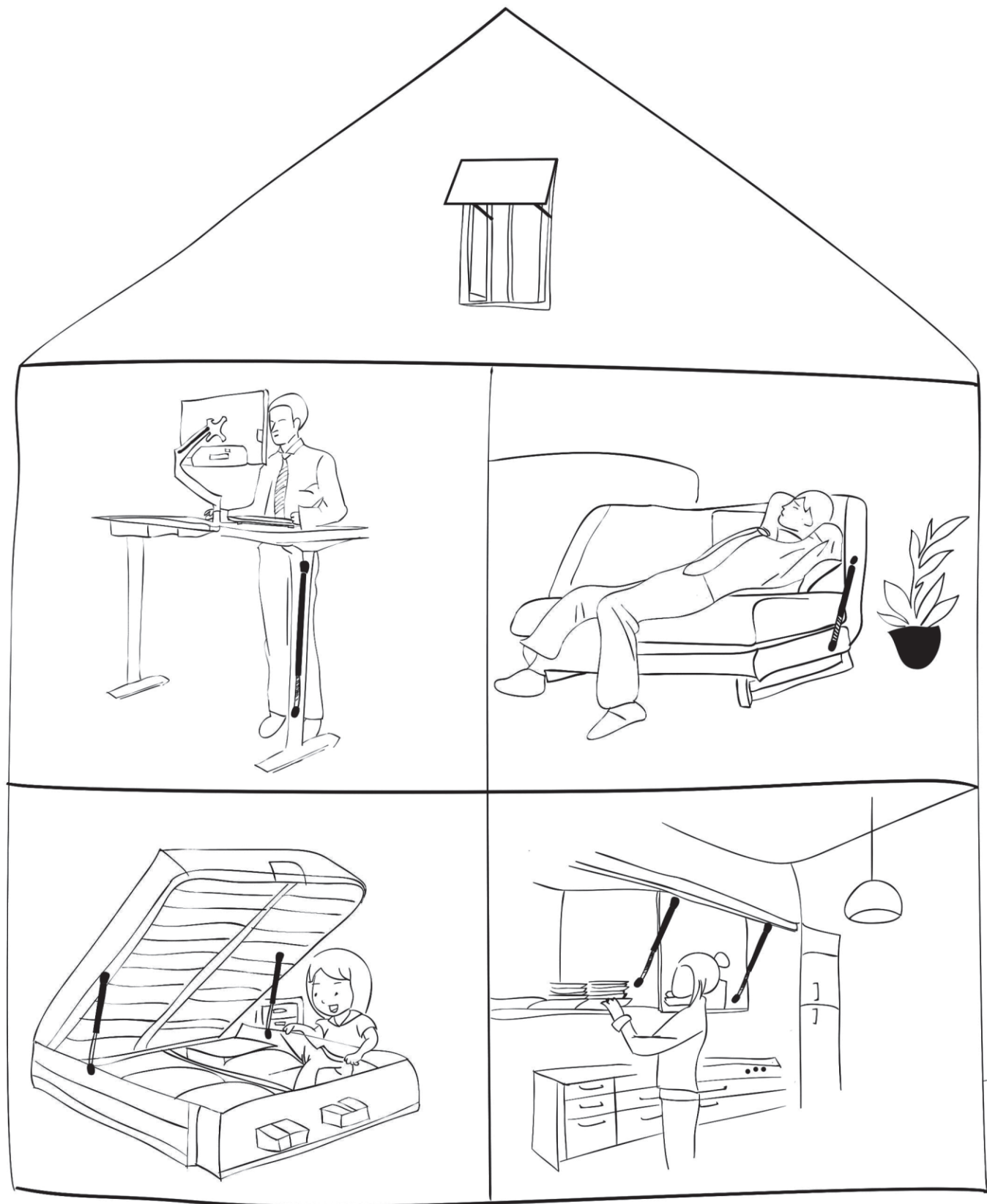
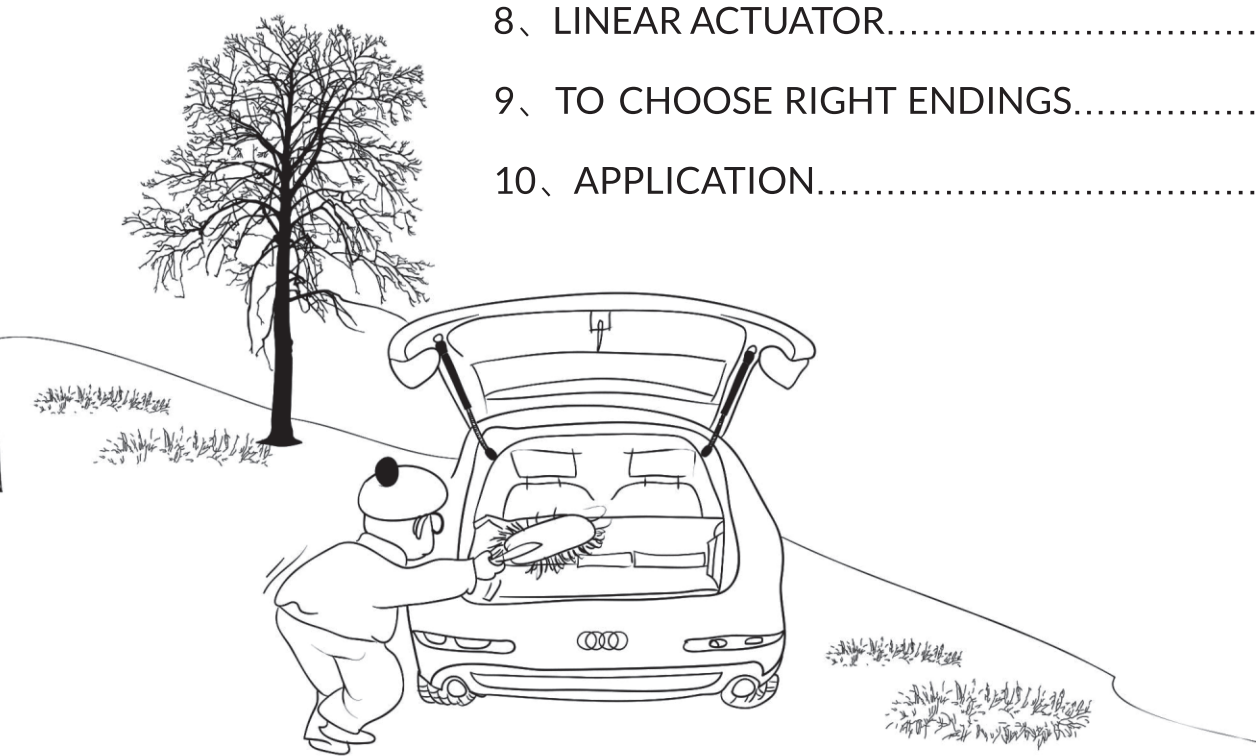




LONGXIANG PRODUCTS
SAFETY AND SECURITY

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PROVIDE YOU WITH THE PERFECT SOLUTION

WE CAN PROVIDE YOU ALL KINDS OF HIGH QUALITY GAS SPRINGS

ChangZhou LongXiang Gas Spring Co.,Ltd is high-tech company in Jiangsu Province and has a number of national patents. The company is located in the Wujin Hi-tech Industrial Zone, Changzhou city, Jiangsu Province which has complete facilities and convenient transportation advantage. It is about 40 minutes from Changzhou airport to our company and about 1 hour from Nanjing international airport to our company.

The company covers an area of more than 27000m² which has the modernized standard production workshop. There are 258 employees, more than 20 technicians.

We will provide customized specification for custom gas spring.



01 OUR PRODUCTS

LX has developed 6 series of gas springs, with more than 1000 specifications. The function of products: support, free stop, positioning, dampening, angle locking adjustable. Our company specialized in the supporting production of high-end gas spring, and have a independent research and development laboratory and R&D team, it can meet the customized requirements of customers. Our products are widely used in automotive, high-speed rail, high-end furniture, medical, mechanical equipment and other industries.

02 OUR QUALITY

LX has many years of experience in the production of gas spring has cooperated with several gas spring companies in United States, Australia and many other companies. LX adopts advanced foreign technology, and quality control management system to ensure the product quality. It has a full range of testing equipment, through multiple testing process to ensure that each gas spring have been tested before leaving the factory. The company was authorized by IOS/TS 16949,passed TUV fatigue test of 180000 times, SGS certificate which meet EURO standard ROHS; our company produces 7 million pieces per year and 60% in exporting. We insist on doing business with high quality!

