



turkas
gas springs

Experienced
Innovation



20
19 Gas Springs

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GAS SPRINGS, BLOCK LIFTS & CUSTOM GAS SPRING MANUFACTURER

Turkas Gas Springs has more than 25 experiences in Gas Springs sector. Turkas Gas Springs is a leading manufacturer of Gas Springs, Block-lifts for several industrial sectors. From incoming process of materials through shipment to truck, Turkas Gas Springs maintains the highest quality control of the entire manufacturing processes.

Turkas Gas Springs is actively supplying many industry segments especially Automotive, Truck & Bus, Heavy Duty, Agricultural machines, and Industrial sectors. We are specialized in providing joint-development in accordance with the requirement of our customers. The experienced and dynamic staff understands the industries' quality and technology standards.

With its progressive solutions and focus on quality, Turkas Gas Springs is a preferred supplier to many leading multi-national companies. Turkas Gas Springs is rapidly expanding to serve ever bigger international markets particularly in Europe and is also exporting to North Africa, Middle East.

Turkas Gas Springs has knowledge, experience and management principles to establish necessary international standards and quality system certificates ISO 9001:2015.



Our Quality Policy



GAS SPRINGS, BLOCK LIFTS & CUSTOM GAS SPRING MANUFACTURER

Quality management is an essential element of all our work. TURKAS is committed to ensuring the highest possible quality for all work that we undertake.

TURKAS is committed to provide its service users and employees with the highest quality of service.

Where potential quality lapses arise TURKAS has appropriate procedures in place to deal with complaints in an efficient and timely manner.

TURKAS is committed to continuous improvement and implementing appropriate quality management systems and processes to enable us to deliver the highest practicable quality services. We will therefore:

Work with our customers and partners to develop our services to meet their needs

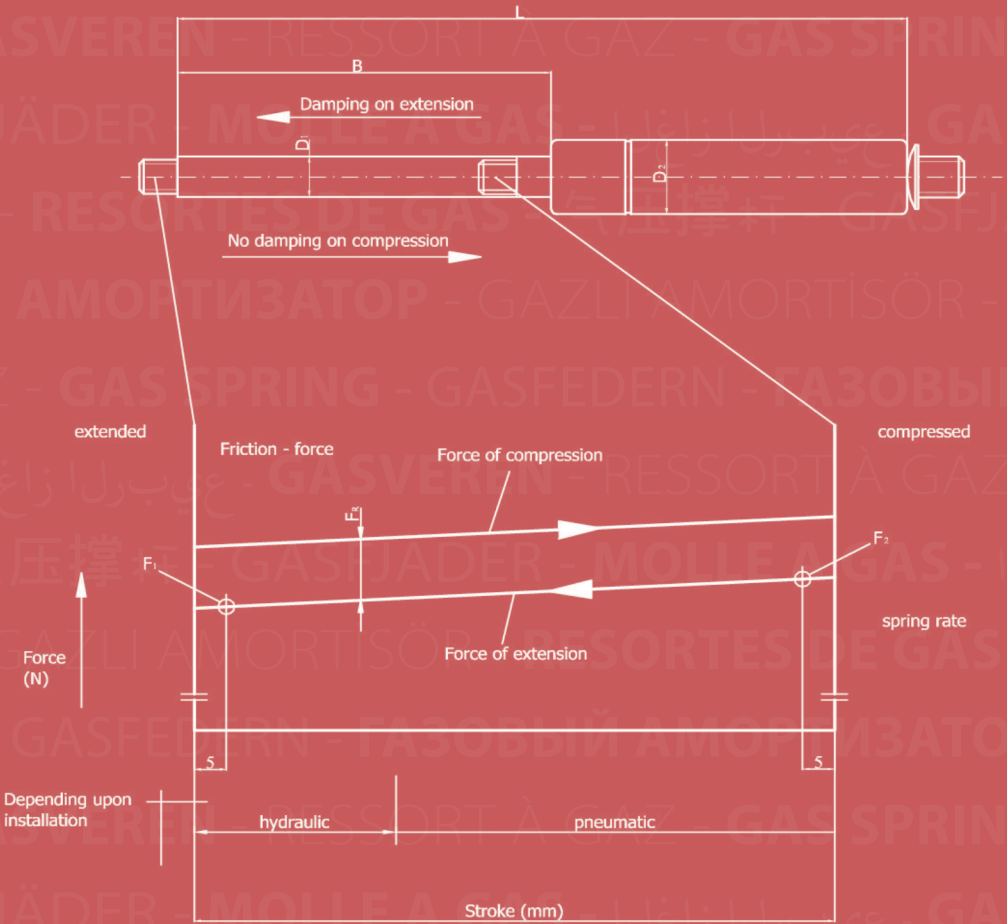
Conduct our business in a way that reflects our core values

Create an environment that promotes continuous improvement and knowledge sharing

Ensure compliance with legal and other applicable standards

Educate and train our people to support the delivery of high quality services

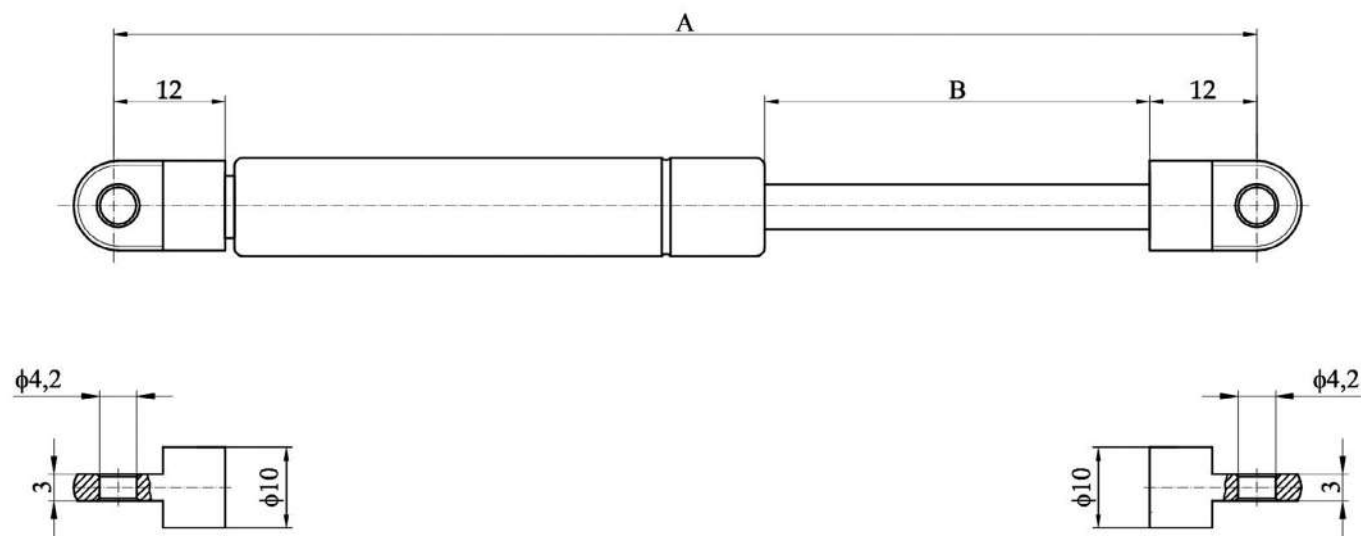
Gas Springs



TYPE		L (Extended Length)		B (Stroke)		F: Force (N)	
D1 (Piston Rod Diameter)	D2 (Tube Diameter)	Min	Max	Min	Max	Min	Max
4	12	70	300	20	150	10	180
6	15	90	400	20	150	50	400
8	18	100	700	25	300	50	800
10	22	150	900	40	400	100	1200
10	27	200	1300	40	600	100	1400
14	28	300	1500	50	700	150	2500
20	40	300	1000	100	450	200	5000

