

State-of-the-art production sites with CNC-controlled machines are the basis for ultimate safety, quality and durability.



**Product range of the STABILUS IndustryLine gas springs**

The stock program of the STABILUS IndustryLine allows you to quickly access many gas pressure and gas tension springs in steel and stainless steel, as well as the appropriate connections and fittings.

Our sales team will be pleased to assist you in selecting the right spring for you. You can also configure your own spring. Please follow these instructions:

1. Select the appropriate product, series, material and stroke from the lists. Determine the required force and respect the force range permitted for the spring.

**Example**

Type	Stroke (H)	Length (L)	Thread	Force
<b>G 1023</b>	150 mm	345 mm	M8	100–1200 N

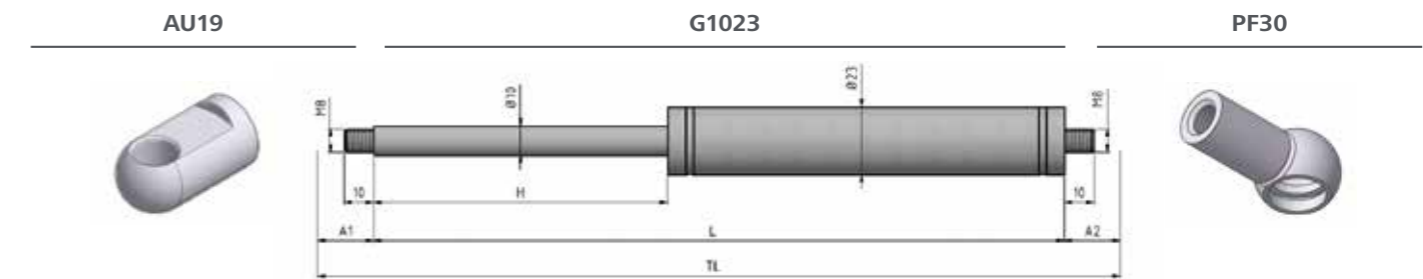
2. Select the desired connections, matching the thread of the gas spring, out of the stock program. In addition a variety of fittings (page 22–25), which can also be used to adjust the total length (TL). Add the installation length of the connections (A) to the length (L) of the gas spring.

**Example**

Type	Thread	Installation length (A)	Thickness (B)	Width (C)	Cross hole Ø (D)	Steel	AISI 303
<b>AU 19</b>	M8	19 mm	10 mm	14 mm	8.1 mm	1	1
<b>PF30</b>	M8	30 mm	13 mm	–	–	1	1

L (length gas spring) + A1(connection Rod) + A2(connection cylinder) = TL (total length). Example: 345 mm (G10-23-150 stroke) + 19 mm (AU19) + 30 mm (PF30) = 394 mm

Example of item 1 and 2

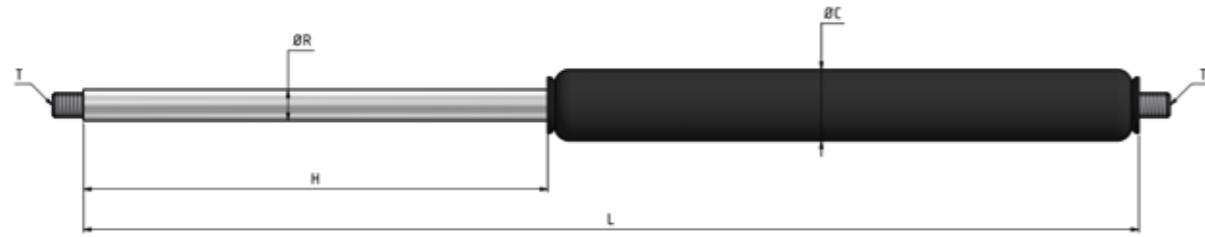


3. Congratulations: You have configured your desired gas spring. Please do not forget to order the appropriate brackets (page 27–29). Example: BC01 (for eyelet), BA20/K13 (for socket)



4. Please ask your STABILUS IndustryLine dealer for price and delivery time.

STABILUS IndustryLine stands for high quality, innovative products, as well as flexibility and speed in the implementation of your wishes.



Gas spring – Steel (piston rod: chromium-plated, cylinder: black spray coated)

Type	Ø Rod (R)	Ø Cylinder (C)	Stroke (H)	Length (L)	Thread (T) on both sides	Force
G 04 12	4 mm	12 mm	30 mm	92 mm	M3,5 x 5 mm	10–180N
G 04 12	4 mm	12 mm	50 mm	132 mm	M3,5 x 5 mm	10–180N
G 04 12	4 mm	12 mm	60 mm	152 mm	M3,5 x 5 mm	10–180N
G 04 12	4 mm	12 mm	80 mm	192 mm	M3,5 x 5 mm	10–180N
G 04 12	4 mm	12 mm	100 mm	232 mm	M3,5 x 5 mm	10–180N
G 04 12	4 mm	12 mm	120 mm	272 mm	M3,5 x 5 mm	10–180N
G 04 12	4 mm	12 mm	150 mm	332 mm	M3,5 x 5 mm	10–180N