03 OUR SERVICE

Our company has good pre-sales and after-sales service and professional technical team, a large number of stock and a variety of specifications to choose from. We will supply the gas spring which is most suitable for your products. Please feel free to contact us if you need to design the gas spring, or if you are not satisfied with the function of your gas springs, We will give you a reasonable solution.

GAS SPRING

IMPORTANT INSTALLATION NOTES

01 LIFT GAS SPRING

Lift gas spring is also named free gas spring which is the most popular and widely used gas spring. Its main purpose is to lift goods. It has only two conditions: the shortest and the longest. It can not automatically stop during the procession. It's the longest when free and short pressed by force and can even reach the shortest.

02 LOCKABLE GAS SPRING

Lockable gas springs can be locked anywhere along the complete stroke. By pushing the release pin, the piston valve opens allowing gas or oil to flow through the piston and the piston rod extends or can be pushed in. When the release pin is no longer being pushed, the valve closes independently and the piston rod is locked in the desired position. When the locking force is exceeded, the locking function is no longer given.

03 SHOCK ABSORBER

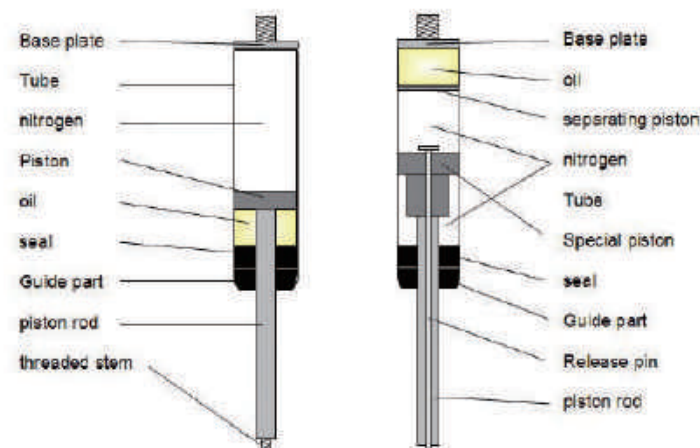
Shock absorbers are mostly used in front forks of bicycles and have the function of shock absorption and buffering. This is a new product that works better than ordinary shock absorber.

04 GAS TRACTION SPRING

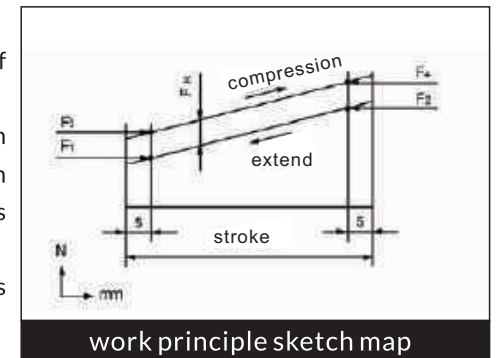
It's a special gas spring, the basic position of gas traction springs is with inserted piston rod. On usually situation, it's short (standard situation). When giving pulling force, it will move to the longest position. When release force, it will retract to the shortest position.

05 SS316 GAS SPRING

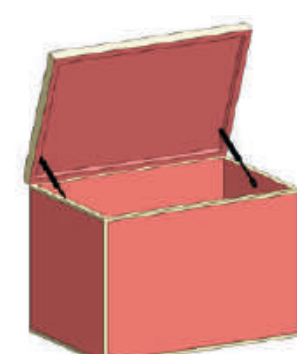
This product is made of SS316, include cylinder, piston rod, endings and so on. Mostly used in yacht, outdoor, seaside and damp environment. Especially in the medical equipment, food machinery and other products for high rust and corrosion protection requirements, salt fog test for more than 500 hours.



- 1、The piston rod of the gas spring must be installed downwards and shall not be inverted, thus reducing friction and ensuring the best quality of damping and cushioning performance.
- 2、The installation position of the pivot point is ensured that the gas spring can work correctly. Gas spring must be installed in right way that means when it's closed, move it through the center line of the structure. If not, the gas spring will automatically push the door open.
- 3、Gas springs should not be subjected to tilting or transverse forces during the work. Can't be used as handrails.
- 4、In order to ensure the tightness, the finishing of piston rod can not be damaged, paint and chemicals are strictly forbidden to paint on the piston rod, and the installation of gas spring is not allowed. The finish of piston rod shall not be damaged in any way, if the surface is damaged, the gas spring is scrapped.
- 5、Gas spring is high pressure product, it's strictly forbidden to dissect, fire and breaking.
- 6、The piston rod of the air spring is strictly prohibited to rotate to the left. If the joint is to be adjusted, it can only be rotated to the right.
- 7、The temperature of environment: from -35°C to $+70^{\circ}\text{C}$. (Specific: from -50°C to $+250^{\circ}\text{C}$)
- 8、Install point should be flexible rotation, no stuck phenomenon.
- 9、Choose the right size, the size of the force should be appropriate.
- 10、Gas spring at pressure above 300N, do not press directly with your hands. Because the contact point is too small and difficult to compress, it need to be installed on the product before compression.



Installation method I

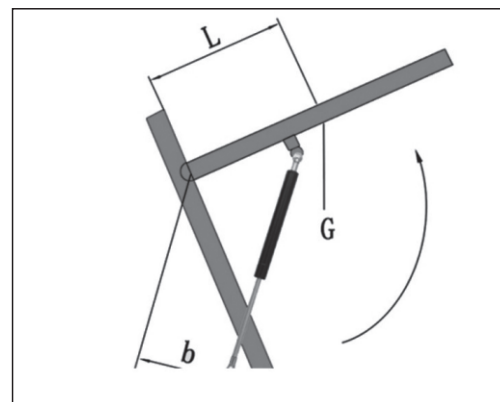


Installation method II

TO CHOOSE RIGHT PRESSUE

INSTALLATION POSITION REFERENCE

- F1 — Min Force
G — Gravity
L — The distance from the Center of Gravity to the center of rotation
b — When the gas spring extend. The effective arm of force
n — The quantity of gas spring.
k — The safety coefficient, generally k=1.1, can be discussed by buyers and sellers.

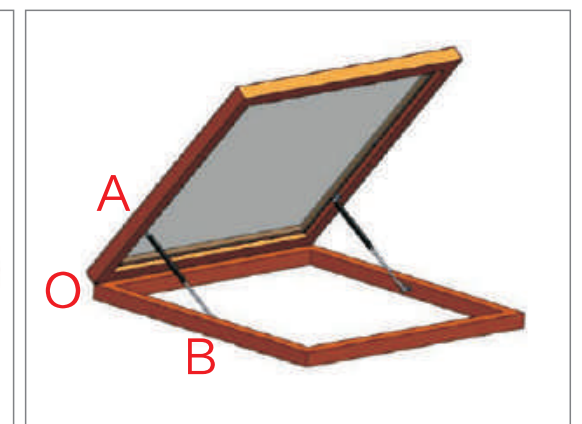
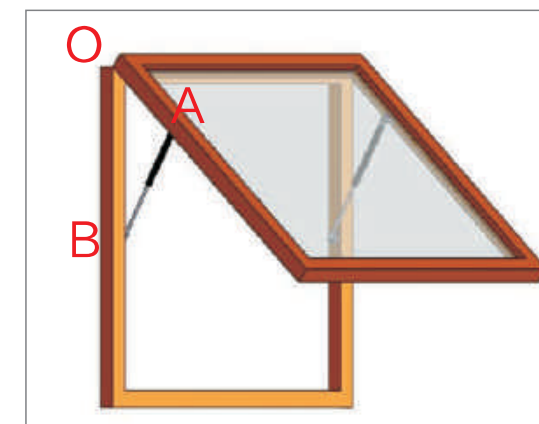


For Example:

One Object, the heavy (G) is 300N. The distance from the Center of Gravity to the center of rotation (L) is 400N, The effective arm of force (b) is 200mm, use 2 gas spring(n) , the force is:

$$F1 = \frac{GL}{bn} \times K = \frac{300 \times 400}{200 \times 2} \times 1.1 = 330(N)$$

When design the Gas spring ,we should consider the temperature, the temperature changes 1℃, the extend force of will be changed approximately is 2 ‰ ~ 3 ‰



Two ways you can choose to install:

- I : AO < OB longxiang
- II : OB > AO longxiang

- ★ First, make sure of the A、B spot, calculates the gas spring 's general stroke:
AB length(open the box cover) – A'B' length (closed the box cover) = gas spring stroke;
- ★ Then, calculate again ,make sure the stroke is suitable or not.
gas spring stroke×2+80MM= AB length(open the box cover)

Note: If the result is lengther than AB(open the box cover), you need to move A point approached to O point or B point approached to D point:Increased AB length, means increased gas spring's length. LongXiang gas spring.