Gas Spring

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Eyelet Type 3

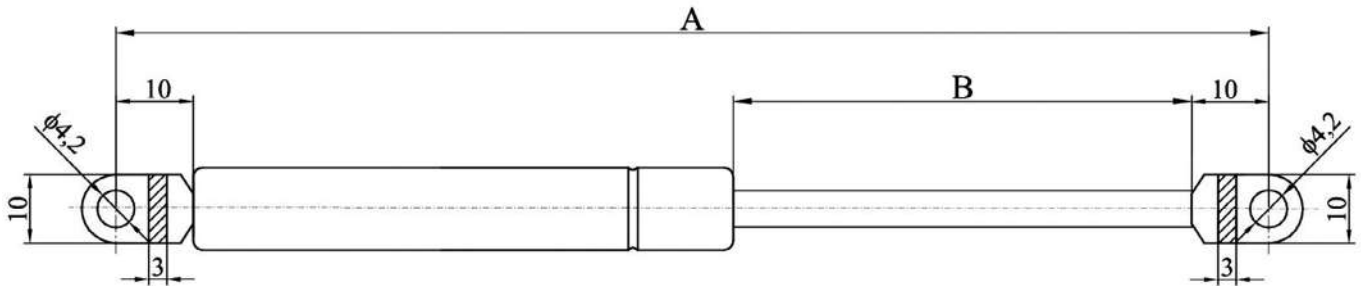


A Extended Lenght	B Stroke	F1	Reference No.
100	20	10	S124.9021
		20	S124.9021-1
		40	S124.9021-2
		60	S124.9021-3
		80	S124.9021-4
		100	S124.9021-5
		120	S124.9021-6
		150	S124.9021-7
		180	S124.9021-8
140	40	10	S124.9041
		20	S124.9041-1
		40	S124.9041-2
		60	S124.9041-3
		80	S124.9041-4
		100	S124.9041-5
		120	S124.9041-6
		150	S124.9041-7
		180	S124.9041-8
180	60	10	S124.9061
		20	S124.9061-1
		40	S124.9061-2
		60	S124.9061-3
		80	S124.9061-4
		100	S124.9061-5
		120	S124.9061-6
		150	S124.9061-7
		180	S124.9061-8
220	80	10	S124.9081
		20	S124.9081-1
		40	S124.9081-2
		60	S124.9081-3
		80	S124.9081-4
		100	S124.9081-5
		120	S124.9081-6
		150	S124.9081-7
		180	S124.9081-8

A Extended Lenght	B Stroke	F1	Reference No.
260	100	10	S124.9101
		20	S124.9101-1
		40	S124.9101-2
		60	S124.9101-3
		80	S124.9101-4
		100	S124.9101-5
		120	S124.9101-6
		150	S124.9101-7
		180	S124.9101-8
300	120	10	S124.9121
		20	S124.9121-1
		40	S124.9121-2
		60	S124.9121-3
		80	S124.9121-4
		100	S124.9121-5
		120	S124.9121-6
		150	S124.9121-7
		180	S124.9121-8
340	140	10	S124.9141
		20	S124.9141-1
		40	S124.9141-2
		60	S124.9141-3
		80	S124.9141-4
		100	S124.9141-5
		120	S124.9141-6
		150	S124.9141-7
		180	S124.9141-8
360	150	10	S124.9151
		20	S124.9151-1
		40	S124.9151-2
		60	S124.9151-3
		80	S124.9151-4
		100	S124.9151-5
		120	S124.9151-6
		150	S124.9151-7
		180	S124.9151-8

Gas Spring

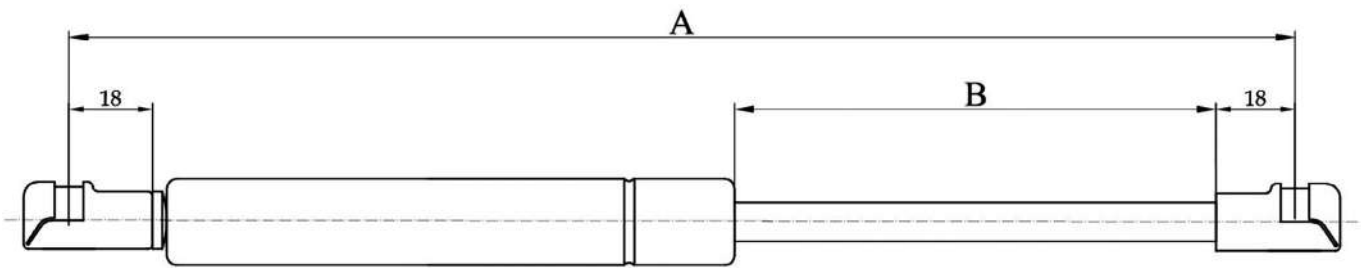
4/12 ■
Welded Bracket



A Extended Lenght	B Stroke	F1	Reference No.
100	20	10	S124.9022
		20	S124.9022-1
		40	S124.9022-2
		60	S124.9022-3
		80	S124.9022-4
		100	S124.9022-5
		120	S124.9022-6
		150	S124.9022-7
		180	S124.9022-8
140	40	10	S124.9042
		20	S124.9042-1
		40	S124.9042-2
		60	S124.9042-3
		80	S124.9042-4
		100	S124.9042-5
		120	S124.9042-6
		150	S124.9042-7
		180	S124.9042-8
180	60	10	S124.9062
		20	S124.9062-1
		40	S124.9062-2
		60	S124.9062-3
		80	S124.9062-4
		100	S124.9062-5
		120	S124.9062-6
		150	S124.9062-7
		180	S124.9062-8
220	80	10	S124.9082
		20	S124.9082-1
		40	S124.9082-2
		60	S124.9082-3
		80	S124.9082-4
		100	S124.9082-5
		120	S124.9082-6
		150	S124.9082-7
		180	S124.9082-8

A Extended Lenght	B Stroke	F1	Reference No.
260	100	10	S124.9102
		20	S124.9102-1
		40	S124.9102-2
		60	S124.9102-3
		80	S124.9102-4
		100	S124.9102-5
		120	S124.9102-6
		150	S124.9102-7
		180	S124.9102-8
300	120	10	S124.9122
		20	S124.9122-1
		40	S124.9122-2
		60	S124.9122-3
		80	S124.9122-4
		100	S124.9122-5
		120	S124.9122-6
		150	S124.9122-7
		180	S124.9122-8
340	140	10	S124.9142
		20	S124.9142-1
		40	S124.9142-2
		60	S124.9142-3
		80	S124.9142-4
		100	S124.9142-5
		120	S124.9142-6
		150	S124.9142-7
		180	S124.9142-8
360	150	10	S124.9152
		20	S124.9152-1
		40	S124.9152-2
		60	S124.9152-3
		80	S124.9152-4
		100	S124.9152-5
		120	S124.9152-6
		150	S124.9152-7
		180	S124.9152-8

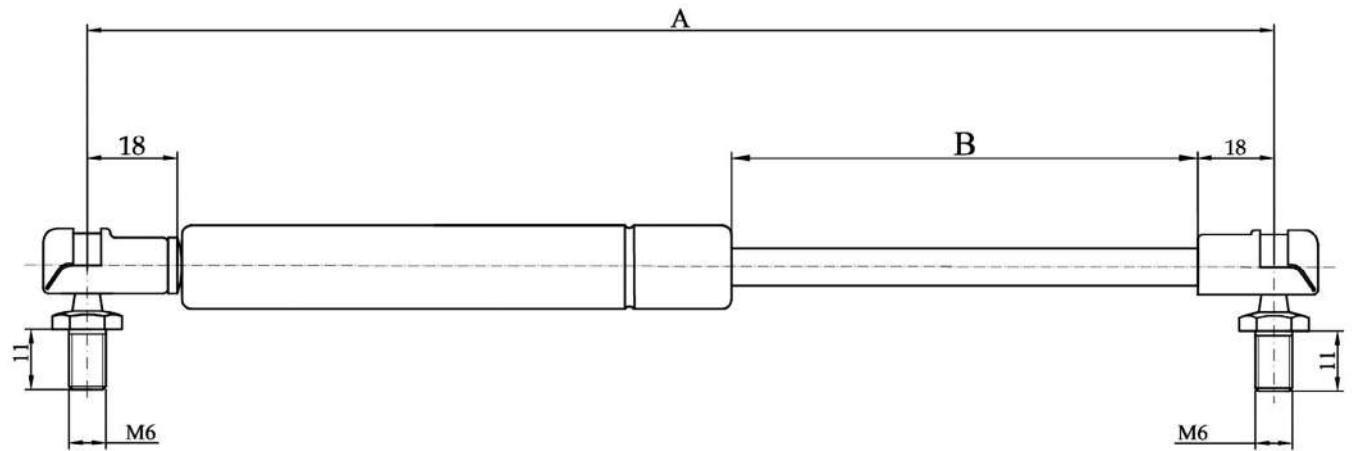
Gas Spring
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Plastic Ball Cups Type 4



