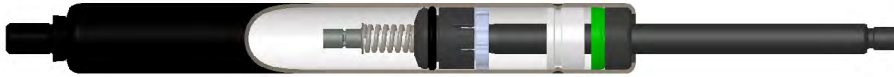
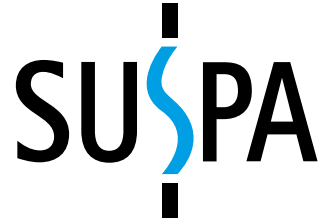


Liftline SafetyBrake SB

Safety Brake Function for Gas Springs



Gas springs from SUSPA guarantee comfortable and smooth lifting and lowering of any type of kinematic systems. With the newly developed SUSPA SafetyBrake SB, a safety brake function is integrated into our standard Liftline gas spring, so that safety in the customer application is increased many times over.

SUSPA GmbH

Industriestr. 12-14
90518 Altdorf
Germany

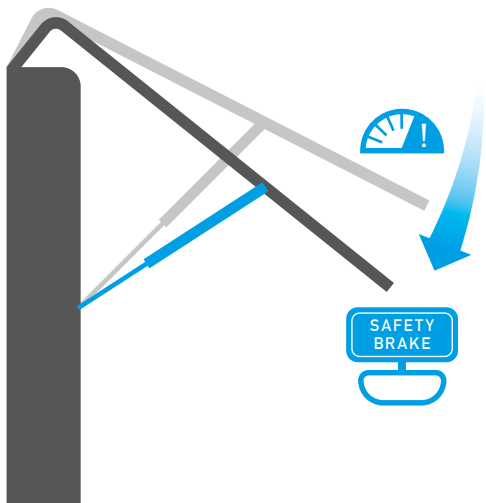
Tel. +49 9187 930 355

Fax +49 9187 930 311

infoindustry@de.suspa.com

www.suspa.com

Operating mode



Damping function

When a movement speed is exceeded, due to unexpected external influences, the integrated valve is activated and the movement is pneumatically blocked.

Overload protection

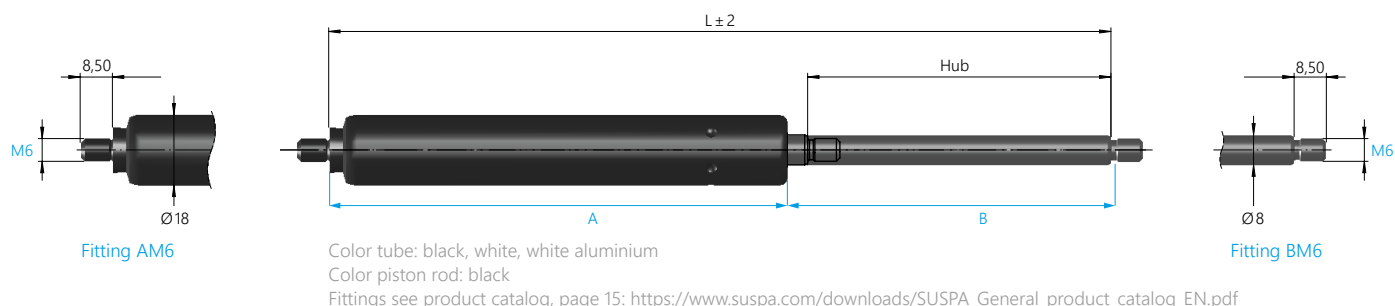
The integrated valve contains an overload function that prevents the overloading of all components (gas spring and application) in the event of blocking.

An adjustment of the blocking is still possible in case of blocking.

Advantages

- High safety thanks to blocking function
- Overload protection with simultaneous manual adjustment options
- Long lifetime

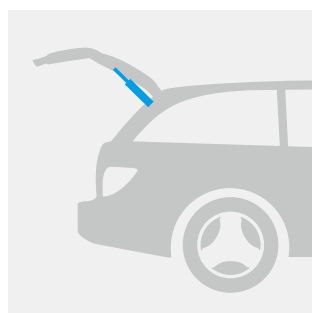
Specification of gas strut Liftline SafetyBrake SB



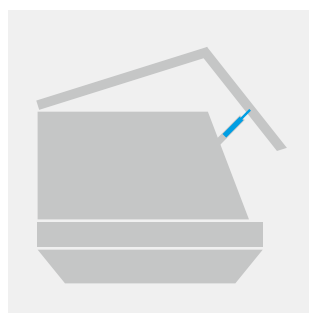
Select length, stroke and extension force

Length L (mm) ±2	Stroke (mm)	Technical data	Extension force F_1
328	100	16-2 - 178 - 150 - AM6 - BM6 -	Select the desired extension force F_1 : $250\text{ N} \leq F_1 \leq 450\text{ N}$ Please contact us for your individual layout.
367	120	16-2 - 203 - 164 - AM6 - BM6 -	
408	140	16-2 - 223 - 185 - AM6 - BM6 -	
453	155	16-2 - 253 - 200 - AM6 - BM6 -	
447.5	160	16-2 - 240 - 207,5 - AM6 - BM6 -	
489	180	16-2 - 264 - 225 - AM6 - BM6 -	
547.5	210	16-2 - 294 - 253,5 - AM6 - BM6 -	

Application examples



Car



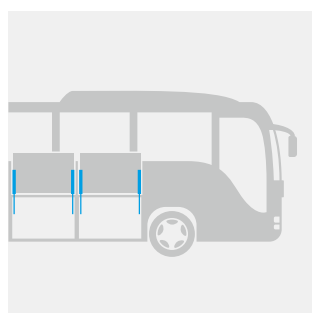
Machinery lid



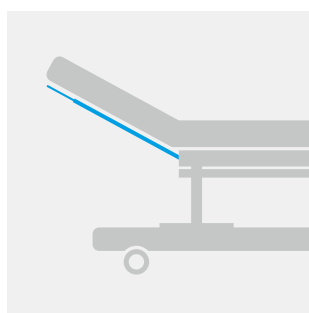
Cargo bike



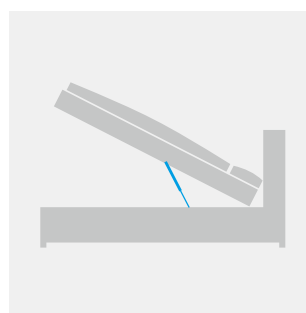
Minicar



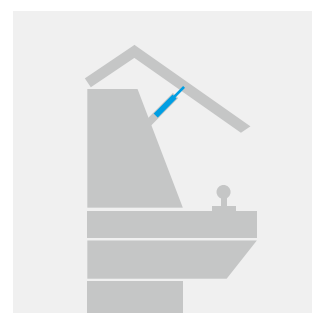
Bus



Massage couch



Bed



Slot machine