STABILUS

POWERISE®

YOUR MOTION. OUR SOLUTION.

Customer / Project Information

Company Name		**Company Website / Social Media**	
Company Address		**Project Name**	
Project Lead Name		**Project Lead Title**	
Project Lead Email		**Project Lead Phone Number**	

Application Description (Vehicle Name/Model Number, Machine Type, etc.)				
Development phase	Proof of Concept ☐	New Design ☐	Series changeover ☐	Redesign ☐
	Other *(Please Describe)* ☐			
Prototyping Schedule	Project Prototype Delivery Date		Quantity of Prototype parts	
Production Schedule	Production Release Date	Annual Quantities	Target Price per unit / system	
Legal / Certification Requirements / Norms				
Electromagnetic Compatibility requirements (EMC)				

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Application Information

Functional description of the overall system			
Existing version	Manual ☐		Pneumatics ☐
	Gas spring ☐		Hydraulics ☐
	Electric ☐		Other *(please describe):*
Supply voltage	12V ☐	24V ☐	*Note:* *Stabilus can supply a power supply (24V) for Stabilus ECU.*
Control System responsibility	Stabilus ☐	Customer ☐	
Functional requirements Control System			
Manual motion required? Yes ☑ No ☐		**Desired force to operate manually** _____ kg ☐ N ☐	
Required opening / closing time _____ sec.		**Cycle time** _____ sec.	
Lifetime / Number of cycles _____			
Operation temperature _____ °C ☐ °F ☐		**Storage temperature (if necessary)** _____ °C ☐ °F ☐	
Required protection (IP code, etc.)			

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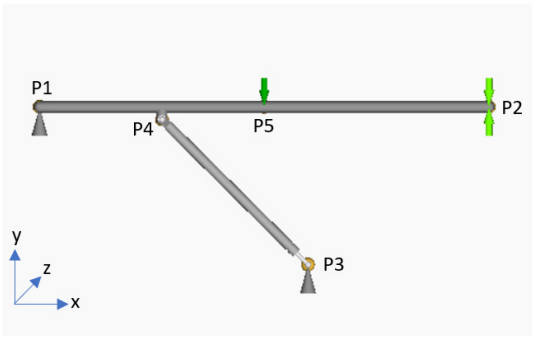
Application Information

Geometry
Kinematics (Data shown in closed position)
Example: Flap with 90° opening angle (closed position)



Points can be transferred to multiple other applications

Type of Application / Category

Positioning	☐	*high holding forces in extension and compression direction necessary*
Horizontal adjustment	☐	*low holding forces necessary*
Vertical adjustment	☐	*high holding force in compression direction necessary*

Point	Description	Coordinate / Value		
P1	Pivot point	x:	y:	z:
P2	Handle point	x:	y:	z:
P3	Fixation point frame	x:	y:	z:
P4	Fixation point flap	x:	y:	z:
P5	COG	x:	y:	z:
	Opening angle [°]			

Application weight

_____ kg ☐

Unit, please specify:

_____

Additional weights

_____ kg ☐

Unit, please specify:

_____

Use of gas spring as force support possible?

Yes ☑ No ☐

Use of Ball sockets as end-fitting possible?

Yes ☑ No ☐

2D drawings / mounting data available?

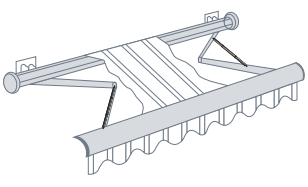
Yes ☑ No ☐

3D CAD Models / mounting data available?

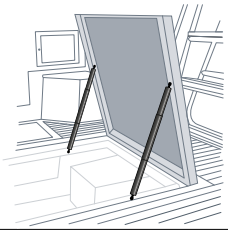
Yes ☑ No ☐

Illustratives of possible applications and market segments

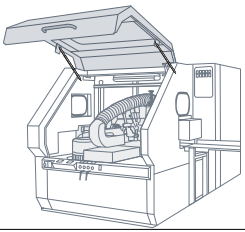
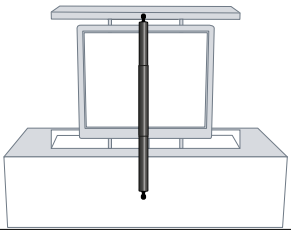
Home-Automation



Caravan, Marine, Special Vehicles



Mechanical engineering



Furniture