A Extended Lenght	B Stroke	F1	Reference No.
110	20	50	S156.9021
		100	S156.9021-1
		150	S156.9021-2
		200	S156.9021-3
		250	S156.9021-4
		300	S156.9021-5
		350	S156.9021-6
150	40	400	S156.9021-7
		50	S156.9041
		100	S156.9041-1
		150	S156.9041-2
		200	S156.9041-3
		250	S156.9041-4
		300	S156.9041-5
190	60	350	S156.9041-6
		400	S156.9041-7
		50	S156.9061
		100	S156.9061-1
		150	S156.9061-2
		200	S156.9061-3
		250	S156.9061-4
230	80	300	S156.9061-5
		350	S156.9061-6
		400	S156.9061-7
		50	S156.9081
		100	S156.9081-1
		150	S156.9081-2
		200	S156.9081-3

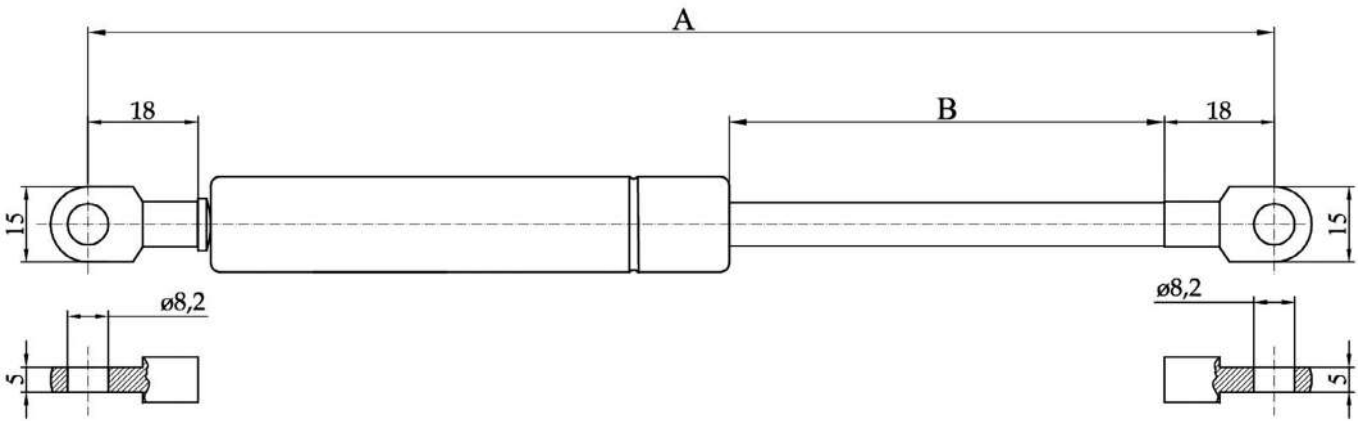
A Extended Lenght	B Stroke	F1	Reference No.
270	100	250	S156.9101-4
		300	S156.9101-5
		350	S156.9101-6
		400	S156.9101-7
		50	S156.9121
		100	S156.9121-1
		150	S156.9121-2
310	120	200	S156.9121-3
		250	S156.9121-4
		300	S156.9121-5
		350	S156.9121-6
		400	S156.9121-7
		50	S156.9141
		100	S156.9141-1
350	140	150	S156.9141-2
		200	S156.9141-3
		250	S156.9141-4
		300	S156.9141-5
		350	S156.9141-6
		400	S156.9141-7
		50	S156.9151
370	150	100	S156.9151-1
		150	S156.9151-2
		200	S156.9151-3
		250	S156.9151-4
		300	S156.9151-5
		350	S156.9151-6
		400	S156.9151-7

Gas Spring
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Plastic Ball Cups & Ball Joints Type 2



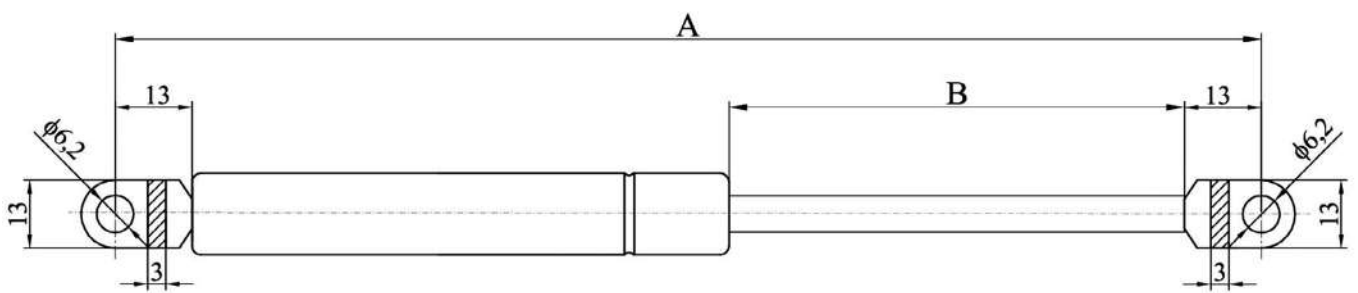
A Extended Lenght	B Stroke	F1	Reference No.
110	20	50	S156.9022
		100	S156.9022-1
		150	S156.9022-2
		200	S156.9022-3
		250	S156.9022-4
		300	S156.9022-5
		350	S156.9022-6
150	40	400	S156.9022-7
		50	S156.9042
		100	S156.9042-1
		150	S156.9042-2
		200	S156.9042-3
		250	S156.9042-4
		300	S156.9042-5
190	60	350	S156.9042-6
		400	S156.9042-7
		50	S156.9062
		100	S156.9062-1
		150	S156.9062-2
		200	S156.9062-3
		250	S156.9062-4
230	80	300	S156.9062-5
		350	S156.9062-6
		400	S156.9062-7
		50	S156.9082
		100	S156.9082-1
		150	S156.9082-2
		200	S156.9082-3

A Extended Lenght	B Stroke	F1	Reference No.
270	100	50	S156.9102
		100	S156.9102-1
		150	S156.9102-2
		200	S156.9102-3
		250	S156.9102-4
		300	S156.9102-5
		350	S156.9102-6
310	120	400	S156.9102-7
		50	S156.9122
		100	S156.9122-1
		150	S156.9122-2
		200	S156.9122-3
		250	S156.9122-4
		300	S156.9122-5
350	140	350	S156.9122-6
		400	S156.9122-7
		50	S156.9142
		100	S156.9142-1
		150	S156.9142-2
		200	S156.9142-3
		250	S156.9142-4
370	150	300	S156.9142-5
		350	S156.9142-6
		400	S156.9142-7
		50	S156.9152
		100	S156.9152-1
		150	S156.9152-2
		200	S156.9152-3



A Extended Lenght	B Stroke	F1	Reference No.
110	20	50	S156.9023
		100	S156.9023-1
		150	S156.9023-2
		200	S156.9023-3
		250	S156.9023-4
		300	S156.9023-5
		350	S156.9023-6
150	40	400	S156.9023-7
		50	S156.9043
		100	S156.9043-1
		150	S156.9043-2
		200	S156.9043-3
		250	S156.9043-4
		300	S156.9043-5
190	60	350	S156.9043-6
		400	S156.9043-7
		50	S156.9063
		100	S156.9063-1
		150	S156.9063-2
		200	S156.9063-3
		250	S156.9063-4
230	80	300	S156.9063-5
		350	S156.9063-6
		400	S156.9063-7
		50	S156.9083
		100	S156.9083-1
		150	S156.9083-2
		200	S156.9083-3

