

# Gas springs SZ 8060.1.



### Explanation:

Steinel gas springs **SZ 8060.1** can be filled using standard nitrogen gas cylinders. Nitrogen gas is a safe, inert gas.

### Special features

- Each gas spring forms a functional closed unit (**compact unit**)
- Strong forces in a small space
- Easy to install
- No spring breakage
- Recommended stroke reserve 10%
- No mechanical pre-tension is necessary
- Easy to use
- This top series stands out thanks to its high compression force ratings and low installation heights.

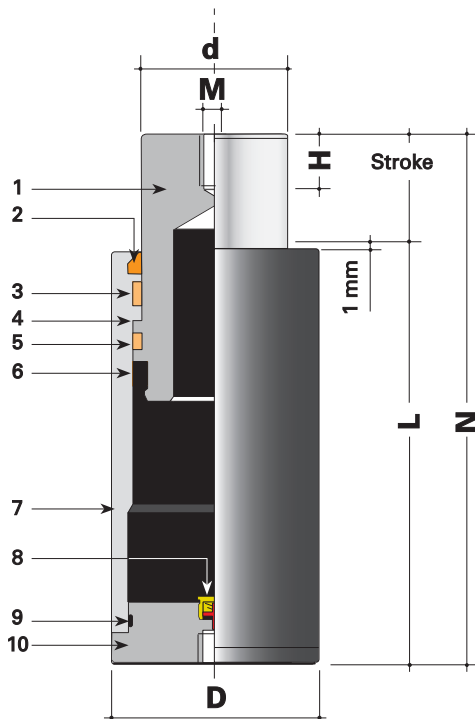
### Multiple-cylinder system

Cylinders with diameters from  $D = 38$  mm can be fitted with a sealing plug on the side for the multiple-cylinder system. However, this increases the dimensions "L" and "N" by 20 mm.

### Note!

When ordering gas springs for the multiple-cylinder system, please add a "V" to the order number. (Example **SZ 8060.1.050 x 025 V**) (price on request)

**Order example:** Gas spring **SZ 8060.1** with a diameter of 38 mm and a stroke of 25 mm  
Add **050 x 025**  
Order number **SZ 8060.1.050 x 025**



- 1 Piston rod
- 2 Oil and dirt scraper
- 3 Piston ring
- 4 Mechanical stop
- 5 Piston ring
- 6 Gas seal
- 7 Casing
- 8 High-performance valve
- 9 O-ring
- 10 Base flange




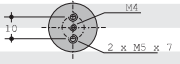

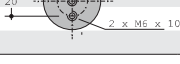
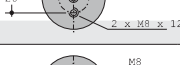
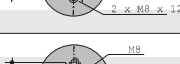

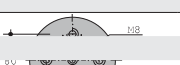



Flange for multiple-cylinder system from

# Gas springs SZ 8060.1

**STEINEL®**  
**NORMALIEN**

Add size to order number

Gas spring										Order no. SZ 8060.1. <input type="text"/> x <input type="text"/>	
D	Stroke	L	N	d	M	H				Cylinder attachment	
mm	mm	mm	mm	mm	mm	mm	bar	daN	daN		
25	10	65	75	14	M 8	12	157	400	730		025 x 010
	15	75	90								025 x 015
	25	95	120								025 x 025
	50	145	195								025 x 050
32	10	65	75	18	M 8	12	155	700	1230		032 x 010
	15	75	90								032 x 015
	25	95	120								032 x 025
	50	145	195								032 x 050
38	10	65	75	22	M 8	12	162	1000	1710		038 x 010
	15	75	90								038 x 015
	25	95	120								038 x 025
	50	145	195								038 x 050
50	10	70	80	34	M 8	12	159	2000	3400		050 x 010
	15	80	95								050 x 015
	25	100	125								050 x 025
	50	150	200								050 x 050
63	10	75	85	45	M 8	12	153	3000	4800		063 x 010
	15	85	100								063 x 015
	25	105	130								063 x 025
	50	155	205								063 x 050
75	10	75	85	55	M 8	12	142	4000	6400		075 x 010
	15	85	100								075 x 015
	25	105	130								075 x 025
	50	155	205								075 x 050
95	10	80	90	65	M 8	12	158	7000	11200		095 x 010
	15	90	105								095 x 015
	25	110	135								095 x 025
	50	160	210								095 x 050
120	10	90	100	85	M 8	12	141	10000	16000		120 x 010
	15	100	115								120 x 015
	25	120	145								120 x 025
	50	170	220								120 x 050