

Gas springs SZ 8080.1.

STEINEL
NORMALIEN



Explanation:

Steinel gas springs **SZ 8080.1.** can be filled using standard nitrogen gas cylinders. Nitrogen gas is a safe, inert gas.

Special features

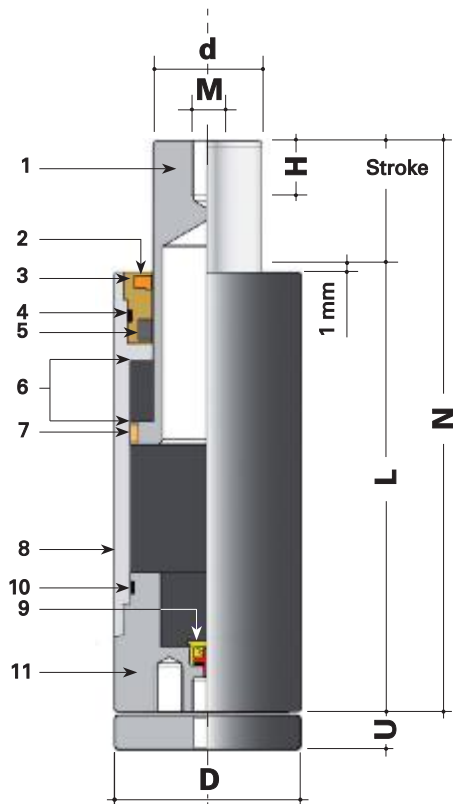
- Each gas spring forms a functional closed unit (**compact unit**)
- **Strong forces in a small space**
- **Easy to install**
- No spring breakage
- Recommended stroke reserve 10%
- No mechanical pre-tension is necessary
- **Easy to use**
- Cylinders with diameters from $D=50$ mm have a sealing plug on the side and are suitable for the multiple-cylinder system

Order example: Gas spring **SZ 8080.1.**

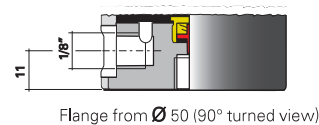
with a diameter of 50 mm and a stroke of 100 mm.

Add **050 x 100**

Order number **SZ 8080.1.050 x 100**










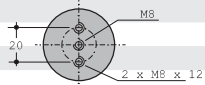
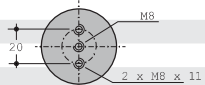
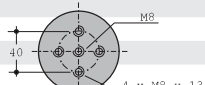
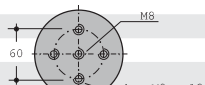
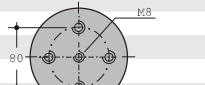
- 1 Piston rod
- 2 Oil and dirt scraper
- 3 DS holder
- 4 O-ring
- 5 Gas seal
- 6 Mechanical stop
- 7 Piston ring
- 8 Casing
- 9 High-performance valve
- 10 O-ring
- 11 Base flange



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Add
size to order number

Gas spring													Order no. SZ 8080.1. <input type="text"/> x <input type="text"/>	
D	Stroke	L	N	U	N+U	d	M	H				Cylinder attachment		
mm	mm	mm	mm	mm	mm	mm	mm	mm	bar	daN	daN			
19	10	70	80			10	M 5	7	128	100	160		019 x 010	
	15	75	90										019 x 015	
	25	85	110										019 x 025	
	50	110	160										019 x 050	
	80	140	220										019 x 080	
25	10	70	80			14	M 6	8	129	200	320		025 x 010	
	15	75	90										025 x 015	
	25	85	110										025 x 025	
	50	110	160										025 x 050	
	80	140	220										025 x 080	
32	10	60	70			18	M 8	12	137	350	560		032 x 010	
	15	65	80										032 x 015	
	25	75	100										032 x 025	
	50	100	150										032 x 050	
	80	130	210										032 x 080	
38	10	65	75			22	M 8	12	131	500	800		038 x 010	
	15	70	85										038 x 015	
	25	80	105										038 x 025	
	50	105	155										038 x 050	
	80	135**	215	5	220								038 x 080	
50	25	110	135			30	M 8	12	141	1000	1600		050 x 025	
	50	135	185										050 x 050	
	80	165	245										050 x 080	
	100	185**	285	10	295								050 x 100	
	125*	210**	335	10	345								050 x 125	
	160*	255	415										050 x 160	
	200*	295	495										050 x 200	
63	25	110	135			36	M 8	12	147	1500	2400		063 x 025	
	50	135	185										063 x 050	
	80	165	245										063 x 080	
	100	180**	280	5	285								063 x 100	
	125*	220	345										063 x 125	
	160*	255	415										063 x 160	
	200*	295	495										063 x 200	
75	25	100**	125	20	145	45	M 8	12	157	2500	4000		075 x 025	
	50	125**	175	20	195								075 x 050	
	80	155**	235	20	255								075 x 080	
	100	175**	275	25	300								075 x 100	
	125*	220**	345	5	350								075 x 125	
	160*	265	425										075 x 160	
	200*	310	510										075 x 200	
95	25	110**	135	20	155	58	M 8	12	151	4000	6400		095 x 025	
	50	135**	185	20	205								095 x 050	
	80	175**	255	15	270								095 x 080	
	100	205**	305	5	310								095 x 100	
	125*	240**	365	5	370								095 x 125	
	160*	280	440										095 x 160	
	200*	330	530										095 x 200	
120	25	120**	145	20	165	75	M 8	12	147	6500	10400		120 x 025	
	50	145**	195	20	215								120 x 050	
	80	180**	260	15	275								120 x 080	
	100	210**	310	5	315								120 x 100	
	125*	245**	370	5	375								120 x 125	
	160*	290	450										120 x 160	
	200*	340	540										120 x 200	

* Cylinders with stroke lengths from 125 mm to 200 mm, delivery time on request

** New, shorter design height; suitable washer will be included with repair or replacement deliveries

Stroke 38 and 63 on request