GAS SPRING SERIES



01

LIFT GAS SPRING

GAS SPRING WITH EYELET

		
02-Gas spring with screws Free to choose different endings	36-Inside screw lift gas spring Inside screws for piston, can hold very high pressure	47-Eyelet for lift gas spring Applied more in electron industry
		
52-Eyelet gas spring Applied more in industry	62-Mini gas spring D=12*4mm and 10*3mm, F≥10N	66-Eyelet gas spring Applied more in industry

APPLICATION



GAS SPRING WITH METALBALL



07-Small metal ball gas spring
Very solid and corrosion resistance



08-QPQ rod lift gas spring
QPQ piston rod,corrosion resistance



31-Electroplate ball gas spring
Mostly used in automobile and furniture

APPLICATION



GAS SPRING WITH NYLON BALL



11-Nylon neck ball lift gas spring
Gas spring for automobile, industrial ,toolbox and so on



12-Removable nylon ball gas spring
Removable ends and flexible installation



19-Nylon ball lift gas spring
Angle ending for special installation requests



20-Plastic ball with brackets gas spring
Plastic ends can be used with a variety of brackets



30-Nylon ball for lift gas spring
Suitable for industrial and automobile



37-Small ball for lift gas spring
Applied in industry and electronic industry

APPLICATION



GAS SPRING WITH OTHER ENDS



28-Clevis lift gas spring
Mostly used in equipment and machines



39-Safe protection gas spring
With safety device to avoid the failure to fall



44-Rust avoid gas spring
Dustproof



63-Furniture lift gas spring
Ending can be replaced for lid of box



64-T brackets gas spring
Mainly used in equipment, furniture, advertising light boxes

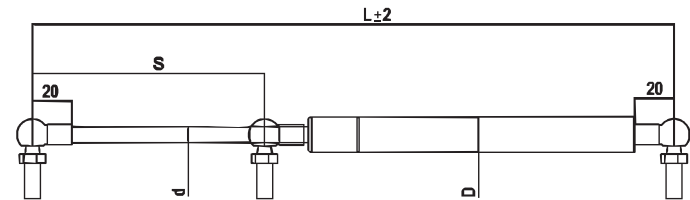


65-U endings for lift gas spring
Good surface look and mostly used in furniture

APPLICATION



LIFT GAS SPRING



PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE(S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)
YQL001	113	30	35N	12	4
YQL002	160	50	50N	12	4
YQL003	219	80	40N	12	4
YQL004	160	40	50N	15	6
YQL005	191	50	240N	15	6
YQL006	195	60	100N	15	6
YQL007	200	60	60N	15	6
YQL008	200	60	250N	18	8
YQL009	200	60	200N	18	8
YQL010	200	40	500N	22	10
YQL011	200	50	660N	22	10
YQL012	206	60	530N	22	10
YQL013	220	65	75N	15	6
YQL013-1	220	70	280N	18	8
YQL014	223	70	250N	18	8
YQL015	230	70	40N	15	6
YQL016	235	70	300N	18	8
YQL017	238	80	200N	18	8
YQL018	245	70	190N	15	6
YQL019	247	80	250N	18	8
YQL020	247	90	30 60 80 100 120 150 180N	15	6
YQL021	247	90	30 60 80 100 120 150 180N	15	6
YQL022	250	85	50N	18	8
YQL023	253	85	475N	18	8
YQL024	260	60	200N	18	8
YQL025	278	100	250N	18	8
YQL026	280	100	90 100N	15	6
YQL027	280	100	150N 250N	18	8
YQL028	280	95	600N	22	10

PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)	PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)
YQL029	280	95	900N 1350N	25	12	YQL065	450	150	300N	22	10
YQL030	285	100	300N	18	8	YQL066	475	200	200N	18	8
YQL031	285	100	250N	18	8	YQL067	478	200	280N	18	8
YQL032	295	100	800N 1200N	22	10	YQL068	480	185	300N	18	8
YQL033	300	100	200N	18	8	YQL069	500	200	300N	18	8
YQL034	300	90	150N	22	10	YQL070	500	200	200N 300N 500N 700N	22	10
YQL035	305	105	80N	18	8	YQL071	500	180	200N 300N 500N 700N	22	10
YQL036	310	110	400N	22	10	YQL072	500	208	550N	22	10
YQL037	315	115	150N	18	8	YQL073	510	210	130 200 260N	18	8
YQL038	318	120	200N	18	8	YQL074	515	175	180N	22	10
YQL039	318	90	230N	22	10	YQL075	518	220	320N	18	8
YQL040	320	120	100N	15	6	YQL076	525	200	150N 450N	18	8
YQL041	320	115	150N	18	8	YQL077	525	200	500N	22	10
YQL042	325	120	300N	22	10	YQL078	525	210	120N	22	10
YQL043	330	120	40N	15	6	YQL079	530	220	300N	22	10
YQL043-1	330	120	135N	18	8	YQL079-1	530	200	600N	22	10
YQL044	350	135	100N	15	6	YQL080	540	220	150N	18	8
YQL045	350	130	150N	18	8	YQL081	550	220	300N	18	8
YQL046	350	135	260N	18	8	YQL082	558	240	350N	18	8
YQL047	350	130	200N	22	10	YQL083	570	225	450N	18	8
YQL048	358	140	220N	18	8	YQL084	570	225	450N	22	10
YQL049	360	145	50N	15	6	YQL085	598	260	500N	18	8
YQL050	360	120	180N	22	10	YQL086	600	240	400N 600N	22	10
YQL051	380	140	100N	15	6	YQL087	600	254	450N	22	10
YQL052	380	140	70N	18	8	YQL088	610	250	280N	18	8
YQL053	380	150	50N	18	8	YQL089	620	215	1000N	25	12
YQL054	380	140	180N	22	10	YQL090	625	220	500N	22	10
YQL055	398	160	350N	18	8	YQL091	640	260	1100N	28	14
YQL056	400	150	150N 200N 300N	18	8	YQL091-1	670	285	150N	18	8
YQL057	405	160	300N	18	8	YQL092	685.5	225	300N	22	10
YQL058	410	150	150N	18	8	YQL093	687	215	800N	25	12
YQL059	430	170	250N	18	8	YQL094	696	290	300N	18	8
YQL060	435	170	130N	18	8	YQL095	700	290	150N 350N	18	8
YQL061	435	170	180N 250N	22	10	YQL096	730	300	430N	22	10
YQL062	438	180	350N	18	8	YQL097	740	266	450N	22	10
YQL063	450	180	340N	18	8	YQL098	745	282	420N	22	10
YQL064	450	170	200N 700N	22	10	YQL099	750	320	380N	22	10

PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)	PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)
YQL100	782	265	800N	25	12	YQL228	250	85	100N	18	8
YQL101	812	262	800N	25	12	YQL229	250	85	60N	18	8
YQL102	820	260	850N	25	12	YQL230	250	85	280N	18	8
YQL103	835	320	450N	22	10	YQL231	252	86	60N	18	8
YQL104	1000	305	1500N	28	14	YQL232	256	88	208N	18	8
YQL105	1200	500	4000N	40	20	YQL233	256	88	250N	18	8
YQL106	1250	550	1700N	28	14	YQL234	260	90	280N	18	8
YQL107	1500	600	1000N	28	14	YQL235	260	90	225N	18	8
YQL108	2000	900	1600N	28	16	YQL236	260	90	160N	18	8
YQL200	160	40	102N	18	8	YQL237	260	90	50N	18	8
YQL201	170	45	380N	18	8	YQL238	260	90	475N	18	8
YQL202	182	51	178N	18	8	YQL239	260	60	200N	18	8
YQL203	190	55	20N	18	8	YQL240	268	88	240N	18	8
YQL204	191	50	240N	15	6	YQL241	270	95	300N	18	8
YQL205	196	58	330N	18	8	YQL242	272	96	300N	18	8
YQL206	200	60	100N	15	6	YQL243	274	97	300N	18	8
YQL207	200	60	405N	18	8	YQL244	276	98	200N	18	8
YQL208	200	60	250N	18	8	YQL245	276	98	50N	18	8
YQL209	200	60	500N	18	8	YQL246	278	100	250N	18	8
YQL210	200	60	200N	18	8	YQL247	280	100	90 100N	15	6
YQL211	200	60	250N	18	8	YQL248	280	100	100N	18	8
YQL212	200	40	500N	22	10	YQL249	280	100	380N	18	8
YQL213	210	65	200N	18	8	YQL250	280	100	150N 250N	18	8
YQL214	212	66	400N/120N	18	8	YQL251	284	102	90N	18	8
YQL215	220	65	75N	15	6	YQL252	286	103	120N	18	8
YQL216	223	58	250N	18	8	YQL253	290	105	480N	18	8
YQL217	226	73	550N	18	8	YQL254	292	106	350N	18	8
YQL218	228	74	100N	18	8	YQL255	295	100	600N	22	10
YQL219	230	70	40N	15	6	YQL256	295	100	800N 1200N	22	10
YQL220	230	75	170N	18	8	YQL257	300	110	246N	18	8
YQL221	235	70	300N	18	8	YQL258	300	110	100N	18	8
YQL222	236	78	700N	18	8	YQL259	300	110	150N	18	8
YQL223	240	80	150N	18	8	YQL260	300	110	178N	18	8
YQL224	240	80	680N	18	8	YQL261	300	100	200N	18	8
YQL225	240	80	200N	18	8	YQL262	300	100	40N	18	8
YQL226	245	70	190N	15	6	YQL263	300	90	150N	22	10
YQL227	247	90	30 60 80 100 120 150 180N	15	6	YQL264	305	105	80N	18	8

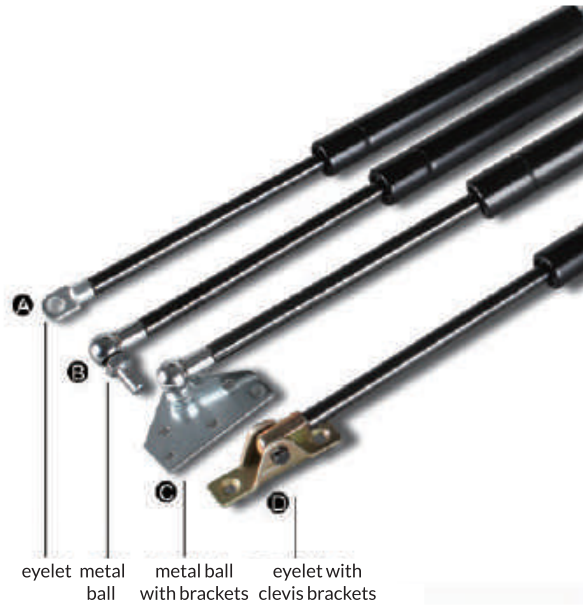
PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)	PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)
YQL265	305	100	900N 1350N	25	12	YQL302	380	140	100N	15	6
YQL266	314	117	85N	18	8	YQL303	382	151	140N	18	8
YQL267	314	117	670N	18	8	YQL304	384	152	300N	18	8
YQL268	315	115	150N	18	8	YQL305	390	155	300N	18	8
YQL269	315	110	400N	22	10	YQL306	394	157	280N	18	8
YQL270	318	120	200N	18	8	YQL307	397	178	30N/400N	18	8
YQL271	318	90	230N	22	10	YQL308	398	159	110N	18	8
YQL272	320	125	100N	15	6	YQL309	400	160	134N	18	8
YQL273	320	120	50N	18	8	YQL310	400	160	50N	18	8
YQL274	320	120	50N	18	8	YQL311	400	160	200N	18	8
YQL275	320	120	300N	18	8	YQL312	400	160	350N	18	8
YQL276	320	120	130N	18	8	YQL313	400	150	150N 200N 300N	18	8
YQL277	320	115	150N	18	8	YQL314	403	160	120N	18	8
YQL278	325	122	130N	18	8	YQL315	408	164	350N	18	8
YQL279	326	123	225N	18	8	YQL316	408	149	121N	18	8
YQL280	326	123	150N	18	8	YQL317	410	165	180N	18	8
YQL281	330	120	40N	15	6	YQL318	410	150	150N	18	8
YQL282	330	125	101N	18	8	YQL319	412	166	100N	18	8
YQL283	332	126	60N	18	8	YQL320	412	166	150N	18	8
YQL284	335	127	230N	18	8	YQL321	412	166	670N	18	8
YQL285	335	120	300N	22	10	YQL322	423	160	190N	18	8
YQL286	336	128	175N	18	8	YQL323	425	160	90N	18	8
YQL287	340	130	200N	18	8	YQL324	430	175	300N	18	8
YQL288	340	130	200N	18	8	YQL325	430	170	250N	18	8
YQL289	350	135	300N	18	8	YQL326	435	170	180N 250N	22	10
YQL290	350	135	350N	18	8	YQL327	436	175	215N	18	8
YQL291	350	135	70N	18	8	YQL328	438	180	350N	18	8
YQL292	350	130	150N	18	8	YQL329	440	180	85N	18	8
YQL293	355	130	200N	22	10	YQL330	440	180	92N	18	8
YQL294	360	145	100N	15	6	YQL331	440	170	420N	18	8
YQL295	360	145	50N	15	6	YQL332	441	153	240N	18	8
YQL296	360	140	445N	18	8	YQL333	445	182	350N	18	8
YQL297	360	140	220N	18	8	YQL334	445	182	285N	18	8
YQL298	360	120	180N	22	10	YQL335	450	185	85N	18	8
YQL299	364	142	53N	18	8	YQL336	450	185	100N	18	8
YQL300	366	143	120N	18	8	YQL337	450	170	200N 700N	22	10
YQL301	374	147	200N	18	8	YQL338	475	197	30N	18	8

PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)	PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)
YQL339	478	200	280N	18	8	YQL376	525	200	500N	22	10
YQL340	480	200	200N	18	8	YQL377	528	224	243N	18	8
YQL341	480	185	300N	18	8	YQL378	530	225	253N	18	8
YQL342	484	202	150N	18	8	YQL379	530	220	300N	22	10
YQL343	486	203	150N	18	8	YQL380	537	225	90N	18	8
YQL344	486	203	150N	18	8	YQL381	538	227	402N	18	8
YQL345	486	203	516N	18	8	YQL382	540	230	138N	18	8
YQL346	486	203	250N	18	8	YQL383	540	220	150N	18	8
YQL347	486	203	356N	18	8	YQL384	545	230	450N	18	8
YQL348	488	204	125N	18	8	YQL385	550	235	30N	18	8
YQL349	488	204	138N	18	8	YQL386	550	220	300N	18	8
YQL350	490	205	450N	18	8	YQL387	558	240	350N	18	8
YQL351	490	205	20N	18	8	YQL388	560	240	215N	18	8
YQL352	490	205	150N	18	8	YQL389	560	258	340N	18	8
YQL353	492	206	125N	18	8	YQL390	570	225	450N	18	8
YQL354	492	203	189N	18	8	YQL391	570	225	450N	22	10
YQL355	494	207	378N	18	8	YQL392	580	250	429N	18	8
YQL356	494	207	125N	18	8	YQL393	580	250	101N	18	8
YQL357	494	207	120N	18	8	YQL394	580	250	100N	18	8
YQL358	496	208	730N	18	8	YQL395	598	260	500N	18	8
YQL359	496	208	270N	18	8	YQL396	600	260	285N	18	8
YQL360	500	229	120N 150N	18	8	YQL397	600	260	82N	18	8
YQL361	500	200	200N 300N 500N 700N	22	10	YQL398	600	260	123N	18	8
YQL362	502	211	140N	18	8	YQL399	600	260	700N	18	8
YQL363	504	212	390N	18	8	YQL400	600	240	400N 600N	22	10
YQL364	505	212	280N	18	8	YQL401	610	250	280N	18	8
YQL365	506	213	365N	18	8	YQL402	618	212	200N	18	8
YQL366	510	210	130 200 260N	18	8	YQL403	620	270	100N	18	8
YQL367	515	208	550N	22	10	YQL404	620	215	1000N	25	12
YQL368	515	175	180N	22	10	YQL405	625	220	500N	22	10
YQL369	516	218	500N	18	8	YQL406	632	276	73N	18	8
YQL370	520	220	360N	18	8	YQL407	633	260	280N	18	8
YQL371	520	220	250N	18	8	YQL408	640	260	1100N	28	14
YQL372	520	220	350N	18	8	YQL409	660	290	350N	18	8
YQL373	520	220	320N	18	8	YQL410	670	285	150N	18	8
YQL374	520	220	320N	18	8	YQL411	684	300	180N	18	8
YQL375	525	200	150N 450N	18	8	YQL412	687	296	325N	18	8

