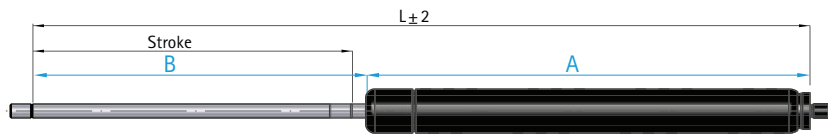
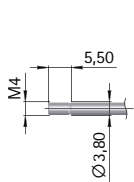


Standard program Liftline gas springs type 16-12

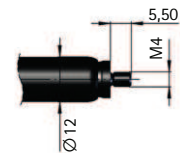
Type 16-12 Thread/Thread

Ø tube 12 mm, Ø piston rod 4 mm, max. stroke 150 mm, extension force 40-180 N, fitting AM4-BM4

Fitting B



Fitting A



All dimensions in mm. The standard color of the tube is black or white aluminium, and the piston rod is black.

1. Select length and stroke

Length L (mm) ±2	Stroke (mm)	Technical data
72	20	16-12 - 49 - 23 - AM4 - BM4
92	30	16-12 - 59 - 33 - AM4 - BM4
112	40	16-12 - 69 - 43 - AM4 - BM4
132	50	16-12 - 79 - 53 - AM4 - BM4
152	60	16-12 - 89 - 63 - AM4 - BM4
192	80	16-12 - 109 - 83 - AM4 - BM4
232	100	16-12 - 129 - 103 - AM4 - BM4
272*	120	16-12 - 149 - 123 - AM4 - BM4
332*	150	16-12 - 179 - 153 - AM4 - BM4

Please select your fittings on pages 16-18!

Gas springs configurator

Construct your own individual gas spring with our gas spring configurator on our website www.suspa.com/en/configurator

*The maximum F_1 extension force depends on the customer's application.

2. Select the desired extension force F_1 and fittings

The extension force F_1 can be at least 40N and maximum 180N, the gradation of forces can be selected individually.

When ordering please indicate the extension force and the desired fittings (see pages 16-18) as follows:

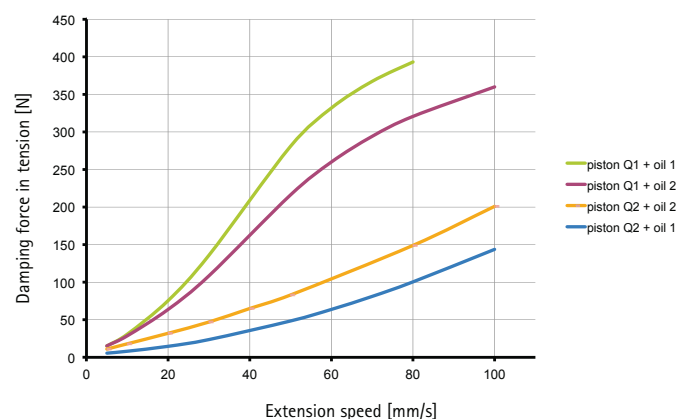
Order example: 16-12-49-23-AM4-BM4-120N

Please do not hesitate to contact us for individual layouts as for example a different damping behavior of the gas spring!

3. Gas springs without extension force: damper

Type 16-12 can be used without extension force as a damper, for example in automobiles, furniture, household appliances or in industrial applications. The damping behavior can be chosen according to your needs. The characteristic curve shows the damping force depending on the extension speed.

Damping behaviour



End fittings and attachments

The fittings in this overview are sorted by thread diameter.
 You can find further fittings on: www.suspa.com/en/fittings

End fittings for type 16-12

Clevis / steel galvanized			Attachment name	Part number	Ø	C	suitable for 16-12
		A457-B457	06710559	4,1	M4	•	

Fork head / steel galvanized			Attachment name	Part number	Ø	C	suitable for 16-12
		A446-B446	06710497	4	M4	•	

Ball joint / steel galvanized			Attachment name	Part number	Ø	C	suitable for 16-12
		A456-B456	1681007		M4	•	

End fittings for type 16-1, 16-2, 16-4, 16-6

Clevis / zinc			Attachment name	Part number	Ø	C	suitable for			
							16-1	16-2	16-4	16-6
		A26-B26	06500029	12	M8			•	•	
		A30-B30	06500155	8,1	M8			•	•	
		A31-B31	06500145	10,1	M8				•	•
		A104-B104	06500078	12	M6	•	•			
		A220-B220	06510005	6,1	M6	•	•			
		A221-B221	06510006	8,1	M6	•	•			
A222-B222	06510007	10,1	M6	•	•					

Clevis / zinc			Attachment name	Part number	Ø	C	suitable for			
							16-1	16-2	16-4	16-6
		A1-B1	06500094	6,1	M6	•	•			
		A2-B2	06500070	8,1	M6	•	•			
		A13-B13	06500071	8,1	M8				•	•

Clevis / zinc			Attachment name	Part number	Ø	C	suitable for			
							16-1	16-2	16-4	16-6
		A10-B10	06500164	8,1	M6	•	•			
		A223-B223	06510008	6,1	M6	•	•			