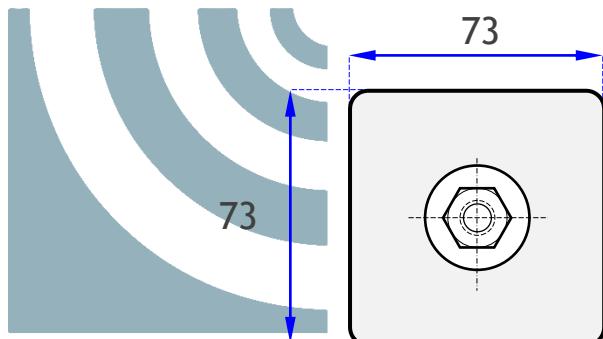
Rubber quality	NR40B
Hardnes	45° Sh A
Colour	Black

SPA 50 B with satin black epoxy finish



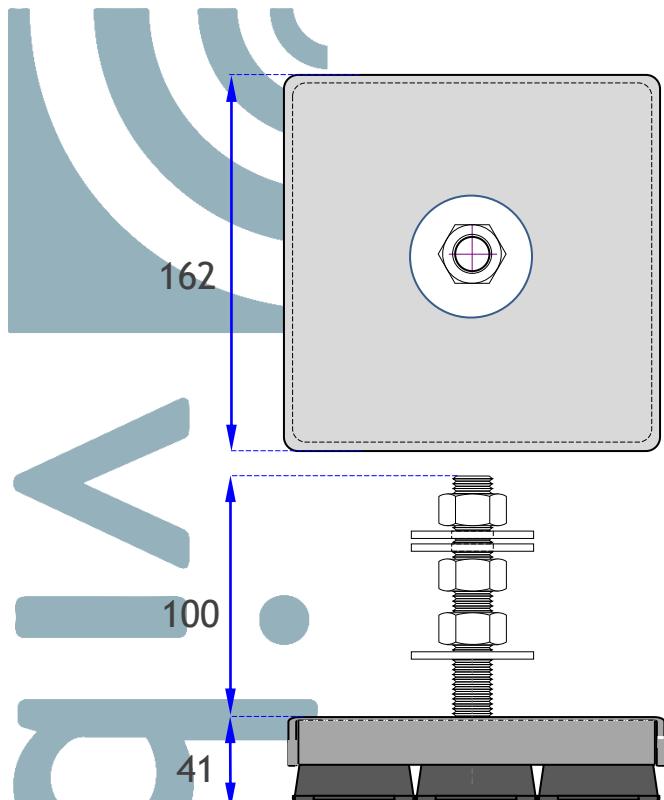


Description and dimensions

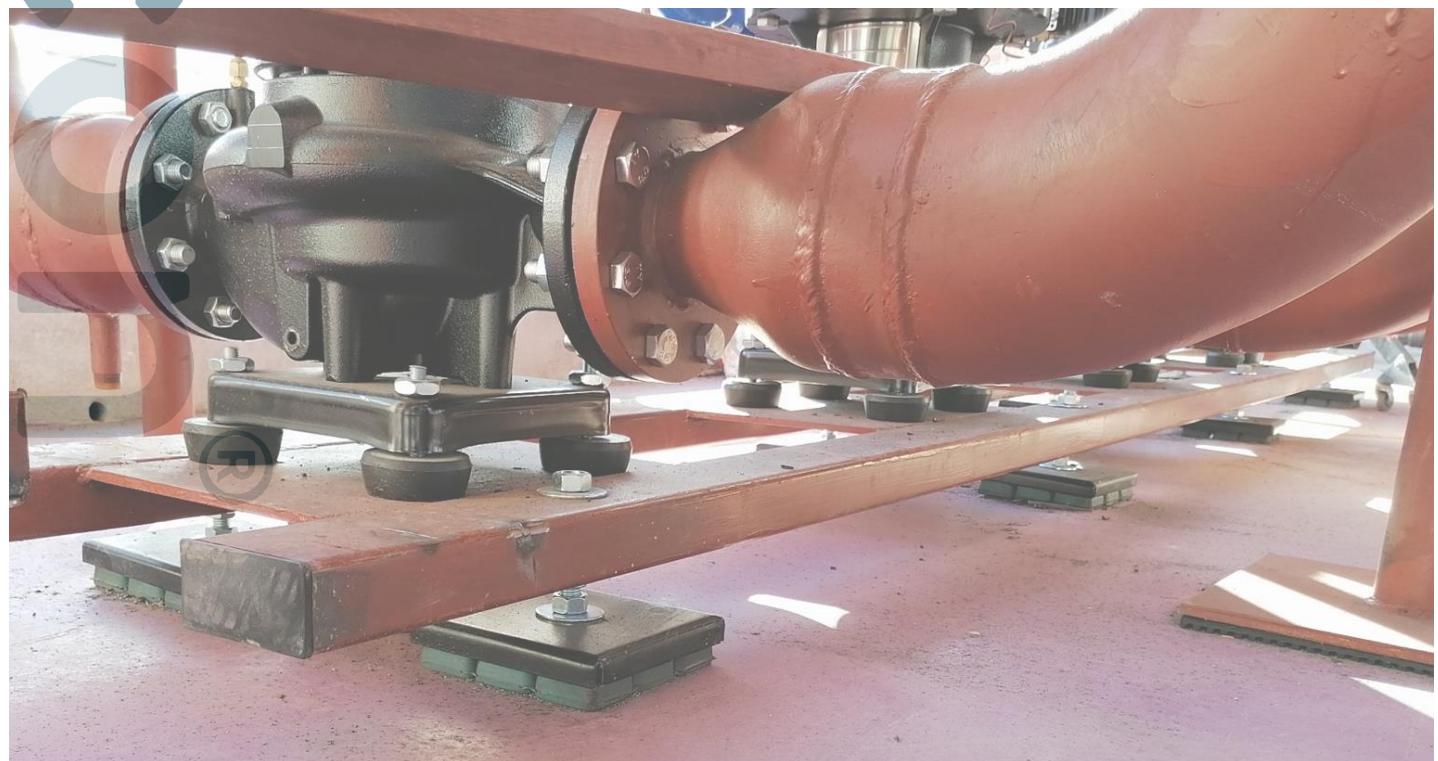


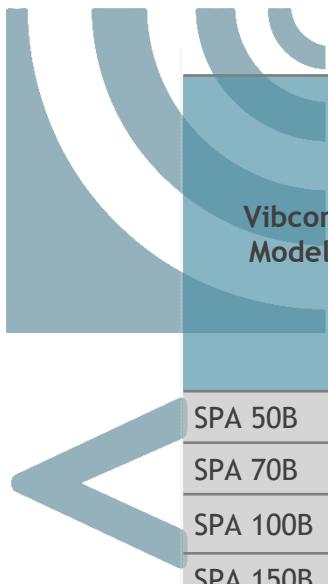
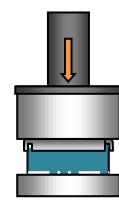


Descripción y dimensiones



SPA 150B



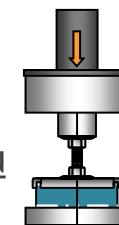
*Physical analysis*Vibcon
Model**APOYO****Compression static load (2)
[daN](1)**

Vibcon Model	Mínima		Máxima		Zone Optimal (3)
	Load [daN]	Static deflection [mm]	Load [daN]	Static deflection [mm]	
SPA 50B	8	0.2	110	4.5	10-90
SPA 70B	10	1	300	5	10-240
SPA 100B	30	1	700	5	70-450
SPA 150B	50	1.5	900	8	100-850

Nota (1): 1kgf =0,98daN