PRODUCT NO. (YQL)	EXTENDED LENGTH(L) (MM)	STROKE(S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)
YQL413	688	298	280N	18	8
YQL414	696	290	300N	18	8
YQL415	700	310	106N	18	8
YQL416	700	290	150N 350N	18	8
YQL417	730	300	430N	22	10
YQL418	740	266	450N	22	10
YQL419	745	282	420N	22	10
YQL420	750	320	380N	22	10
YQL421	782	265	800N	25	12
YQL422	812	262	800N	25	12
YQL423	820	260	850N	25	12
YQL424	835	320	450N	22	10
YQL425	904	412	150N	18	8
YQL426	904	412	240N	18	8
YQL427	1000	305	1500N	28	14
YQL428	1200	500	4000N	40	20
YQL429	1250	550	1700N	28	14
YQL430	1500	600	1000N	28	14
YQL431	2000	900	1600N	28	16

We can do customized just according to your requests.

FOR REFERENCE	
DIA	FORCE
12*4	5N-100N
15*6	10N-300N
18*8	50N-600N
22*10	100N-1400N
25*12	100N-1800N
28*14	100N-3000N
28*16	100N-3000N
40*20	200N-4500N



SS316 GAS SPRING



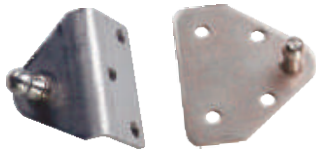
06-SS316 gas spring with clevis endings
Suitable for damp environment, eg yacht and food machinery



16-SS316 gas spring with eyelet endings
Suitable for damp environment, eg yacht and food machinery



23-SS316 gas spring with metal ball
Suitable for damp environment, eg yacht and food machinery



LX4113 LX635
Match with SS316 gas springs



LX511-3
Match with SS316 gas springs



LX633 LX4112
Match with SS316 gas springs

APPLICATION



02

CABINET GAS SPRING



04-Cabinet gas spring
Plastic endings



09-Damper for cabinet
Providing a set of endings and suitable for cabinet door



24-Cabinet gas spring
Classic type with a set of nut and endings



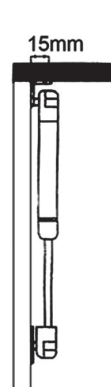
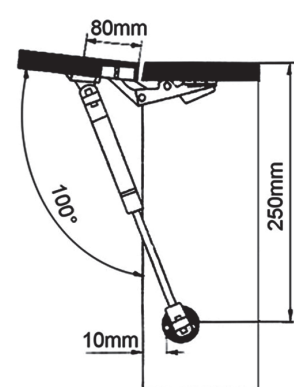
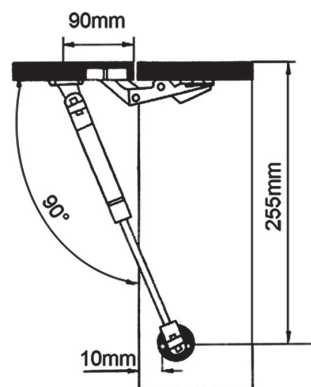
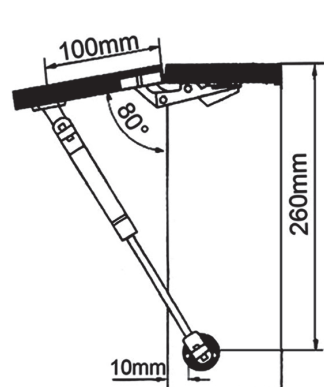
26-Cabinet gas spring with brackets
Flexible ends choice



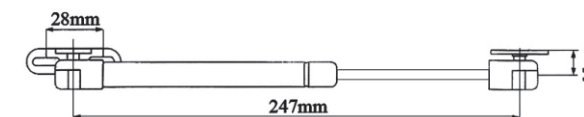
27-Cabinet gas spring
The force can be customized



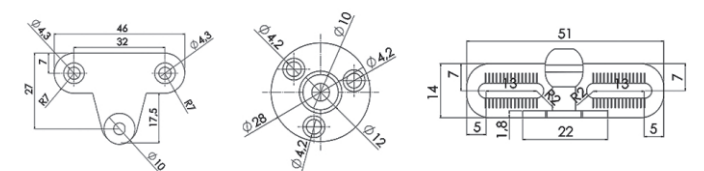
29-Cabinet gas spring
Classic type with a set of nut and endings



CABINET GAS SPRING



CABINET GAS SPRING REVERSE



PRODUCT NO. (CQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)
CQL001	250/247	90	30N	15	6
CQL002	250/247	90	60N	15	6
CQL003	250/247	90	80N	15	6
CQL004	250/247	90	100N	15	6
CQL005	250/247	90	120N	15	6
CQL006	250/247	90	150N	15	6

PRODUCT NO. (Z-CQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)
Z-CQL001	250	90	80-120N	15	6
Z-CQL002	275	100	80-120N	15	6
Z-CQL003	355	140	80-120N	15	6



03

LOCKABLE GAS SPRING



03-Lockable gas spring for seat
Customized size



14-Lockable gas spring with spanner
Customized size



22-Silver handle lockable gas spring
Customized size with silver handle



32-Black handle lockable gas spring
Mostly used in medical equipment and furniture



42-Button switch lockable gas spring
Customized size, button or handle



45-Elevating table with lockable gas spring
Flexible and convenient, size can be customized



50-Lockable gas spring, white rod
White rod, customized size, optional accessories



53-Two in one controllable gas spring
Two gas spring can be controlled by one switch and two cables



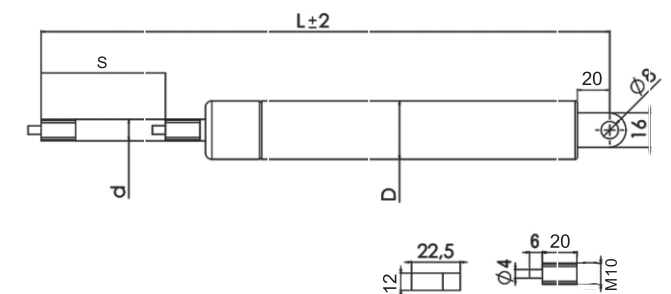
59-Lockable gas spring for car seat
Used for bus seat

