

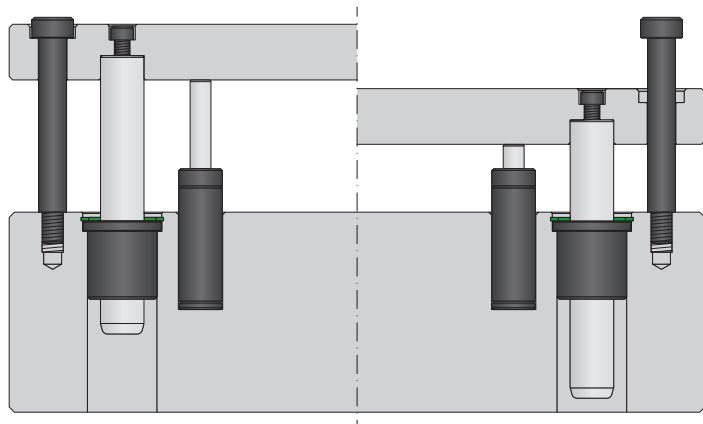
NITROGAS

Guide Rail Lifters



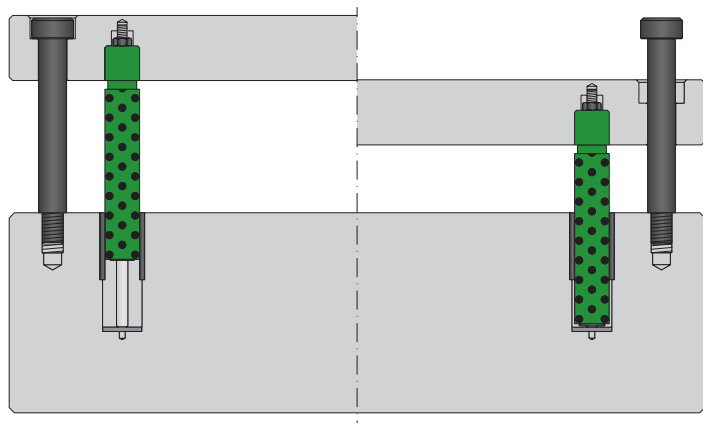
Conventional mounting

(Guide Pillar + Gas Spring + Retainer screw)



Guide Pillar - Gas Spring + Retainer screw

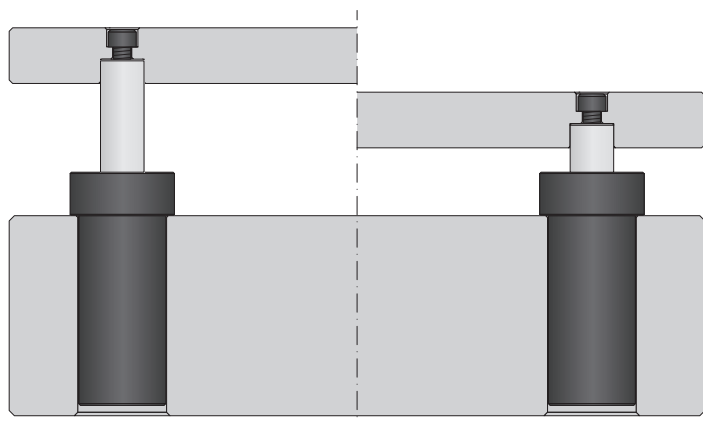
(EL + Retainer screw)