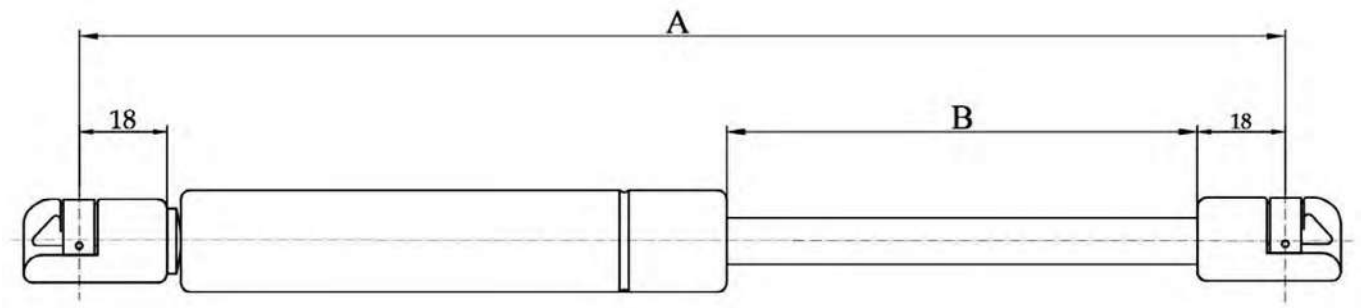
A Extended Lenght	B Stroke	F1	Reference No.
270	100	250	S156.9103
		300	S156.9103-1
		350	S156.9103-2
		400	S156.9103-3
		450	S156.9103-4
		500	S156.9103-5
		550	S156.9103-6
310	120	600	S156.9103-7
		50	S156.9123
		100	S156.9123-1
		150	S156.9123-2
		200	S156.9123-3
		250	S156.9123-4
		300	S156.9123-5
350	140	350	S156.9123-6
		400	S156.9123-7
		50	S156.9143
		100	S156.9143-1
		150	S156.9143-2
		200	S156.9143-3
		250	S156.9143-4
370	150	300	S156.9143-5
		350	S156.9143-6
		400	S156.9143-7
		50	S156.9153
		100	S156.9153-1
		150	S156.9153-2
		200	S156.9153-3



A Extended Lenght	B Stroke	F1	Reference No.
100	20	50	S156.9024
		100	S156.9024-1
		150	S156.9024-2
		200	S156.9024-3
		250	S156.9024-4
		300	S156.9024-5
		350	S156.9024-6
140	40	400	S156.9024-7
		50	S156.9044
		100	S156.9044-1
		150	S156.9044-2
		200	S156.9044-3
		250	S156.9044-4
		300	S156.9044-5
180	60	350	S156.9044-6
		400	S156.9044-7
		50	S156.9064
		100	S156.9064-1
		150	S156.9064-2
		200	S156.9064-3
		250	S156.9064-4
220	80	300	S156.9064-5
		350	S156.9064-6
		400	S156.9064-7
		50	S156.9084
		100	S156.9084-1
		150	S156.9084-2
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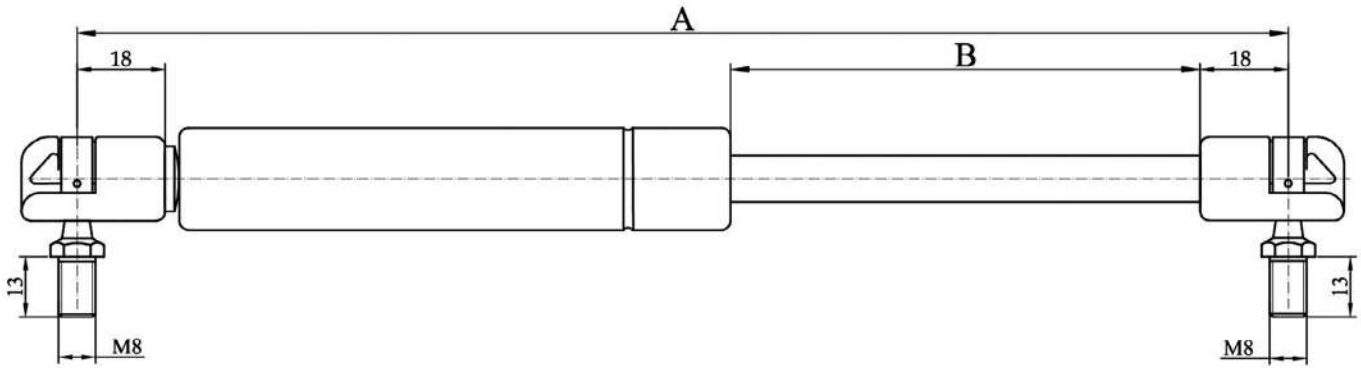
A Extended Lenght	B Stroke	F1	Reference No.
260	100	250	S156.9104
		300	S156.9104-1
		350	S156.9104-2
		400	S156.9104-3
		450	S156.9104-4
		500	S156.9104-5
		550	S156.9104-6
300	120	600	S156.9104-7
		50	S156.9124
		100	S156.9124-1
		150	S156.9124-2
		200	S156.9124-3
		250	S156.9124-4
		300	S156.9124-5
340	140	350	S156.9124-6
		400	S156.9124-7
		50	S156.9144
		100	S156.9144-1
		150	S156.9144-2
		200	S156.9144-3
		250	S156.9144-4
360	150	300	S156.9144-5
		350	S156.9144-6
		400	S156.9144-7
		50	S156.9154
		100	S156.9154-1
		150	S156.9154-2
		200	S156.9154-3

Gas Spring
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Plastic Ball Cups Type 1



A Extended Lenght	B Stroke	F1	Reference No.	A Extended Lenght	B Stroke	F1	Reference No.
200	60	100	S188.9061	400	160	100	S188.9161
		150	S188.9061-1			150	S188.9161-1
		200	S188.9061-2			200	S188.9161-2
		250	S188.9061-3			250	S188.9161-3
		300	S188.9061-4			300	S188.9161-4
		350	S188.9061-5			350	S188.9161-5
		400	S188.9061-6			400	S188.9161-6
		500	S188.9061-7			500	S188.9161-7
		600	S188.9061-8			600	S188.9161-8
		700	S188.9061-9			700	S188.9161-9
240	80	800	S188.9061-10	440	180	800	S188.9161-10
		100	S188.9081			100	S188.9181
		150	S188.9081-1			150	S188.9181-1
		200	S188.9081-2			200	S188.9181-2
		250	S188.9081-3			250	S188.9181-3
		300	S188.9081-4			300	S188.9181-4
		350	S188.9081-5			350	S188.9181-5
		400	S188.9081-6			400	S188.9181-6
		500	S188.9081-7			500	S188.9181-7
		600	S188.9081-8			600	S188.9181-8
280	100	700	S188.9081-9	480	200	700	S188.9181-9
		800	S188.9081-10			800	S188.9181-10
		100	S188.9101			100	S188.9201
		150	S188.9101-1			150	S188.9201-1
		200	S188.9101-2			200	S188.9201-2
		250	S188.9101-3			250	S188.9201-3
		300	S188.9101-4			300	S188.9201-4
		350	S188.9101-5			350	S188.9201-5
		400	S188.9101-6			400	S188.9201-6
		500	S188.9101-7			500	S188.9201-7
320	120	600	S188.9101-8	520	220	600	S188.9201-8
		700	S188.9101-9			700	S188.9201-9
		800	S188.9101-10			800	S188.9201-10
		100	S188.9121			100	S188.9221
		150	S188.9121-1			150	S188.9221-1
		200	S188.9121-2			200	S188.9221-2
		250	S188.9121-3			250	S188.9221-3
		300	S188.9121-4			300	S188.9221-4
		350	S188.9121-5			350	S188.9221-5
		400	S188.9121-6			400	S188.9221-6
360	140	500	S188.9121-7	580	250	500	S188.9221-7
		600	S188.9121-8			600	S188.9221-8
		700	S188.9121-9			700	S188.9221-9
		800	S188.9121-10			800	S188.9221-10
		100	S188.9141			100	S188.9251
		150	S188.9141-1			150	S188.9251-1
		200	S188.9141-2			200	S188.9251-2
		250	S188.9141-3			250	S188.9251-3
		300	S188.9141-4			300	S188.9251-4
		350	S188.9141-5			350	S188.9251-5

Gas Spring
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Plastic Ball Cups & Ball Joints Type 1