APPLICATION



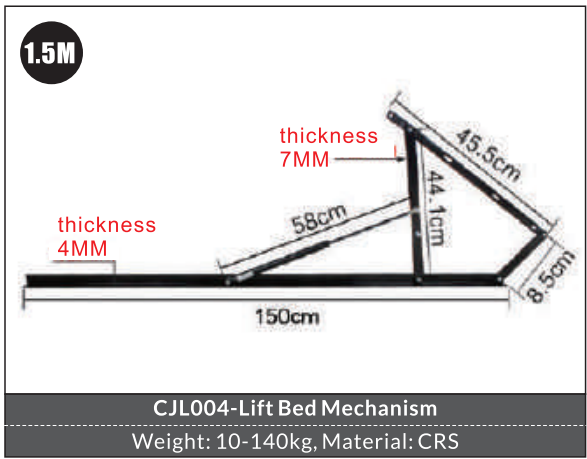
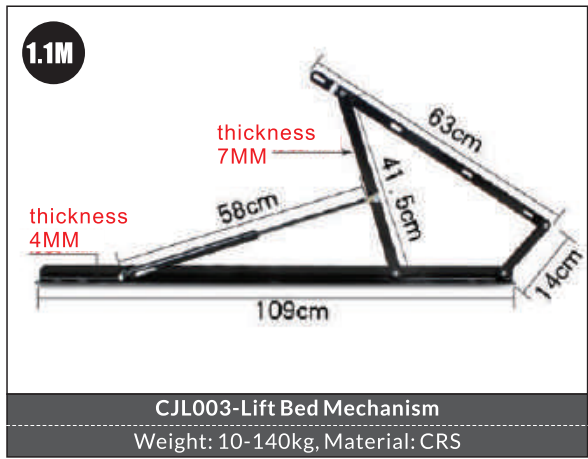
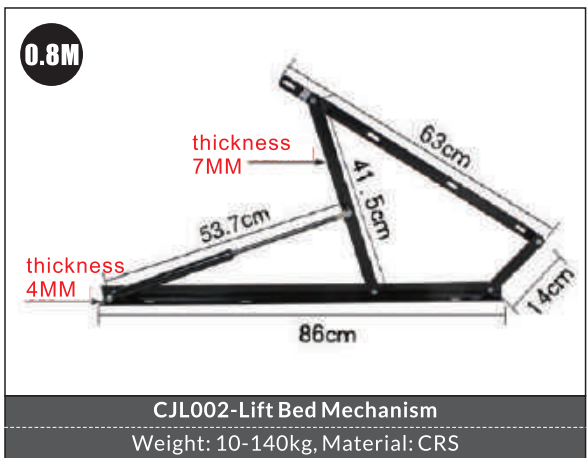
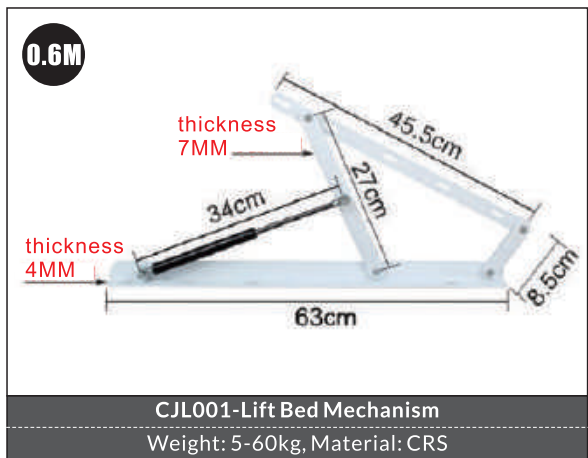
LOCKABLE GAS SPRING

PRODUCT NO. (KQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)	PRODUCT NO. (KQL)	EXTENDED LENGTH(L) (MM)	STROKE (S) (MM)	FORCE (N)	DIA OF TUBE(D) (MM)	DIA OF ROD(d) (MM)
KQL001	250	40	100N	22	10	KQL109	305	75	100N	22	10
KQL002	300	70	150N	22	10	KQL110	310	80	350N	27	10
KQL003	350	100	150N	22	10	KQL111	320	100	350N	27	10
KQL004	400	140	250N	22	10	KQL112	325	80	500N	27	10
KQL005	600	240	100N	22	10	KQL113	327	80	280N	27	10
KQL006	800	300	200N	22	10	KQL114	370	110	320N	27	10
KQL007	200	40	200N	27	10	KQL115	387	115	300N	22	10
KQL008	200	40	250N	27	10	KQL116	408	130	1000N	27	10
KQL009	280	60	350N	27	10	KQL117	410	100	225N	27	10
KQL010	330	80	430N	27	10	KQL118	415	150	300N	27	10
KQL011	360	100	350N	27	10	KQL119	427	130	300N	27	10
KQL012	400	100	200-900N	27	10	KQL120	435	135	350N	27	10
KQL013	500	120	200-900N	27	10	KQL121	440	135	1100N	27	10
KQL014	600	200	100-500N	27	10	KQL122	455	100	300N	27	10
KQL015	800	300	200-900N	27	10	KQL123	465	160	350N	27	10
KQL016	900	350	200-1000N	27	10	KQL124	470	105	400N	27	10
KQL017	290	70	100N	22	10	KQL125	480	150	600N	27	10
KQL018	330	80	350N	27	10	KQL126	502	177	70-120N	27	10
KQL019	325	80	500N	27	10	KQL127	525	110	350N	27	10
KQL100	200	40	100N	27	10	KQL128	530	200	220N	27	10
KQL101	215	50	850N	22	10	KQL129	561	177	500N	27	10
KQL102	220	50	60N	22	10						
KQL103	221	70	500N	27	10						
KQL104	230	60	500N	27	10						
KQL105	265	55	600N	27	10						
KQL106	280	70	300N	27	10						
KQL107	290	80	200N	27	10						
KQL108	295	80	400N	27	10						





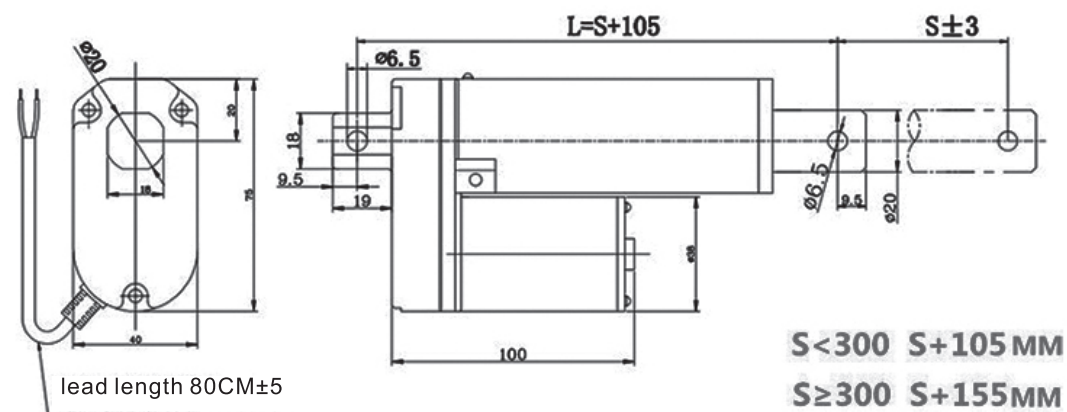
BED LIFT MECHANISM



5 TYPES OF ENDS

A grid of six images showing various electrical components:

- HAND CONTROLLER:** A handheld device with a green display and a coiled black cable.
- WIRELESS REMOTE CONTROL:** A small white rectangular box connected to a white remote control with a silver chain.
- BRACKET:** Two metal brackets with slots and mounting holes.
- TRANSFORMER:** A black rectangular box with a coiled black cable.
- TIMER:** A white rectangular box with a green display and several buttons.
- RECIPROCATING CONTROLLER:** A white rectangular box with a digital display and several buttons.