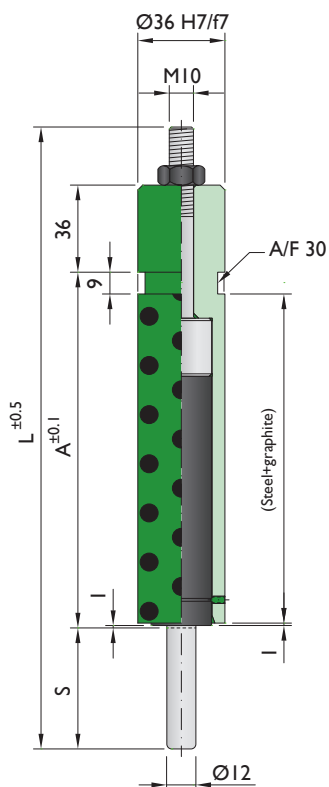
MODEL	PAGE
EL	3

Guide Pillar - Retainer - Gas Spring

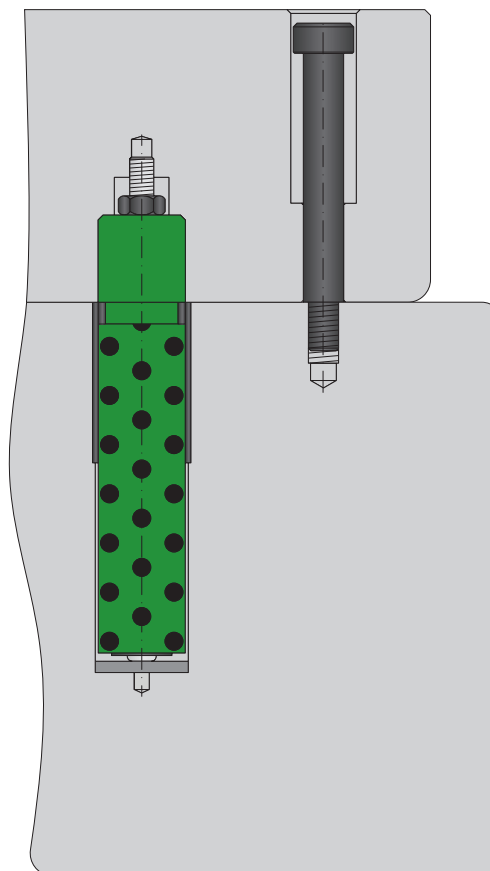
(CL-100, CL-200)



MODEL	PAGE
CL-100	4
CL-200	5



Mounting example



Ordering example: 4 x EL-5

Order No.	S ⁽¹⁾ mm	L mm	A mm	 F ₀ ⁽²⁾ daN	 F daN	P (20°C) bar	Gas Spring	Colour
EL-1	50	257	147	50	70	45	G-200-50	Green
EL-2	50	257	147	100	140	90	G-200-50	Blue
EL-3	63	310.5	185.5	50	70	45	G-200-63	Green
EL-4	63	310.5	185.5	100	150	90	G-200-63	Blue
EL-5	80	395.5	219.5	50	70	45	G-200-80	Green
EL-6	80	395.5	219.5	100	150	90	G-200-80	Blue

⁽¹⁾ other strokes under request

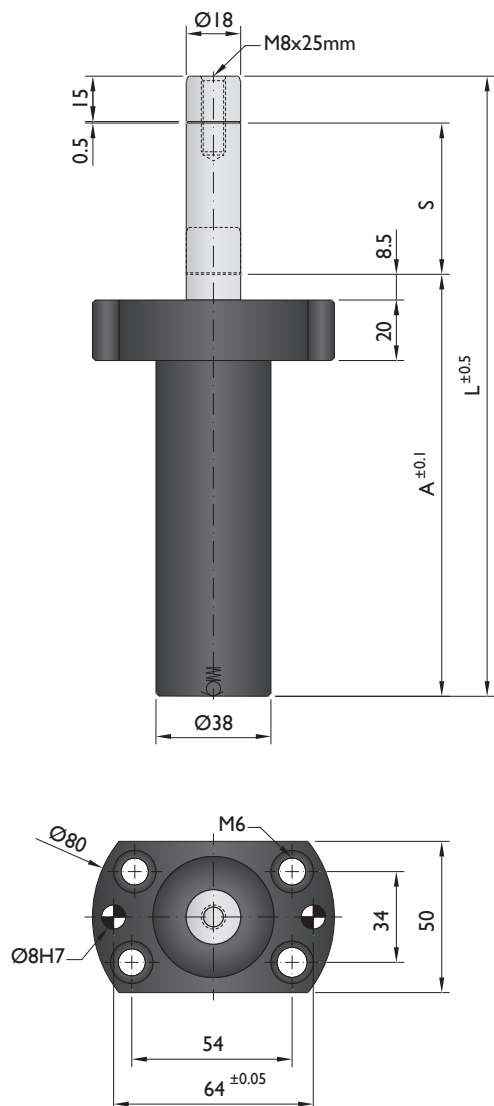
⁽²⁾ alternative forces upon request



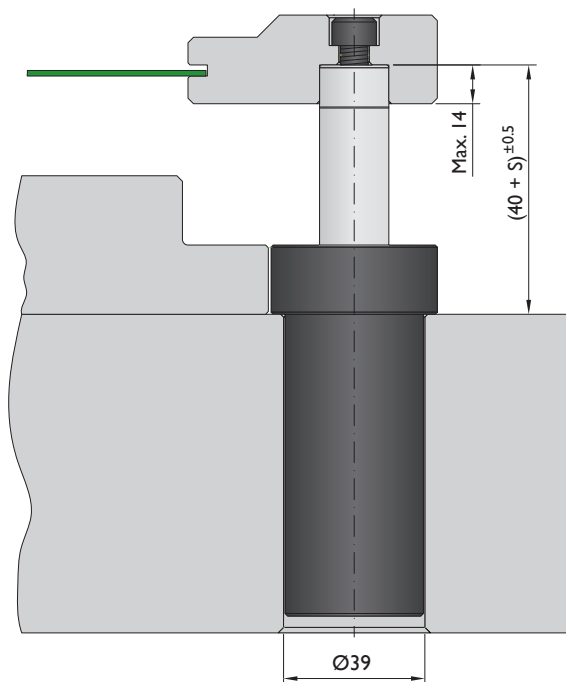
Pressure medium N₂
Max. Charging pressure 90 bar
Min. Charging pressure 25 bar