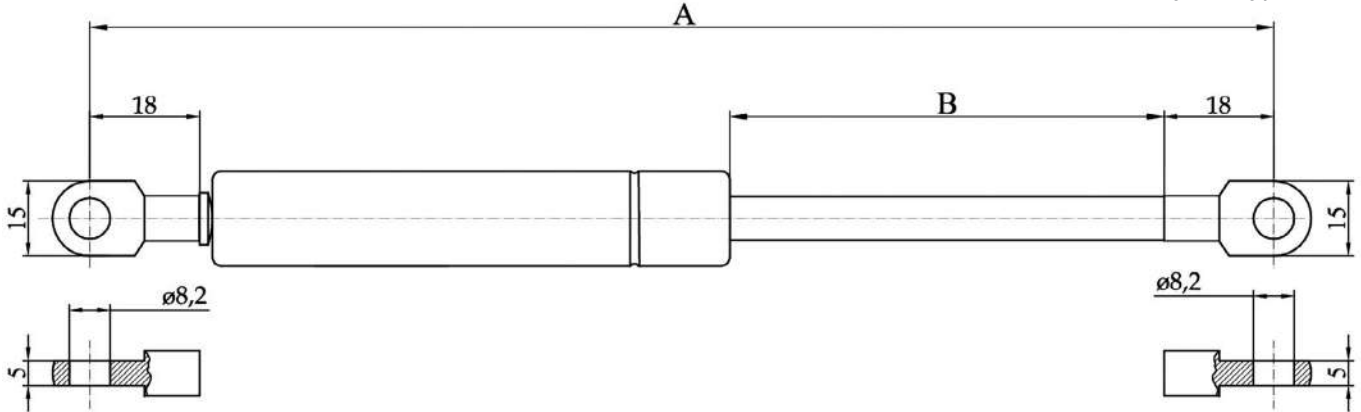


A Extended Lenght	B Stroke	F1	Reference No.	A Extended Lenght	B Stroke	F1	Reference No.
200	60	100	S188.9062	400	160	100	S188.9162
		150	S188.9062-1			150	S188.9162-1
		200	S188.9062-2			200	S188.9162-2
		250	S188.9062-3			250	S188.9162-3
		300	S188.9062-4			300	S188.9162-4
		350	S188.9062-5			350	S188.9162-5
		400	S188.9062-6			400	S188.9162-6
		500	S188.9062-7			500	S188.9162-7
		600	S188.9062-8			600	S188.9162-8
		700	S188.9062-9			700	S188.9162-9
240	80	800	S188.9062-10	440	180	800	S188.9162-10
		100	S188.9082			100	S188.9182
		150	S188.9082-1			150	S188.9182-1
		200	S188.9082-2			200	S188.9182-2
		250	S188.9082-3			250	S188.9182-3
		300	S188.9082-4			300	S188.9182-4
		350	S188.9082-5			350	S188.9182-5
		400	S188.9082-6			400	S188.9182-6
		500	S188.9082-7			500	S188.9182-7
		600	S188.9082-8			600	S188.9182-8
280	100	700	S188.9082-9	480	200	700	S188.9182-9
		800	S188.9082-10			800	S188.9182-10
		100	S188.9102			100	S188.9202
		150	S188.9102-1			150	S188.9202-1
		200	S188.9102-2			200	S188.9202-2
		250	S188.9102-3			250	S188.9202-3
		300	S188.9102-4			300	S188.9202-4
		350	S188.9102-5			350	S188.9202-5
		400	S188.9102-6			400	S188.9202-6
		500	S188.9102-7			500	S188.9202-7
320	120	600	S188.9102-8	520	220	600	S188.9202-8
		700	S188.9102-9			700	S188.9202-9
		800	S188.9102-10			800	S188.9202-10
		100	S188.9122			100	S188.9222
		150	S188.9122-1			150	S188.9222-1
		200	S188.9122-2			200	S188.9222-2
		250	S188.9122-3			250	S188.9222-3
		300	S188.9122-4			300	S188.9222-4
		350	S188.9122-5			350	S188.9222-5
		400	S188.9122-6			400	S188.9222-6
360	140	500	S188.9122-7	580	250	500	S188.9222-7
		600	S188.9122-8			600	S188.9222-8
		700	S188.9122-9			700	S188.9222-9
		800	S188.9122-10			800	S188.9222-10
		100	S188.9142			100	S188.9252
		150	S188.9142-1			150	S188.9252-1
		200	S188.9142-2			200	S188.9252-2
		250	S188.9142-3			250	S188.9252-3
		300	S188.9142-4			300	S188.9252-4
		350	S188.9142-5			350	S188.9252-5

Gas Spring

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Eyelet Type 1

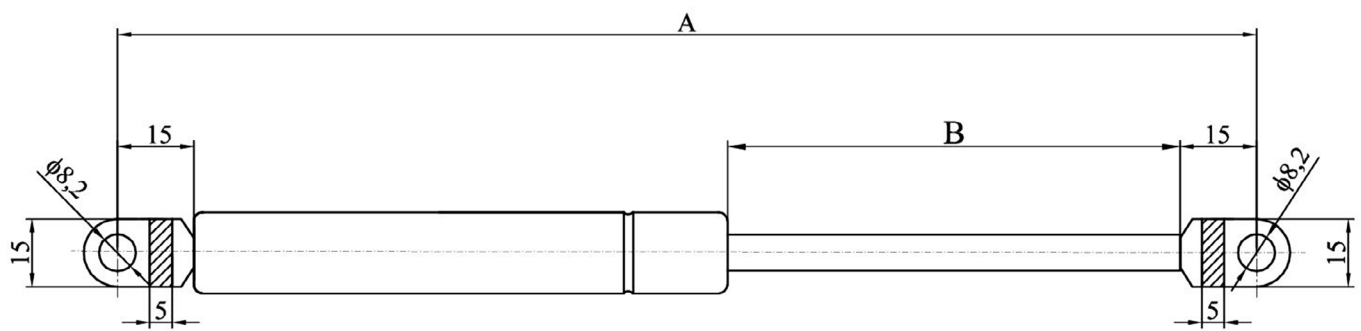


A Extended Lenght	B Stroke	F1	Reference No.	A Extended Lenght	B Stroke	F1	Reference No.
200	60	100	S188.9063	400	160	100	S188.9163
		150	S188.9063-1			150	S188.9163-1
		200	S188.9063-2			200	S188.9163-2
		250	S188.9063-3			250	S188.9163-3
		300	S188.9063-4			300	S188.9163-4
		350	S188.9063-5			350	S188.9163-5
		400	S188.9063-6			400	S188.9163-6
		500	S188.9063-7			500	S188.9163-7
		600	S188.9063-8			600	S188.9163-8
		700	S188.9063-9			700	S188.9163-9
240	80	800	S188.9063-10	440	180	800	S188.9163-10
		100	S188.9083			100	S188.9183
		150	S188.9083-1			150	S188.9183-1
		200	S188.9083-2			200	S188.9183-2
		250	S188.9083-3			250	S188.9183-3
		300	S188.9083-4			300	S188.9183-4
		350	S188.9083-5			350	S188.9183-5
		400	S188.9083-6			400	S188.9183-6
		500	S188.9083-7			500	S188.9183-7
		600	S188.9083-8			600	S188.9183-8
280	100	700	S188.9083-9	480	200	700	S188.9183-9
		800	S188.9083-10			800	S188.9183-10
		100	S188.9103			100	S188.9203
		150	S188.9103-1			150	S188.9203-1
		200	S188.9103-2			200	S188.9203-2
		250	S188.9103-3			250	S188.9203-3
		300	S188.9103-4			300	S188.9203-4
		350	S188.9103-5			350	S188.9203-5
		400	S188.9103-6			400	S188.9203-6
		500	S188.9103-7			500	S188.9203-7
320	120	600	S188.9103-8	520	220	600	S188.9203-8
		700	S188.9103-9			700	S188.9203-9
		800	S188.9103-10			800	S188.9203-10
		100	S188.9123			100	S188.9223
		150	S188.9123-1			150	S188.9223-1
		200	S188.9123-2			200	S188.9223-2
		250	S188.9123-3			250	S188.9223-3
		300	S188.9123-4			300	S188.9223-4
		350	S188.9123-5			350	S188.9223-5
		400	S188.9123-6			400	S188.9223-6
360	140	500	S188.9123-7	580	250	500	S188.9223-7
		600	S188.9123-8			600	S188.9223-8
		700	S188.9123-9			700	S188.9223-9
		800	S188.9123-10			800	S188.9223-10
		100	S188.9143			100	S188.9253
		150	S188.9143-1			150	S188.9253-1
		200	S188.9143-2			200	S188.9253-2
		250	S188.9143-3			250	S188.9253-3
		300	S188.9143-4			300	S188.9253-4
		350	S188.9143-5			350	S188.9253-5