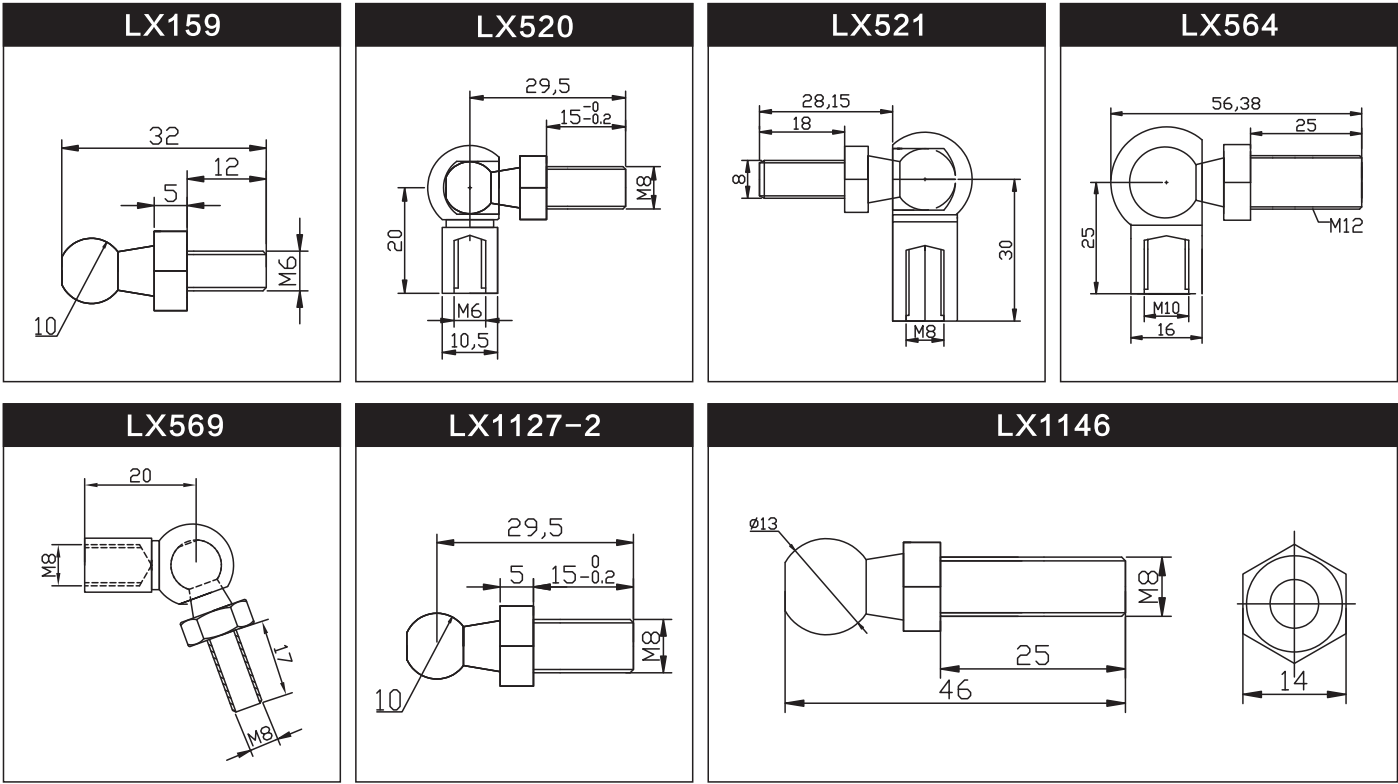
VOLTAGE	STROKE(RANGE OF ACTIVITY)	SPEED AND PUSH
4 TYPES	DIFFERENT STROKE TO CHOOSE	TO CHOOSE PUSH AND SPEED
12V 24V 36V(customized) 48V(customized)	10-1500mm	Push 150N, speed 60mm/s Push 250N, speed 48mm/s Push 500N, speed 24mm/s Push 1000N, speed 12mm/s Push 1300N, speed 7mm/s

