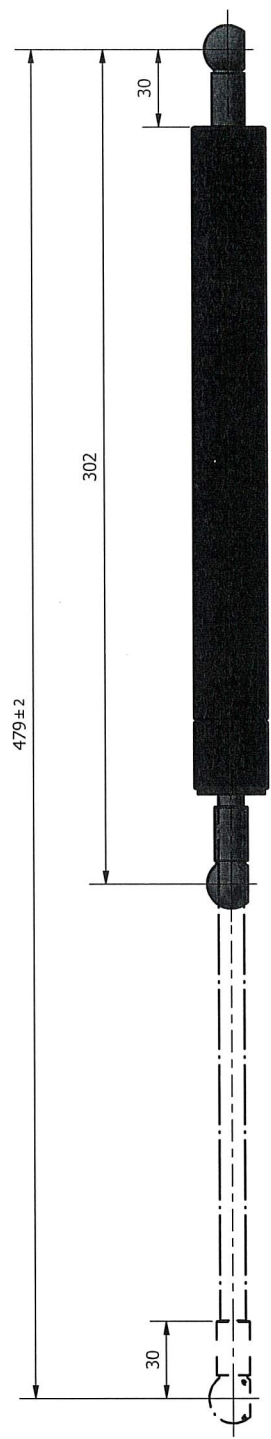


REV	DESIGNATION	REVISION DES.	DESIGNED BY	APPROVED BY	APPROVAL DATE
0		Created from G5IN003181	GS	GS	2023-01-26



Dynamic properties

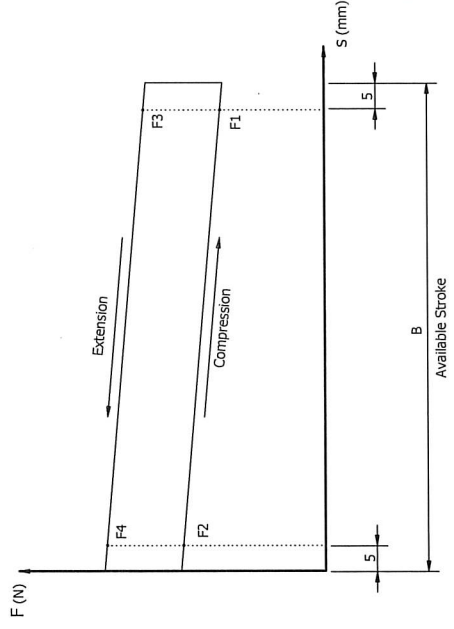
Nominal extension force	[F1]	300±30	N
Theoretical spring rate	[Kt]	~1,30	
Available stroke	[B]	MIN 172	mm

Actual spring rate at force test is defined [Kst] = F2/F1

Material and surface properties

1. Cylinder	Steel, painted black
2. Piston rod	Steel, black nitride
3. Ball cup	Steel, black chrome

A - Mechanically secured by die. Min release torque 5Nm



User information

Permissible ambient temperature -30° to 80° C. Use at the extremes of this range will affect the nominal F1-value and may lead to gradual force loss over time.
 Gas springs are pressure vessels. Never expose them to excessive heat. Damaging the cylinder or piston rod may risk user safety and application function as a consequence

For more detailed user information, kindly refer to www.lesjofors.com/g5-user-info

Art: 10447

JV 230206

Designed By	GS	Design Date	26.01.2023	Approved By	GS	Approval Date	26.01.2023
Name 28-10 T 302-172-CH29-RH29-300N							
General Tolerances		General Roughness		Status	RELEASED	Customer Part Number	
Projection		Scale	1:2	Sheet	1 / 2	Drawing Number	V55780
Size		A3	Revision		0		

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