Gas Spring

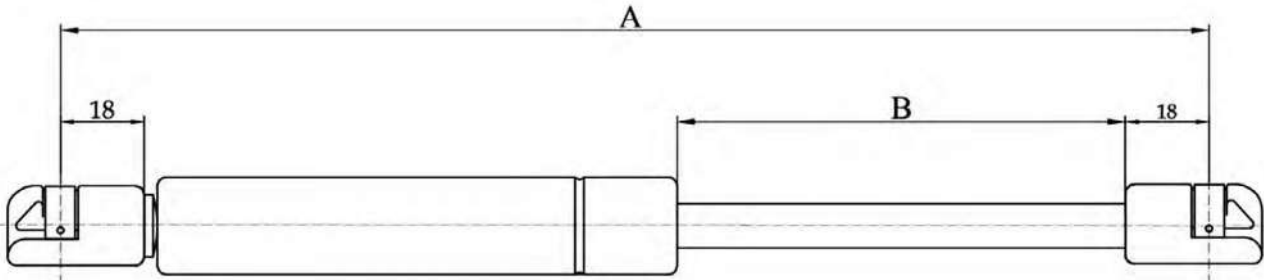
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Welded Bracket



A Extended Lenght	B Stroke	F1	Reference No.	A Extended Lenght	B Stroke	F1	Reference No.
200	60	100	S188.9064	400	160	100	S188.9164
		150	S188.9064-1			150	S188.9164-1
		200	S188.9064-2			200	S188.9164-2
		250	S188.9064-3			250	S188.9164-3
		300	S188.9064-4			300	S188.9164-4
		350	S188.9064-5			350	S188.9164-5
		400	S188.9064-6			400	S188.9164-6
		500	S188.9064-7			500	S188.9164-7
		600	S188.9064-8			600	S188.9164-8
		700	S188.9064-9			700	S188.9164-9
240	80	800	S188.9064-10	440	180	800	S188.9164-10
		100	S188.9084			100	S188.9184
		150	S188.9084-1			150	S188.9184-1
		200	S188.9084-2			200	S188.9184-2
		250	S188.9084-3			250	S188.9184-3
		300	S188.9084-4			300	S188.9184-4
		350	S188.9084-5			350	S188.9184-5
		400	S188.9084-6			400	S188.9184-6
		500	S188.9084-7			500	S188.9184-7
		600	S188.9084-8			600	S188.9184-8
280	100	700	S188.9084-9	480	200	700	S188.9184-9
		800	S188.9084-10			800	S188.9184-10
		100	S188.9104			100	S188.9204
		150	S188.9104-1			150	S188.9204-1
		200	S188.9104-2			200	S188.9204-2
		250	S188.9104-3			250	S188.9204-3
		300	S188.9104-4			300	S188.9204-4
		350	S188.9104-5			350	S188.9204-5
		400	S188.9104-6			400	S188.9204-6
		500	S188.9104-7			500	S188.9204-7
320	120	600	S188.9104-8	520	220	600	S188.9204-8
		700	S188.9104-9			700	S188.9204-9
		800	S188.9104-10			800	S188.9204-10
		100	S188.9124			100	S188.9224
		150	S188.9124-1			150	S188.9224-1
		200	S188.9124-2			200	S188.9224-2
		250	S188.9124-3			250	S188.9224-3
		300	S188.9124-4			300	S188.9224-4
		350	S188.9124-5			350	S188.9224-5
		400	S188.9124-6			400	S188.9224-6
360	140	500	S188.9124-7	580	250	500	S188.9224-7
		600	S188.9124-8			600	S188.9224-8
		700	S188.9124-9			700	S188.9224-9
		800	S188.9124-10			800	S188.9224-10
		100	S188.9144			100	S188.9254
		150	S188.9144-1			150	S188.9254-1
		200	S188.9144-2			200	S188.9254-2
		250	S188.9144-3			250	S188.9254-3
		300	S188.9144-4			300	S188.9254-4
		350	S188.9144-5			350	S188.9254-5

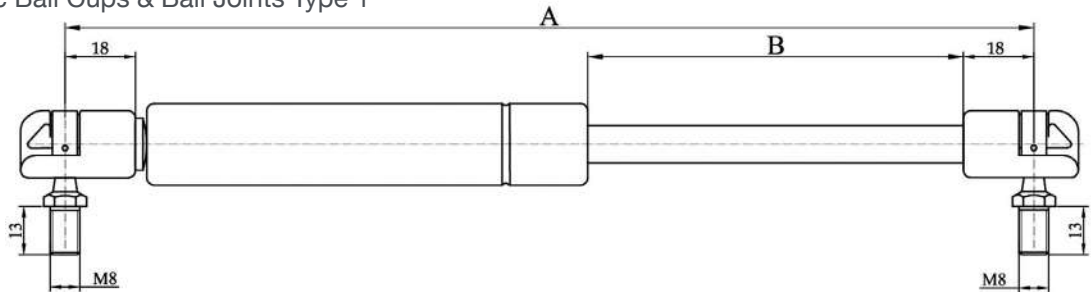
Gas Spring
10/22 ■
Plastic Ball Cups Type 1



A Extended Lenght	B Stroke	F1	Reference No.
300	100	100	S220.9101
		150	S220.9101-1
		200	S220.9101-2
		250	S220.9101-3
		300	S220.9101-4
		350	S220.9101-5
		400	S220.9101-6
		500	S220.9101-7
		600	S220.9101-8
		700	S220.9101-9
		800	S220.9101-10
		900	S220.9101-11
		1000	S220.9101-12
		1100	S220.9101-13
		1200	S220.9101-14
400	150	100	S220.9151
		150	S220.9151-1
		200	S220.9151-2
		250	S220.9151-3
		300	S220.9151-4
		350	S220.9151-5
		400	S220.9151-6
		500	S220.9151-7
		600	S220.9151-8
		700	S220.9151-9
		800	S220.9151-10
		900	S220.9151-11
		1000	S220.9151-12
		1100	S220.9151-13
		1200	S220.9151-14
500	200	100	S220.9201
		150	S220.9201-1
		200	S220.9201-2
		250	S220.9201-3
		300	S220.9201-4
		350	S220.9201-5
		400	S220.9201-6
		500	S220.9201-7
		600	S220.9201-8
		700	S220.9201-9
		800	S220.9201-10
		900	S220.9201-11
		1000	S220.9201-12
		1100	S220.9201-13
		1200	S220.9201-14
600	250	100	S220.9251
		150	S220.9251-1
		200	S220.9251-2
		250	S220.9251-3
		300	S220.9251-4
		350	S220.9251-5
		400	S220.9251-6
		500	S220.9251-7
		600	S220.9251-8
		700	S220.9251-9
		800	S220.9251-10
		900	S220.9251-11
		1000	S220.9251-12
		1100	S220.9251-13
		1200	S220.9251-14

