



Company history

Vapsint started off in the sixties, as VAP Veneta Ammortizzatori, a workshop specialized in the production of regenerated dampers for motorvehicles and the marketing of spare parts for the car industry.

In the seventies it began producing the first gas springs for motorvehicles. In the eighties the production became industrialized, as gas springs met with increasing use and interest in many markets.

Over the years The Company has developed new products that, in addition to gas springs and their numerous versions, deal in different ways with the movement and weight of objects: adjustable decelerators, hydraulic dampers, as well as dampers for industrial applications.

Vapsint distinguishes itself especially in the high degree of flexibility and innovation in order to produce the best solution for the customers. All this according to the highest quality standards which are monitored by **ISO9001**.



To serve (Northern) European customers even better, Brimotech Solutions from The Netherlands joined the Vapsint Group in 2012. Together we organize the engineering, sales and support for all Northern European customers from our office in The Netherlands.

Company history

The technical knowledge of materials, the constant research and experimentation, the attention to clients and their needs, and the variety of customized solutions makes us a point of reference for many companies. The close collaboration with clients in the design and planning of new applications allows us to provide the best solution for every specific requirement.

CAD drafting technologies and three dimensional simulation models lead to a better understanding of product application.

All products are developed and produced according **ISO9001:2008**.

Production is completely in our own facilities which results in 100% European products.



Because of the engineering background of Brimotech Solutions, all possible designs and developments can be done very efficiency at our Dutch office. All specifications will be set-up together with the customer and produced according at Vapsint Italy.

Production range

Non lockable

The most common applications may be seen on car doors, on protective casings of industrial machines, on furniture doors, in medical and fitness equipment, on motor-driven blinds and canopies, on bottom-hinged dormer windows and inside supermarket sales counters etc.

Our standard production is mat black (RAL9005) and Alu/white (RAL9006) all with chrome plated piston rod.

For eg. the maritime sector we produce our products completely out of **AISI316**, including laser prints and Viton seals. For eg. the food and beverage sector we even have our special FDA approved oil.

The table on the right indicates the standard production limits. On request we can even produce “outside” these boundaries.

Production of lockable gas springs and dampers is available on request.

\varnothing cylinder	\varnothing rod	Stroke [mm]	Force [N]	Progression
12 mm	4 mm	min 20 max 120	min 20 max 150	24% (F1x1,24)
15 mm	6 mm	min 20 max 250	min 20 max 400	30% (F1x1,30)
18,5 mm	8 mm	min 20 max 350	min 50 max 700	38% (F1x1,38)
18,5 mm	10 mm	min 40 max 400	min 100 max 900	58% (F1x1,58)
22 mm	8 mm	min 50 max 350	min 100 max 700	30% (F1x1,30)
22 mm	10 mm	min 50 max 500	min 100 max 1300	44% (F1x1,44)
28 mm	10 mm	min 50 max 550	min 200 max 1300	21% (F1x1,21)
28 mm	14 mm	min 50 max 650	min 200 max 2500	54% (F1x1,54)



Options & Possibilities

Non lockable

Options for industrial (non lockable) gas springs

- Steel
- AISI316 polished



- ✓ Friction
- ✓ Dynamic damping
- ✓ Lock in – Lock out
- ✓ Protection tubes
- ✓ Protection caps
- ✓ Valve
- ✓ Different sealing materials
- ✓ Anti tear
- ✓ Endless configuration of end-fittings
- ✓ Custom made end-fittings
- ✓ Laser print coding (Stainless steel)
- ✓ Etc.