

Traction

The working principle of the GT-Lift is the opposite of the Lift type gas spring. While the Lift type gas spring is always prepared to extend (i.e. to open lid and covers) the GT-Lift's function is to retract itself, in other words the gas pressure inside the tube pulls the piston rod inward. In its resting position, the spring is compressed; the piston rod must be pulled to extend it. GT-Lift gas springs are great for use on doors, lids, hatches and hoods that need to stay closed.



Basis

GT-Lift gas springs are having a standard fast extension speed. GT-Lift gas springs should be mounted with the piston rod pointing upwards. Standard GT-Lift gas springs are without damping.

T- Lift with valve

Depending on the GT-Lift group the valve is either on the piston rod or on the tube end. The valve enables releasing of the gas pressure if necessary.



T-Lift gas springs with protection tube

Protection tubes are used to protect the piston rod against shocks, dirt and all kinds of scratches which are affecting the lifetime of the gas spring.

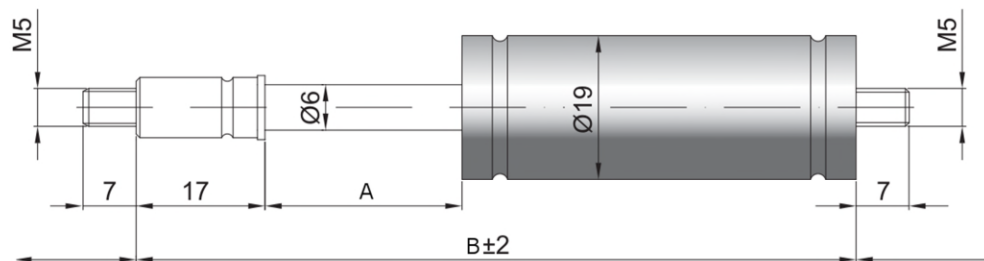
T-Lift with end damping option.

Standard T-Lift gas springs are without damping. T-Lift with damping option is available on request.

Inox T-Lift (Stainless Steel T-Lift)

T-Lift type gas springs are also available in stainless steel for superior corrosion protection.





Standard	
A	B
30	160
50	200
60	220
70	240
80	260
100	300
120	340
140	380
150	400
180	460
200	500
250	600
300	700

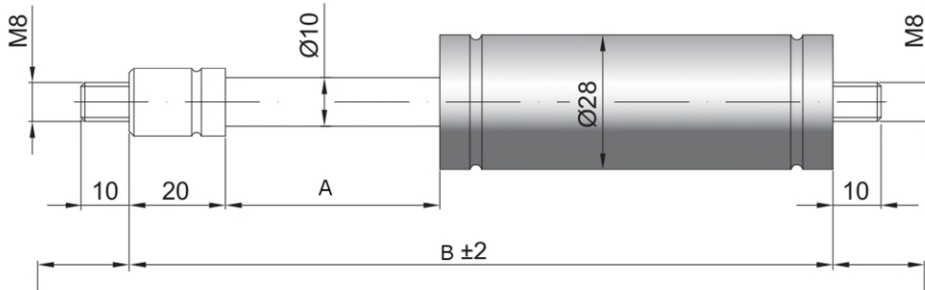
Extras	See p.
Protection tube	52
Speciale damping	55
Special extension speed	53-54
Other	57
Speciale length	31
Fittings	58-63

A: 30 min. – 300 max.

F1(N): min. 30N / max. 330N

Progression : 10%

Ordering Example							
Z06/19	-	A	-	C	-	GZ	-
						GZ	-
						F1	-
						Extra	
							Force in Newton
							Fitting on cylinder
							Fitting on piston rod
							C – Extended length
							A – Stroke
							Group



Standard	
A	B
20	140
50	200
60	220
70	240
80	260
100	300
110	320
120	340
130	360
150	400
160	420
180	460
200	500
210	520
220	540
250	600
260	620
300	700
350	800
360	820
400	900
500	1100
600	1300

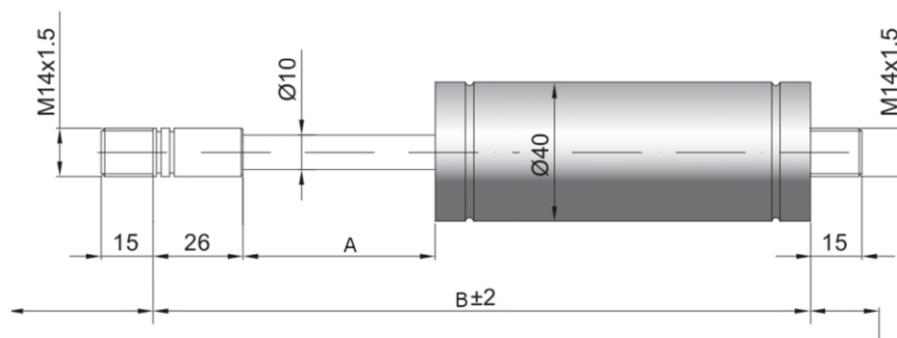
Extras	See p.
Protection tube	52
Special damping	55
Special extension speed	53-54
Other	57
Special length	31
Fittings	58-63

A: 20 min. – 600 max.