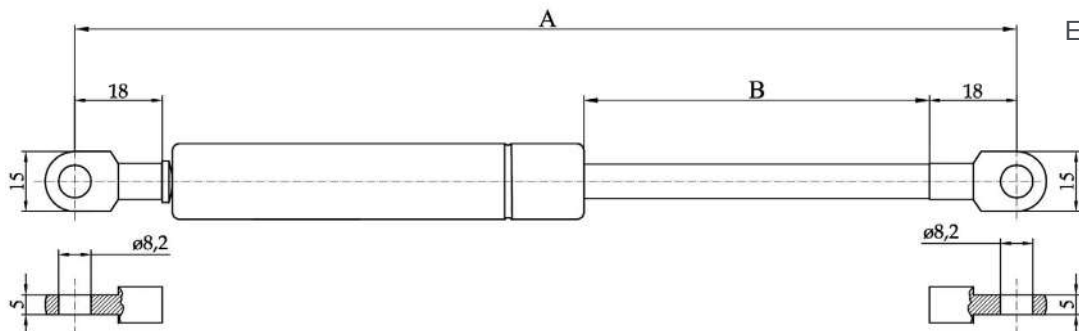
A Extended Lenght	B Stroke	F1	Reference No.
700	300	100	S220.9301
		150	S220.9301-1
		200	S220.9301-2
		250	S220.9301-3
		300	S220.9301-4
		350	S220.9301-5
		400	S220.9301-6
		500	S220.9301-7
		600	S220.9301-8
		700	S220.9301-9
		800	S220.9301-10
		900	S220.9301-11
		1000	S220.9301-12
		1100	S220.9301-13
		1200	S220.9301-14
800	350	100	S220.9351
		150	S220.9351-1
		200	S220.9351-2
		250	S220.9351-3
		300	S220.9351-4
		350	S220.9351-5
		400	S220.9351-6
		500	S220.9351-7
		600	S220.9351-8
		700	S220.9351-9
		800	S220.9351-10
		900	S220.9351-11
		1000	S220.9351-12
		1100	S220.9351-13
		1200	S220.9351-14
900	400	100	S220.9401
		150	S220.9401-1
		200	S220.9401-2
		250	S220.9401-3
		300	S220.9401-4
		350	S220.9401-5
		400	S220.9401-6
		500	S220.9401-7
		600	S220.9401-8
		700	S220.9401-9
		800	S220.9401-10
		900	S220.9401-11
		1000	S220.9401-12
		1100	S220.9401-13
		1200	S220.9401-14

Gas Spring
10/22 ■
Plastic Ball Cups & Ball Joints Type 1



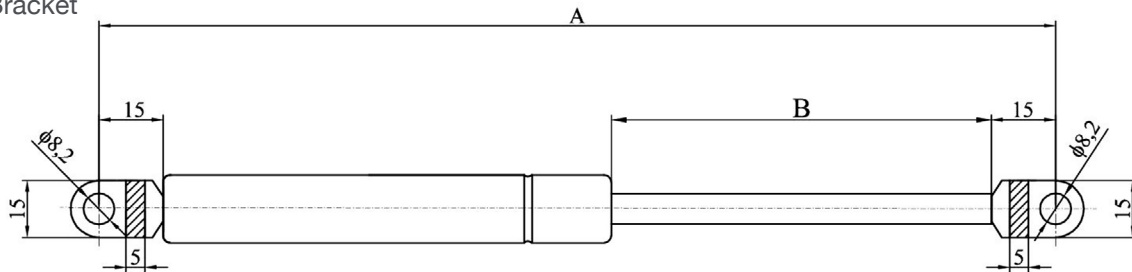
A Extended Lenght	B Stroke	F1	Reference No.
300	100	100	S220.9102
		150	S220.9102-1
		200	S220.9102-2
		250	S220.9102-3
		300	S220.9102-4
		350	S220.9102-5
		400	S220.9102-6
		500	S220.9102-7
		600	S220.9102-8
		700	S220.9102-9
		800	S220.9102-10
		900	S220.9102-11
		1000	S220.9102-12
		1100	S220.9102-13
		1200	S220.9102-14
400	150	100	S220.9152
		150	S220.9152-1
		200	S220.9152-2
		250	S220.9152-3
		300	S220.9152-4
		350	S220.9152-5
		400	S220.9152-6
		500	S220.9152-7
		600	S220.9152-8
		700	S220.9152-9
		800	S220.9152-10
		900	S220.9152-11
		1000	S220.9152-12
		1100	S220.9152-13
		1200	S220.9152-14
500	200	100	S220.9202
		150	S220.9202-1
		200	S220.9202-2
		250	S220.9202-3
		300	S220.9202-4
		350	S220.9202-5
		400	S220.9202-6
		500	S220.9202-7
		600	S220.9202-8
		700	S220.9202-9
		800	S220.9202-10
		900	S220.9202-11
		1000	S220.9202-12
		1100	S220.9202-13
		1200	S220.9202-14
600	250	100	S220.9252
		150	S220.9252-1
		200	S220.9252-2
		250	S220.9252-3
		300	S220.9252-4
		350	S220.9252-5
		400	S220.9252-6
		500	S220.9252-7
		600	S220.9252-8
		700	S220.9252-9
		800	S220.9252-10
		900	S220.9252-11
		1000	S220.9252-12
		1100	S220.9252-13
		1200	S220.9252-14

A Extended Lenght	B Stroke	F1	Reference No.
700	300	100	S220.9302
		150	S220.9302-1
		200	S220.9302-2
		250	S220.9302-3
		300	S220.9302-4
		350	S220.9302-5
		400	S220.9302-6
		500	S220.9302-7
		600	S220.9302-8
		700	S220.9302-9
		800	S220.9302-10
		900	S220.9302-11
		1000	S220.9302-12
		1100	S220.9302-13
		1200	S220.9302-14
800	350	100	S220.9352
		150	S220.9352-1
		200	S220.9352-2
		250	S220.9352-3
		300	S220.9352-4
		350	S220.9352-5
		400	S220.9352-6
		500	S220.9352-7
		600	S220.9352-8
		700	S220.9352-9
		800	S220.9352-10
		900	S220.9352-11
		1000	S220.9352-12
		1100	S220.9352-13
		1200	S220.9352-14
900	400	100	S220.9402
		150	S220.9402-1
		200	S220.9402-2
		250	S220.9402-3
		300	S220.9402-4
		350	S220.9402-5
		400	S220.9402-6
		500	S220.9402-7
		600	S220.9402-8
		700	S220.9402-9
		800	S220.9402-10
		900	S220.9402-11
		1000	S220.9402-12
		1100	S220.9402-13
		1200	S220.9402-14



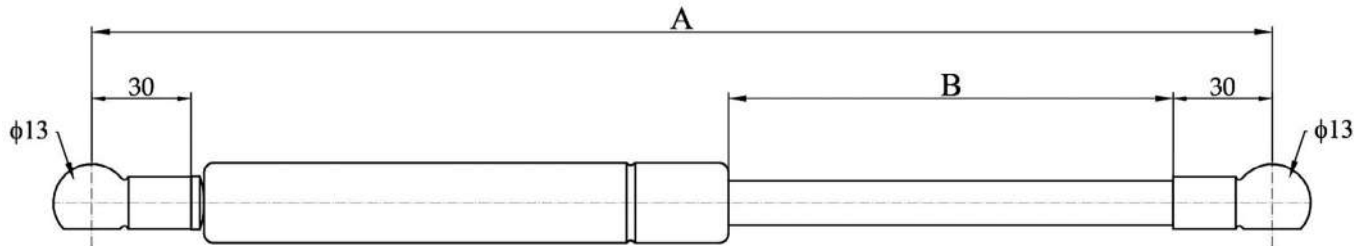
A Extended Lenght	B Stroke	F1	Reference No.
300	100	100	S220.9103
		150	S220.9103-1
		200	S220.9103-2
		250	S220.9103-3
		300	S220.9103-4
		350	S220.9103-5
		400	S220.9103-6
		500	S220.9103-7
		600	S220.9103-8
		700	S220.9103-9
		800	S220.9103-10
		900	S220.9103-11
		1000	S220.9103-12
		1100	S220.9103-13
		1200	S220.9103-14
400	150	100	S220.9153
		150	S220.9153-1
		200	S220.9153-2
		250	S220.9153-3
		300	S220.9153-4
		350	S220.9153-5
		400	S220.9153-6
		500	S220.9153-7
		600	S220.9153-8
		700	S220.9153-9
		800	S220.9153-10
		900	S220.9153-11
		1000	S220.9153-12
		1100	S220.9153-13
		1200	S220.9153-14
500	200	100	S220.9203
		150	S220.9203-1
		200	S220.9203-2
		250	S220.9203-3
		300	S220.9203-4
		350	S220.9203-5
		400	S220.9203-6
		500	S220.9203-7
		600	S220.9203-8
		700	S220.9203-9
		800	S220.9203-10
		900	S220.9203-11
		1000	S220.9203-12
		1100	S220.9203-13
		1200	S220.9203-14
600	250	100	S220.9253
		150	S220.9253-1
		200	S220.9253-2
		250	S220.9253-3
		300	S220.9253-4
		350	S220.9253-5
		400	S220.9253-6
		500	S220.9253-7
		600	S220.9253-8
		700	S220.9253-9
		800	S220.9253-10
		900	S220.9253-11
		1000	S220.9253-12
		1100	S220.9253-13
		1200	S220.9253-14