Nota (2): The load values have been obtained the hysteresis curve obtained from test with dynamometer calibrated annually. Speed 30 mm/min.

Nota (3): It is the most linear part of the hysteresis curve.

**CON NIVELACIÓN****Compression static load (2)
[daN](1)**

Vibcon Model	Mínima		Máxima		Zone Optimal (3)
	Load [daN]	Static deflection [mm]	Load [daN]	Static deflection [mm]	
SPA 50B	8	0,5	80	4,5	20-70
SPA 70B	2	0,5	230	7	10-200
SPA 100B	30	1	600	5	70-400
SPA 150B	50	1.5	900	8	100-850

To view the load and frequency curves Natural, request the corresponding data sheets (FT) for each model



Applications



Versión apoyo

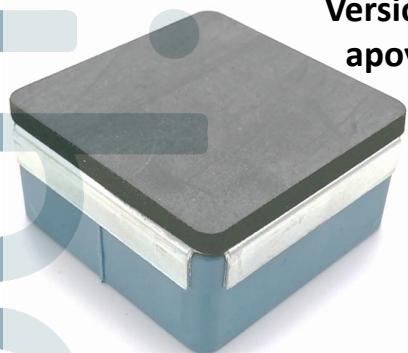
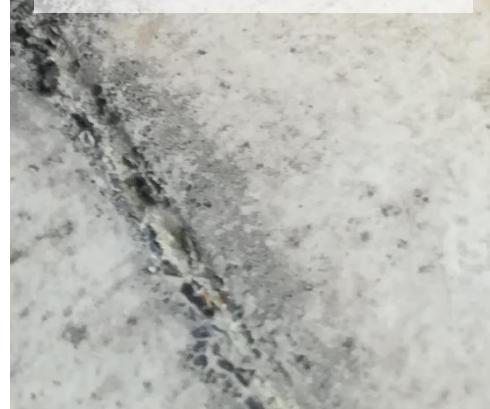


Foto realizada en
2019 de SPA 70 con
15 años en servicio





.... dar respuesta con buenas soluciones, son “buenas vibraciones”