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## 1: Gas spring free type

This range of compression springs covers a wide range of strokes and forces and will meet the requirements of most applications.

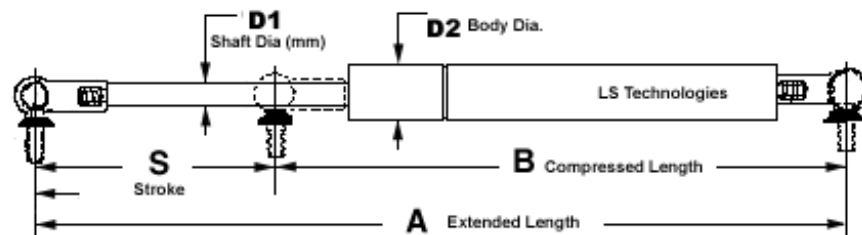


## 2 Locking Gas Springs

A locking gas spring incorporates a mechanism to enable the rod to be locked at any point in its travel. This mechanism is actuated by a plunger that protrudes from the rod. When this plunger is depressed the rod is free to operate as normal. When the plunger is released, which may be at any point in the stroke, the rod is locked in that position. We offers three types of locking gas springs, which have the following characteristics when locked:



## B Main Specifications and Dimensions



**YQ Gas Springs**

### Main Specifications and Dimensions

D1	D2	Extention		Max Stroke (mm)	C(mm)	Frmax
		force F1(N) Min Max				
4	12	20-200		100	5	30
6	15	50-200		150	5	50
8	18	100-800		400	10	60
8	20	100-800		400	10	60
10	22	150-1150		550	10	80
10	49	15-950		5606	10	80
12	26	500-2100		500	10	80
14	28	800-3000		500	10	120
20	42	1000-5200		500	10	1500

### JKQ GAS SPRINGS

#### Main Specifications and Dimensions

D1	D2	Extention		MaxStroke (mm)	X (~)	C (mm)	Frmax
		force F1(N) Min Max					
10	22	150-600		20-40		5	80
10	22	150-950		40-90		5	80
10	26(28)	200-600		20-40		5	80
10	26(28)	200-800		40-90		5	120
10	26(28)	200-1500		90-500		5	150

If you need other specification gas spring,

we can custom the gas springs the same as your drawing.

#### C: Specification of partly of our products

Item	Open Length	Stroke Length	Connect	Cylinder Diameter	Rod Diameter	Force (N)	Application
1	560	160	oa	22	10	250	
2	505	158	oo	20	8	370	
3	390	140	ao	18	8	150	
4	280	80	oo	22	10	800	
5	750	304	00	22	10	700	

6	330	115	aa	22	10	680	
7	552	234	OO	22	10	600	
8	457	180	oa	22	10	140	
9	625	250	oa	22	10	500	
10	390	100	aa	18	22	250	
11	405	150	UU	22	10	300	
12	265	80	UU	22	10	650	
13	285	106	OO	18	8	100	
14	325	110	aa	18	8	280	
15	400	150	OO	22	10	320	
16	480	200	OO	22	10	300	
17	320	140	OO	6	15	150	
18	345	125	aa	18	8	40	
19	264	80	AA	18	8	290	
20	776	270	AA	22	10	380	
21	193	60	OO	15	6	300	
22	250	90	AA	15	6	80	
23	232	90		15	6	80	
24	420	170	OO	15	6	100	
25	325	125	aa	18	8	50	
26	278	100	oL	18	8	250	
27	93	28	OO	15	6	160	
28	550	160	OO	22	10	800	
29	530	200	OO	22	10	900	
30	414	160	OO	18	8	550	
31A	500	200	OO	28	14	2500	
31B	685	300	AA	22	t0	250	
32	345	1250	AA	18	8	40	
33	910	200	aa	22	10	300	
34	207	90	AA	15	6	40	
35	780	305	OO	22	10	700	
36	335	120	aa	18	8	200	
37	180	60	OO	15	6	50	
38	466	186	L.L.	18	8	250	

