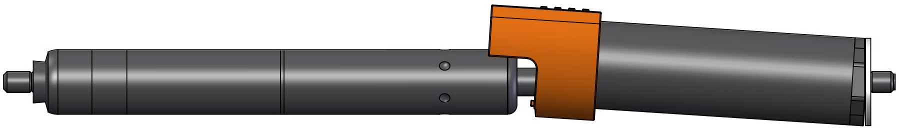
SUSPA – for Safety and Comfort

Liftline LCT – Locking Cover Tube

Gas spring with locking tube



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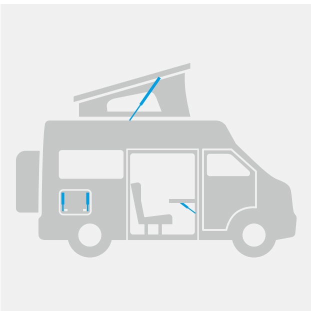
Operating Mode

The locking tube is used as a safety device to prevent the gas spring from retracting unexpectedly. Gusts of wind, deformations, increased loads or similar situations can cause a gas spring to retract unexpectedly during use. The mechanism of the locking tube automatically locks the gas spring in its fully extended position. To release the lock, the operator pushes the locking tube back to the middle position so that the gas spring can be adjusted again. To ensure optimum safety and functionality, each locking tube is specifically matched to the length of the gas spring.

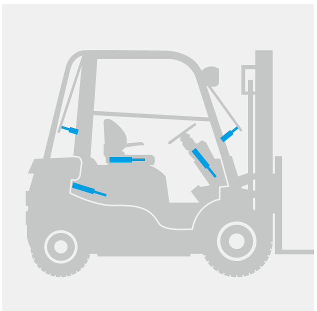
Added value for the customer

- Safety feature: the gas spring remains in its extended position even under unexpectedly high external loads
- In addition, the locking tube offers an increased service life as the piston rod surface is better protected against external influences

Applications

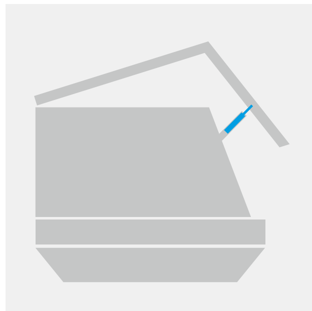


Camper

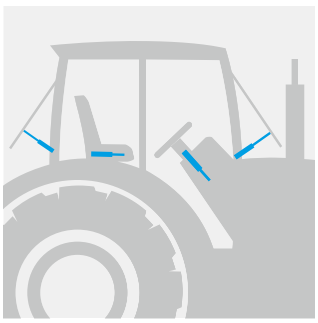


Material Handling

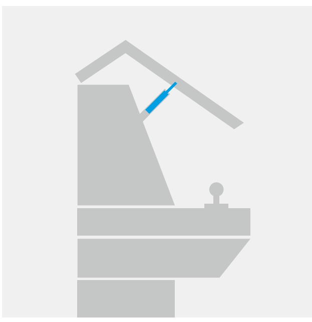
Catering Vehicles



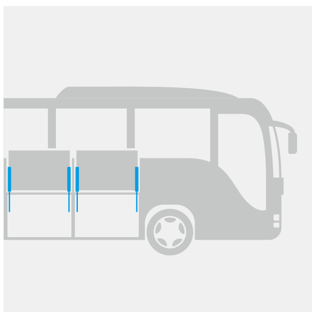
Machinery Covers



Agricultural Machinery



Gaming Machines



Bus

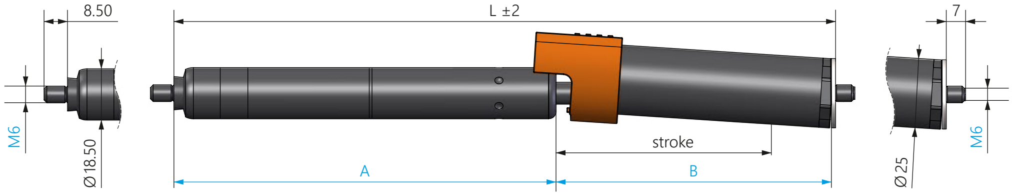
With more than 1,900 employees round the world, SUSPA produces gas struts, hydraulic dampers, adjustment systems and crash and safety systems for various branches from the furniture industry to the automotive industry.