F1(N): min. 150N / max. 1200N

Progression : 20%

Ordering Example												
Z10/28	-	A	-	C	-	GZ	-	GZ	-	F1	-	Extra
The diagram illustrates the hierarchical breakdown of the code 'Z10/28 - A - C - GZ - GZ - F1 - Extra'. It features a series of horizontal lines representing the code segments, with vertical leader lines extending downwards to descriptive text. The segments are: 'Z10/28' (Group), 'A' (Stroke), 'C' (Extended length), 'GZ' (Fitting on piston rod), 'GZ' (Fitting on cylinder), 'F1' (Force in Newton), and 'Extra'.												
Force in Newton												
Fitting on cylinder												
Fitting on piston rod												
C – Extended length												
A – Stroke												
Group												



Standard	
A	B
10	170
40	230
50	250
60	270
70	290
90	330
100	350
110	370
120	390
140	430
150	450
170	490
190	530
200	550
210	570
240	630
250	650
290	730
340	830
350	850
390	930
440	1030
490	1130
590	1330

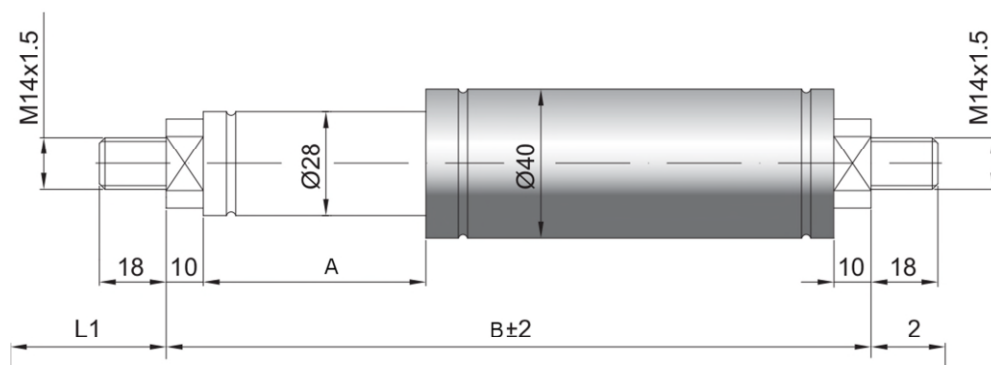
Extras	See p.
Protection tube	52
Special damping	55
Special extension speed	53-54
Other	57
Special length	31
Fittings	58-63

A: 10 min. – 590 max.

F1(N): min. 200N / max. 2000N

Progression : 40%

Ordering Example						
Z10/40	-	A	-	C	-	GZ - GZ - F1 - Extra
						Force in Newton
						Fitting on cylinder
						Fitting on piston rod
						C – Extended length
						A – Stroke
						Group



Standard	
A	B
50	250
80	325
100	375
120	425
150	500
200	625
250	750
300	875
350	1000
400	1125
450	1250
500	1375
600	1625
700	1875

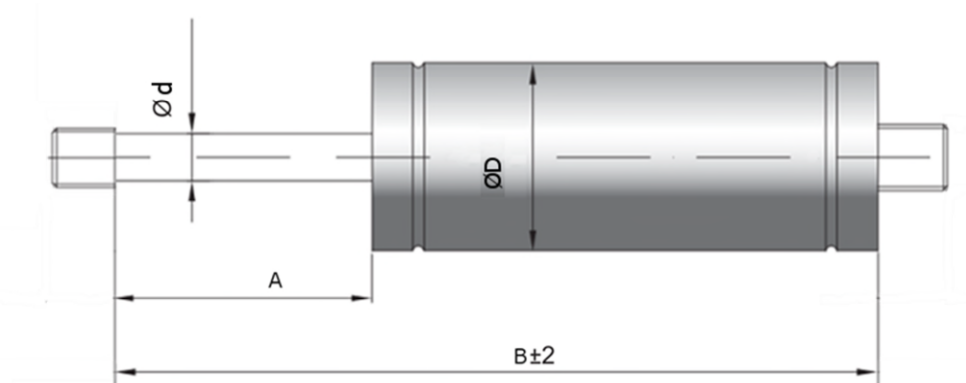
Extras	See p.
Protection tube	52
Special damping	55
Special extension speed	53-54
Other	57
Special length	31
Fittings	58-63

A: 50 min. – 700 max.

F1(N): min. 500N / max. 5000N

Progression : 40%

Ordering Example							
Z28/40	-	A	-	C	-	GZ	-
						GZ	-
						F1	-
						Extra	
							Force in Newton
							Fitting on cylinder
							Fitting on piston rod
							C – Extended length
							A – Stroke
							Group



Ød	ØD	Group	A	B	Force F1	Progression
8	18	GT 8/18	10 – 250	2 x A + 64	50 – 500	Min. % 25
8	22	GT 8/22	10 – 250	2 x A + 64	50 – 500	Min. % 15
10	28	GT 10/28.A	50 – 700	2 x A + 95	150 – 1200	Min. % 20
10	28	GT 10/28.B	50 – 500	2 x A + 95	150 – 1200	Min. % 60
14	40	GT 14/40	10 – 650	2 X a + 125	200 – 2000	Min. % 20
28	40	GT 28/40	10 – 650	2,5 x A + 125	500 – 5000	Min. % 40

You can find the available fittings on the pages below:

Group	P.
GT 8/18	61-70
GT 8/22	
GT 10/28.A	
GT 10/28.B	
GT 14/40	
GT 28/40	

Ordering Example							
GT10/28.A	-	A	-	C	-	GZ	-
						GZ	-
						F1	-
							Extra
							Force in Newton
							Fitting on cylinder
							Fitting on piston rod
							C – Extended length
							A – Stroke
							Group