Type	Ø Rod (R)	Ø Cylinder (C)	Stroke (H)	Length (L)	Thread (T) on both sides	Force
G 06 15	6 mm	15 mm	50 mm	132 mm	M5 x 5 mm	40–400N
G 06 15	6 mm	15 mm	60 mm	152 mm	M5 x 5 mm	40–400N
G 06 15	6 mm	15 mm	80 mm	192 mm	M5 x 5 mm	40–400N
G 06 15	6 mm	15 mm	100 mm	232 mm	M5 x 5 mm	40–400N
G 06 15	6 mm	15 mm	120 mm	272 mm	M5 x 5 mm	40–400N
G 06 15	6 mm	15 mm	150 mm	332 mm	M5 x 5 mm	40–400N
G 06 15	6 mm	15 mm	200 mm	432 mm	M5 x 5 mm	40–400N

Type	Ø Rod (R)	Ø Cylinder (C)	Stroke (H)	Length (L)	Thread (T) on both sides	Force
G 08 19	8 mm	19 mm	50 mm	145 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	60 mm	165 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	80 mm	205 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	100 mm	245 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	120 mm	285 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	150 mm	345 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	160 mm	365 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	200 mm	445 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	250 mm	545 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	300 mm	645 mm	M8 x 10 mm	50–700N

Type	Ø Rod (R)	Ø Cylinder (C)	Stroke (H)	Length (L)	Thread (T) on both sides	Force
G 10 23	10 mm	23 mm	100 mm	245 mm	M8x10 mm	100–1200N
G 10 23	10 mm	23 mm	150 mm	345 mm	M8x10 mm	100–1200N
G 10 23	10 mm	23 mm	200 mm	445 mm	M8x10 mm	100–1200N
G 10 23	10 mm	23 mm	250 mm	545 mm	M8x10 mm	100–1200N
G 10 23	10 mm	23 mm	300 mm	645 mm	M8x10 mm	100–1200N
G 10 23	10 mm	23 mm	350 mm	745 mm	M8x10 mm	100–1200N
G 10 23	10 mm	23 mm	400 mm	845 mm	M8x10 mm	100–1200N

Type	Ø Rod (R)	Ø Cylinder (C)	Stroke (H)	Length (L)	Thread (T) on both sides	Force
G 14 28	14 mm	28 mm	100 mm	248 mm	M10 x 12 mm	150–2500N
G 14 28	14 mm	28 mm	150 mm	348 mm	M10 x 12 mm	150–2500N
G 14 28	14 mm	28 mm	200 mm	448 mm	M10 x 12 mm	150–2500N
G 14 28	14 mm	28 mm	250 mm	546 mm	M10 x 12 mm	150–2500N
G 14 28	14 mm	28 mm	300 mm	648 mm	M10 x 12 mm	150–2500N
G 14 28	14 mm	28 mm	350 mm	748 mm	M10 x 12 mm	150–2500N
G 14 28	14 mm	28 mm	400 mm	848 mm	M10 x 12 mm	150–2500N
G 14 28	14 mm	28 mm	450 mm	948 mm	M10 x 12 mm	150–2500N
G 14 28	14 mm	28 mm	500 mm	1048 mm	M10 x 12 mm	150–2500N

Gas spring – Stainless Steel 303 (piston rod: AISI 303, cylinder: AISI 304)

Type	Ø Rod (R)	Ø Cylinder (C)	Stroke (H)	Length (L)	Thread (T) on both sides	Force
G 06 15	6 mm	15 mm	80 mm	192 mm	M5 x 7 mm	40–400N
G 06 15	6 mm	15 mm	100 mm	232 mm	M5 x 7 mm	40–400N
G 06 15	6 mm	15 mm	150 mm	332 mm	M5 x 7 mm	40–400N

Type	Ø Rod (R)	Ø Cylinder (C)	Stroke (H)	Length (L)	Thread (T) on both sides	Force
G 08 19	8 mm	19 mm	80 mm	205 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	100 mm	245 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	120 mm	285 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	150 mm	345 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	200 mm	445 mm	M8 x 10 mm	50–700N
G 08 19	8 mm	19 mm	250 mm	545 mm	M8 x 10 mm	50–700N

Type	Ø Rod (R)	Ø Cylinder (C)	Stroke (H)	Length (L)	Thread (T) on both sides	Force
G 10 23	10 mm	23 mm	100 mm	245 mm	M8 x 10 mm	100–1200N
G 10 23	10 mm	23 mm	150 mm	345 mm	M8 x 10 mm	100–1200N
G 10 23	10 mm	23 mm	200 mm	445 mm	M8 x 10 mm	100–1200N
G 10 23	10 mm	23 mm	250 mm	545 mm	M8 x 10 mm	100–1200N
G 10 23	10 mm	23 mm	300 mm	645 mm	M8 x 10 mm	100–1200N
G 10 23	10 mm	23 mm	350 mm	745 mm	M8 x 10 mm	100–1200N
G 10 23	10 mm	23 mm	400 mm	845 mm	M8 x 10 mm	100–1200N

You could not realize your desired gas spring with our stock program? No problem. Our warehouse program is only a small part of our product portfolio. Send us your ideas, data about the product, or your application. We support you in the design of the appropriate gas spring, and manufacture the right product for you quickly and cost-effectively.