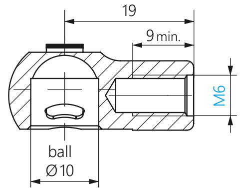
www.suspa.com

Specification Liftline LCT
Type 16-2 (standard program)

Ø tube 18.5 mm, Ø piston rod 8 mm, max. stroke 250 mm, extension force 80-750 N

Standard fitting:
Ball socket steel galvanized





Further fittings on request

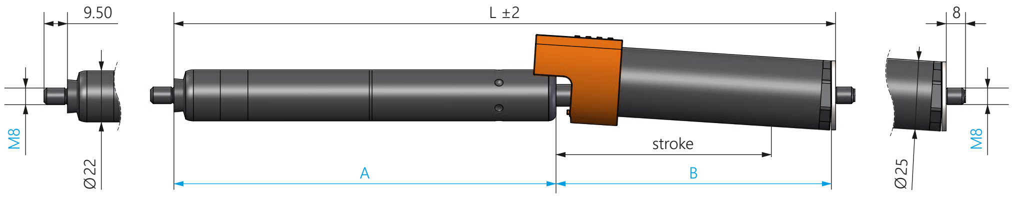
Select length, stroke and extension force

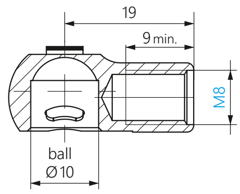
Length L (mm) ±2	Stroke (mm)	Technical data	Extension force F_1
129	25	16-2 - 78 - 50 - AM6 - BM6 -	80 N ≤ F_1 ≤ 600 N
169	34	16-2 - 109 - 59 - AM6 - BM6 -	Select the desired extension force F_1: 80 N ≤ F_1 ≤ 750 N. Please contact us for your individual layout.
207	60	16-2 - 121 - 85 - AM6 - BM6 -	
219	65	16-2 - 128 - 90 - AM6 - BM6 -	
249	85	16-2 - 138 - 110 - AM6 - BM6 -	
269	85	16-2 - 158 - 110 - AM6 - BM6 -	
289	100	16-2 - 163 - 125 - AM6 - BM6 -	
329	125	16-2 - 178 - 150 - AM6 - BM6 -	
368	139	16-2 - 203 - 164 - AM6 - BM6 -	
409	160	16-2 - 223 - 185 - AM6 - BM6 -	
454	175	16-2 - 253 - 200 - AM6 - BM6 -	
449	182.5	16-2 - 240 - 207.5 - AM6 - BM6 -	
490	200	16-2 - 264 - 225 - AM6 - BM6 -	
549	228.5	16-2 - 294 - 253.5 - AM6 - BM6 -	

Gas spring Liftline Type 16-4 (standard program)

Ø tube 22 mm, Ø piston rod 10 mm, max. stroke 495 mm, extension force 100-1,200 N

Standard fitting:
Ball socket steel galvanized





Further fittings on request

Select length, stroke and extension force

Length L (mm) ±2	Stroke (mm)	Technical data	Extension force F_1
249	75	16-4 - 148 - 100 - AM8 - BM8 -	Select the desired extension force F_1: 100 N ≤ F_1 ≤ 1,200 N. Please contact us for your individual layout.
289	100	16-4 - 163 - 125 - AM8 - BM8 -	
349	125	16-4 - 198 - 150 - AM8 - BM8 -	
368	145	16-4 - 198 - 170 - AM8 - BM8 -	
407	145	16-4 - 236 - 170 - AM8 - BM8 -	
449	175	16-4 - 248 - 200 - AM8 - BM8 -	
549	225	16-4 - 298 - 250 - AM8 - BM8 -	
649	275	16-4 - 348 - 300 - AM8 - BM8 -	
749	325	16-4 - 398 - 350 - AM8 - BM8 -	
769	325	16-4 - 418 - 350 - AM8 - BM8 -	
849	375	16-4 - 448 - 400 - AM8 - BM8 -	
949	425	16-4 - 498 - 450 - AM8 - BM8 -	
1,049	475	16-4 - 548 - 500 - AM8 - BM8 -	

09/2024