Working temperature 0-80°C
Temperatura related force increase +0.34%/°C
Max. working speed 1.6 m/s

Min. security stroke 10%
Repair Kit KIT EL
Linkable No



Mounting example



Ordering example: 4 x CL-100-50

Order No.	S ⁽¹⁾ mm	L mm	A mm	 F ₀ ⁽²⁾ daN (20°C, 40 bar)	 F daN
CL-100-25	25	135	94.5		150
CL-100-50	50	185	119.5		160
CL-100-63	63	211	132.5	100	160
CL-100-80	80	245	149.5		170
CL-100-125	125	335	194.5		180

⁽¹⁾ other strokes under request

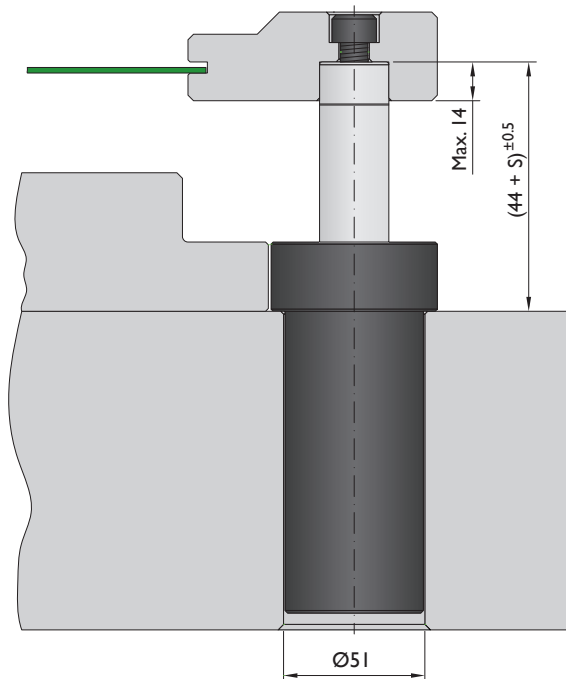
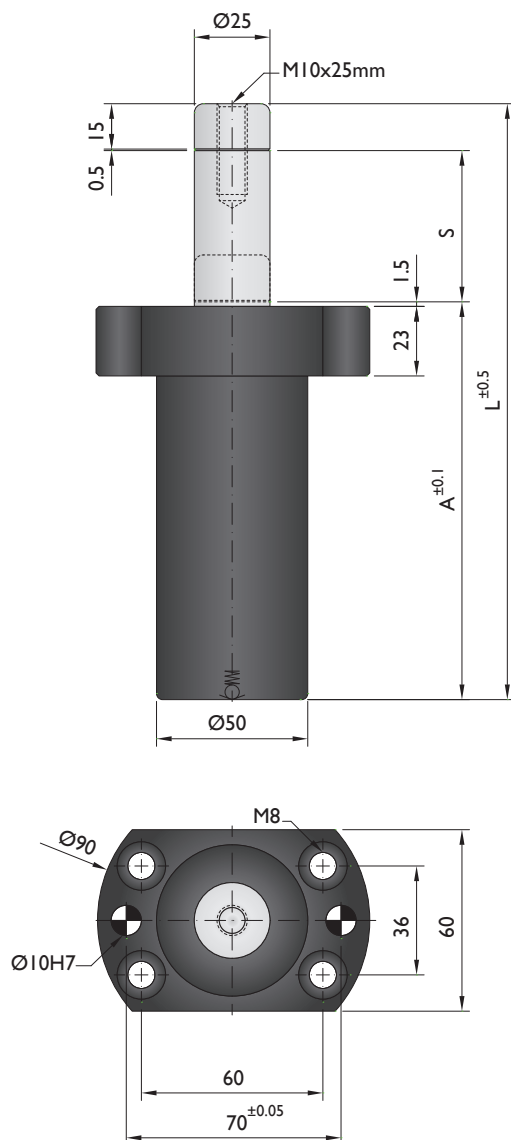
⁽²⁾ alternative forces upon request



Pressure medium N₂
Max. Charging pressure 40 bar
Min. Charging pressure 25 bar

Working temperature 0-80°C
Temperatura related force increase +0.34%/°C
Max. working speed 1.6 m/s

Min. security stroke 10%
Repair Kit KIT CL-100
Linkable No



Order No.	S ⁽¹⁾ mm	L mm	A mm	 F ₀ ⁽²⁾ daN	 F daN
(20°C, 40 bar)					
CL-200-25	25	147	106.5	200	320
CL-200-50	50	197	131.5		340
CL-200-63	63	223	144.5		340
CL-200-80	80	257	161.5		350
CL-200-125	125	347	206.5		360
CL-200-160	160	417	241.5		360

(2)
alternative forces upon request



Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	40 bar	Temperatura related force increase	+0.34%/°C	Repair Kit	KIT CL-200
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	No

NITROGAS

ISO 9001
BUREAU VERITAS
Certification



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