Auto Gas Spring							
Item	Open Length	Stroke Length	Connect	Cylinder Diameter	Rod Diameter	Force (N)	Application
1	615	250	aa	22	10	220	
2	620	250	aa	22	10	400	
3	465	185	aa	22	10	150	

<b>4</b>	<b>625</b>	<b>250</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>300</b>	
<b>5</b>	<b>570</b>	<b>200</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>300</b>	
<b>6</b>	<b>530</b>	<b>190</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>250</b>	
<b>7</b>	<b>620</b>	<b>250</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>500</b>	
<b>8</b>	<b>800</b>	<b>300</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>300</b>	
<b>9</b>	<b>730</b>	<b>270</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>380</b>	
<b>10</b>	<b>570</b>	<b>200</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>300</b>	
<b>11</b>	<b>610</b>	<b>225</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>410</b>	
<b>12</b>	<b>610</b>	<b>225</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>520</b>	
<b>13</b>	<b>610</b>	<b>225</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>690</b>	
<b>14</b>	<b>610</b>	<b>225</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>860</b>	
<b>15</b>	<b>761</b>	<b>305</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>450</b>	
<b>16</b>	<b>690</b>	<b>245</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>350</b>	
<b>17</b>	<b>550</b>	<b>165</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>300</b>	
<b>18</b>	<b>761</b>	<b>305</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>550</b>	
<b>19</b>	<b>610</b>	<b>225</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>520</b>	
<b>20</b>	<b>450</b>	<b>225</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>800</b>	
<b>21</b>	<b>610</b>	<b>225</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>450</b>	
<b>22</b>	<b>560</b>	<b>200</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>450</b>	
<b>23</b>	<b>460</b>	<b>150</b>	<b>aa</b>	<b>18</b>	<b>8</b>	<b>200</b>	
<b>24</b>	<b>804</b>	<b>240</b>	<b>LL</b>	<b>28</b>	<b>12</b>	<b>650</b>	
<b>25</b>	<b>635</b>	<b>250</b>	<b>AU</b>	<b>22</b>	<b>10</b>	<b>430</b>	
<b>26</b>	<b>635</b>	<b>250</b>	<b>AU</b>	<b>22</b>	<b>10</b>	<b>450</b>	
<b>27</b>	<b>605</b>	<b>200</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>630</b>	
<b>28</b>	<b>605</b>	<b>200</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>630</b>	
<b>29</b>	<b>675</b>	<b>215</b>		<b>22</b>	<b>10</b>	<b>430</b>	
<b>30</b>	<b>800</b>	<b>300</b>	<b>LL</b>	<b>22</b>	<b>10</b>	<b>430</b>	
<b>31A</b>	<b>725</b>	<b>265</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>470</b>	
<b>31B</b>	<b>675</b>	<b>270</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>370</b>	
<b>32</b>	<b>745</b>	<b>235</b>	<b>UU</b>	<b>28</b>	<b>12</b>	<b>710</b>	
<b>33</b>	<b>585</b>	<b>215</b>	<b>aa</b>	<b>22</b>	<b>10</b>	<b>450</b>	
<b>34</b>	<b>575</b>	<b>220</b>	<b>La</b>	<b>18</b>	<b>8</b>	<b>230</b>	
<b>35</b>	<b>768</b>	<b>230</b>	<b>LL</b>	<b>26</b>	<b>12</b>	<b>920</b>	
<b>36</b>	<b>600</b>	<b>250</b>	<b>AA</b>	<b>18</b>	<b>8</b>	<b>330</b>	
<b>37</b>	<b>785</b>	<b>200</b>	<b>aL</b>	<b>26</b>	<b>12</b>	<b>830</b>	
<b>38</b>	<b>800</b>	<b>210</b>	<b>aL.</b>	<b>26</b>	<b>12</b>	<b>900</b>	

D gas spring connector



HeadF15-F16-F6 \ Heada3-a5-a1 \ HeadU1-U8-U12 \ HeadT6-T7-T10 \ HeadT3-T4-T5



HeadT6-T7-T10 \ HeadF19-F20 \ HeadA1-A3-A5 \ HeadC14-C4-C11 \ Controllable Gas Spring Connector



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