APPLICATION

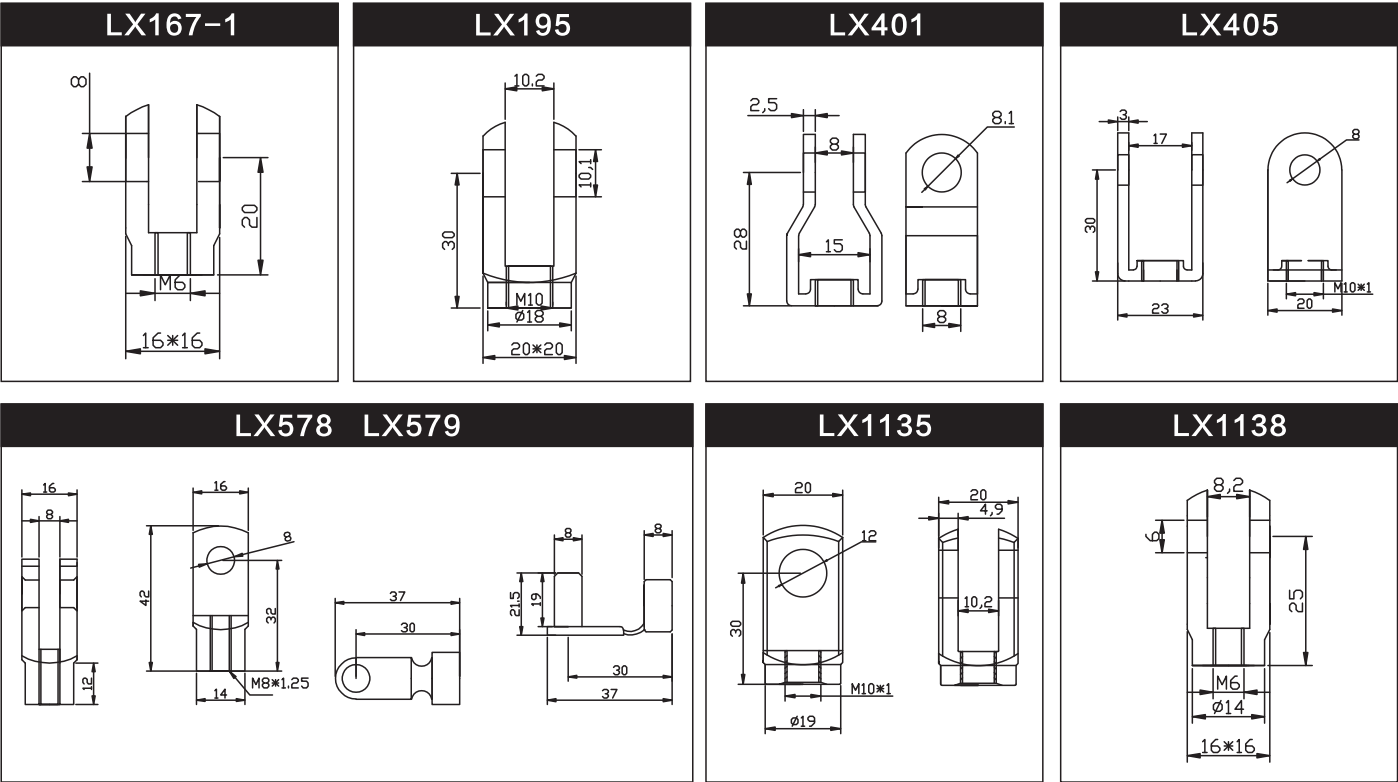


TO CHOOSE RIGHT ENDINGS

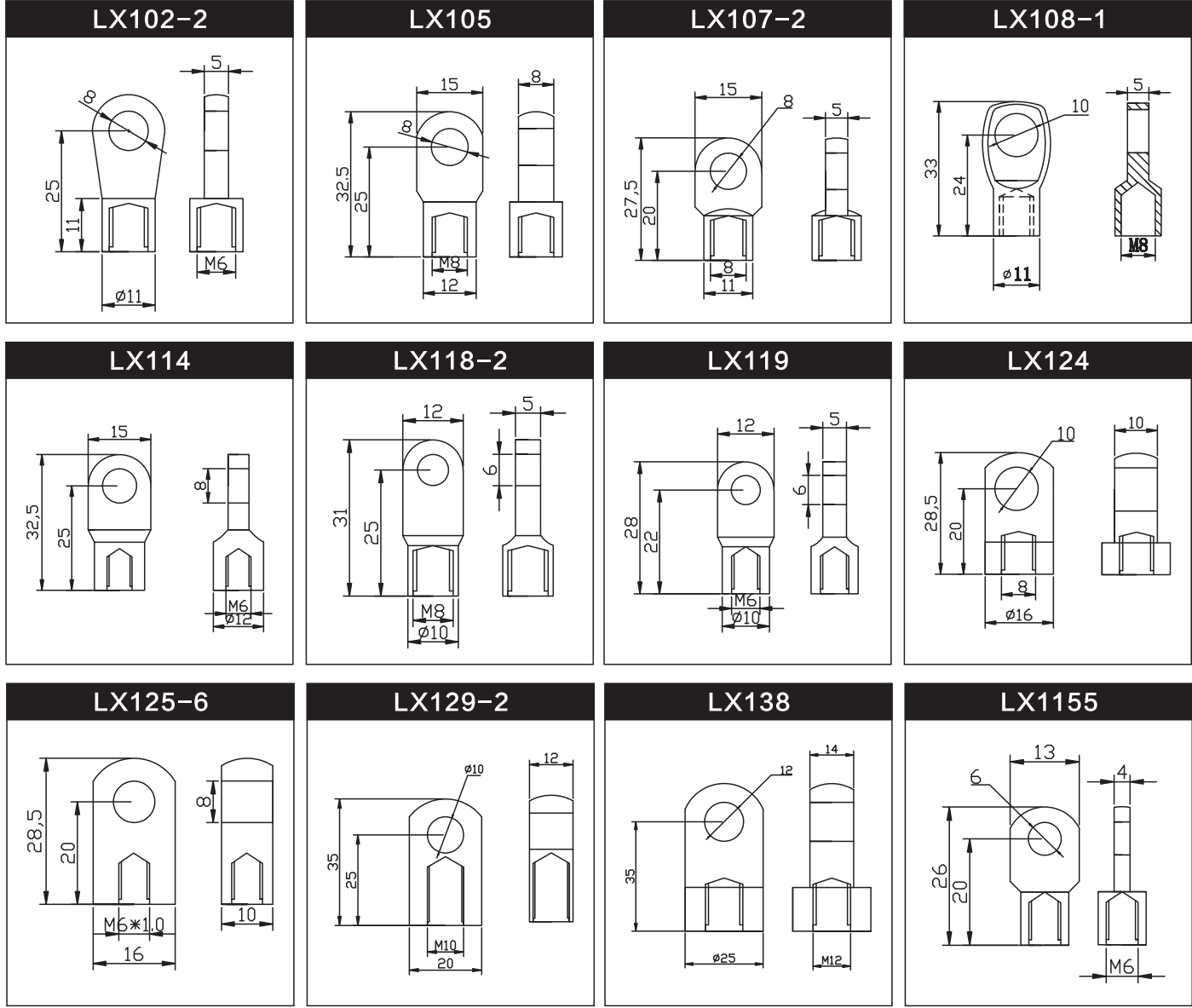
METAL BALL ENDS



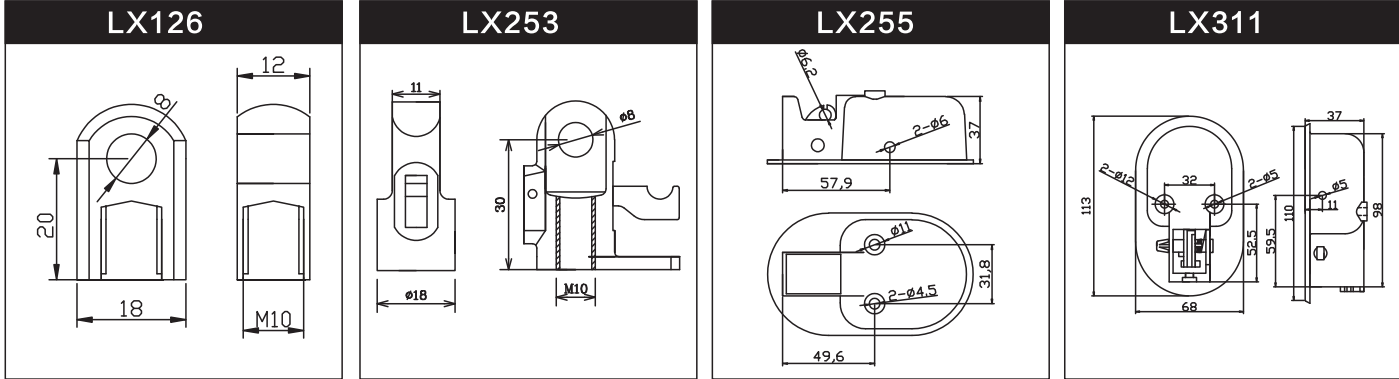
CLEVIS ENDS



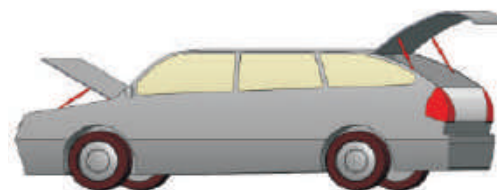
EYELET ENDS



OTHERS



PRODUCT APPLICATION



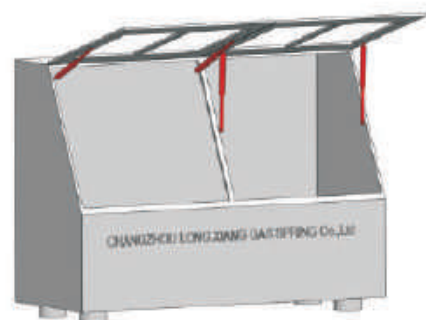
VEHICLE TAILGATE AND BONNET

Lift gas springs are widely used in vehicle bonnets to facilitate the ease of access to the vehicle engine compartment ;Also used in the tailgate for easy loading and assistance in the opening of the tailgate.Our company has been supporting many (new energy) domestic vehicle manufacturers



PICKUP TAILGATE AND TOOLBOX

Lift gas spring are used in toolboxes for pickups, which is convenient for holding the box open while removing or storing tools. Dampers can be installed in the tailgate to prevent rapid falling.



MECHANICAL EQUIPMENT

LongXiang gas spring assists with easy operation of machines , The gas spring provides increased safety and protection of the machine.



CABINET

Cabinet gas springs are available in two versions. A mini lift Gas Spring is used for the ease of opening and keeping the door open.The damper is used to lower and prevent the door falling rapidly. There are many kinds of ends for customer to choose from.



CONVERTIBLE DINING CAR

The food truck uses long gas springs and if equipped with rubbish removal device , Stainless Steel Gas Springs can be used . It is very convenient to open and close, and obtain ROHS certification to ensure food safety by using high quality stainless steel Gas Springs which are easy to clean.



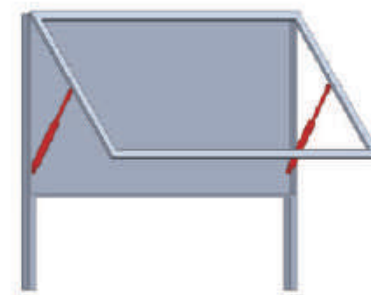
COACH LUGGAGE COMPARTMENT

The luggage compartment equipped with gas springs assists with the opening of coach luggage compartments . This gas spring is provided with damping, and a long service life.



TOOLBOX

Lift gas spring produced by LongXiang has a good damping effect, protects the toolbox cover effectively and opens and closes quietly. A number of toolbox manufacturers both domestic and foreign make use of our Gas Springs in their Designs.



ADVERTISING LIGHT BOXES

Lift Gas Springs for Light Boxes assists in the ease of installation of Light Box Accessories . Used in Subway and bus station advertising lights, we can provide standard parts according to customers specification.



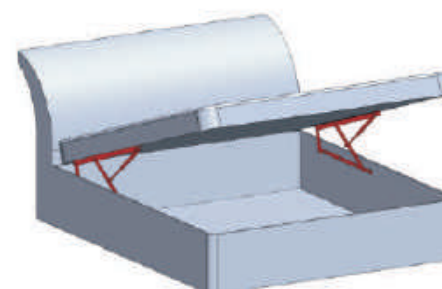
ATTIC STAIRCASE

Tension gas springs can be used for attic stairs, and is convenient for customers to use . This saves on labor and is aesthetically pleasing.



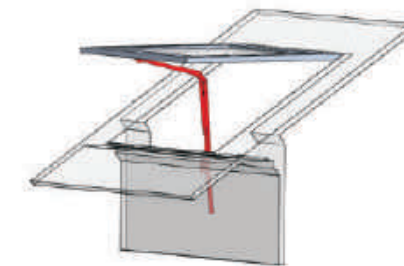
LEARNING TABLE

The lockable gas spring can adjust the height of the learning table , ensuring more comfortable positions for students , which prevents fatigue and spinal discomfort.



STORAGE BOX BED

Gas springs in our bed lift mechanism ensure stable and reliable lifting of heavy beds; the iron frame is made of high quality steel, and we have different versions for customers to choose from. The products are sturdy and durable to ensure the safety of operation.



AUTO VENT OPENER FOR GREENHOUSES

This window opener adopts to the ambient temperature It can automatically open and close the skylight /window as the temperature rises and falls. Mainly exported to the Nordic and Russian markets.



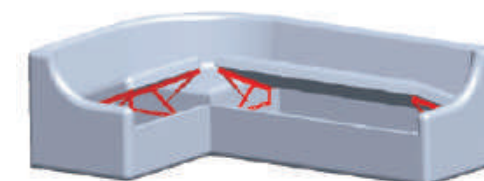
OFFICE LIFT TABLE AND DISPLAY SUPPORT

The Gas Springs installed in the leg supports of these office tables assists in the adjustment of the table height . The Display support assists in the gentle adjustment of screen support arm.



COFFEE TABLE

Lockable gas spring to adjust the height, LongXiang can provide many kinds of spanner and button controls , and flexible and rigid locking device for customers to choose from.



STORAGE SOFA

The lift gas spring and brackets series can be installed in storage sofa frames . The storage is convenient and durable , ensuring effortless lifting and support of the sofa hatch.