A Extended Lenght	B Stroke	F1	Reference No.
700	300	100	S220.9303
		150	S220.9303-1
		200	S220.9303-2
		250	S220.9303-3
		300	S220.9303-4
		350	S220.9303-5
		400	S220.9303-6
		500	S220.9303-7
		600	S220.9303-8
		700	S220.9303-9
		800	S220.9303-10
		900	S220.9303-11
		1000	S220.9303-12
		1100	S220.9303-13
		1200	S220.9303-14
800	350	100	S220.9353
		150	S220.9353-1
		200	S220.9353-2
		250	S220.9353-3
		300	S220.9353-4
		350	S220.9353-5
		400	S220.9353-6
		500	S220.9353-7
		600	S220.9353-8
		700	S220.9353-9
		800	S220.9353-10
		900	S220.9353-11
		1000	S220.9353-12
		1100	S220.9353-13
		1200	S220.9353-14
900	400	100	S220.9403
		150	S220.9403-1
		200	S220.9403-2
		250	S220.9403-3
		300	S220.9403-4
		350	S220.9403-5
		400	S220.9403-6
		500	S220.9403-7
		600	S220.9403-8
		700	S220.9403-9
		800	S220.9403-10
		900	S220.9403-11
		1000	S220.9403-12
		1100	S220.9403-13
		1200	S220.9403-14



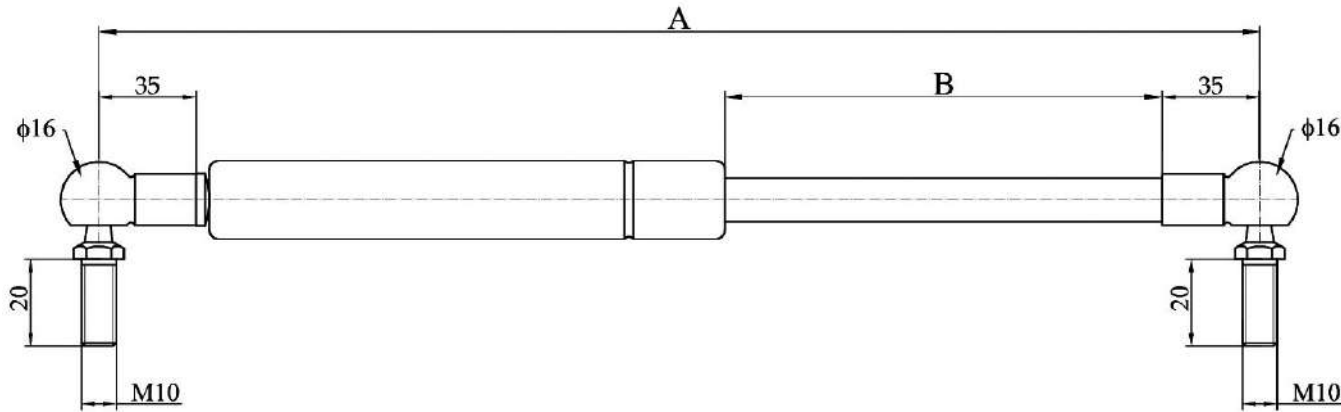
A Extended Lenght	B Stroke	F1	Reference No.
300	100	100	S220.9104
		150	S220.9104-1
		200	S220.9104-2
		250	S220.9104-3
		300	S220.9104-4
		350	S220.9104-5
		400	S220.9104-6
		500	S220.9104-7
		600	S220.9104-8
		700	S220.9104-9
		800	S220.9104-10
		900	S220.9104-11
		1000	S220.9104-12
		1100	S220.9104-13
		1200	S220.9104-14
400	150	100	S220.9154
		150	S220.9154-1
		200	S220.9154-2
		250	S220.9154-3
		300	S220.9154-4
		350	S220.9154-5
		400	S220.9154-6
		500	S220.9154-7
		600	S220.9154-8
		700	S220.9154-9
		800	S220.9154-10
		900	S220.9154-11
		1000	S220.9154-12
		1100	S220.9154-13
		1200	S220.9154-14
500	200	100	S220.9204
		150	S220.9204-1
		200	S220.9204-2
		250	S220.9204-3
		300	S220.9204-4
		350	S220.9204-5
		400	S220.9204-6
		500	S220.9204-7
		600	S220.9204-8
		700	S220.9204-9
		800	S220.9204-10
		900	S220.9204-11
		1000	S220.9204-12
		1100	S220.9204-13
		1200	S220.9204-14
600	250	100	S220.9254
		150	S220.9254-1
		200	S220.9254-2
		250	S220.9254-3
		300	S220.9254-4
		350	S220.9254-5
		400	S220.9254-6
		500	S220.9254-7
		600	S220.9254-8
		700	S220.9254-9
		800	S220.9254-10
		900	S220.9254-11
		1000	S220.9254-12
		1100	S220.9254-13
		1200	S220.9254-14

A Extended Lenght	B Stroke	F1	Reference No.
700	300	100	S220.9304
		150	S220.9304-1
		200	S220.9304-2
		250	S220.9304-3
		300	S220.9304-4
		350	S220.9304-5
		400	S220.9304-6
		500	S220.9304-7
		600	S220.9304-8
		700	S220.9304-9
		800	S220.9304-10
		900	S220.9304-11
		1000	S220.9304-12
		1100	S220.9304-13
		1200	S220.9304-14
800	350	100	S220.9354
		150	S220.9354-1
		200	S220.9354-2
		250	S220.9354-3
		300	S220.9354-4
		350	S220.9354-5
		400	S220.9354-6
		500	S220.9354-7
		600	S220.9354-8
		700	S220.9354-9
		800	S220.9354-10
		900	S220.9354-11
		1000	S220.9354-12
		1100	S220.9354-13
		1200	S220.9354-14
900	400	100	S220.9404
		150	S220.9404-1
		200	S220.9404-2
		250	S220.9404-3
		300	S220.9404-4
		350	S220.9404-5
		400	S220.9404-6
		500	S220.9404-7
		600	S220.9404-8
		700	S220.9404-9
		800	S220.9404-10
		900	S220.9404-11
		1000	S220.9404-12
		1100	S220.9404-13
		1200	S220.9404-14



A Extended Lenght	B Stroke	F1	Reference No.
350	100	200	S274.9101
		500	S274.9101-1
		800	S274.9101-2
		1000	S274.9101-3
		1300	S274.9101-4
		1500	S274.9101-5
		1700	S274.9101-6
		1900	S274.9101-7
		2100	S274.9101-8
		2300	S274.9101-9
		2500	S274.9101-10
450	150	200	S274.9151
		500	S274.9151-1
		800	S274.9151-2
		1000	S274.9151-3
		1300	S274.9151-4
		1500	S274.9151-5
		1700	S274.9151-6
		1900	S274.9151-7
		2100	S274.9151-8
		2300	S274.9151-9
		2500	S274.9151-10
550	200	200	S274.9201
		500	S274.9201-1
		800	S274.9201-2
		1000	S274.9201-3
		1300	S274.9201-4
		1500	S274.9201-5
		1700	S274.9201-6
		1900	S274.9201-7
		2100	S274.9201-8
		2300	S274.9201-9
		2500	S274.9201-10
650	250	200	S274.9251
		500	S274.9251-1
		800	S274.9251-2
		1000	S274.9251-3
		1300	S274.9251-4
		1500	S274.9251-5
		1700	S274.9251-6
		1900	S274.9251-7
		2100	S274.9251-8
		2300	S274.9251-9
		2500	S274.9251-10

A Extended Lenght	B Stroke	F1	Reference No.
750	300	200	S274.9301
		500	S274.9301-1
		800	S274.9301-2
		1000	S274.9301-3
		1300	S274.9301-4
		1500	S274.9301-5
		1700	S274.9301-6
		1900	S274.9301-7
		2100	S274.9301-8
		2300	S274.9301-9
		2500	S274.9301-10
850	350	200	S274.9351
		500	S274.9351-1
		800	S274.9351-2
		1000	S274.9351-3
		1300	S274.9351-4
		1500	S274.9351-5
		1700	S274.9351-6
		1900	S274.9351-7
		2100	S274.9351-8
		2300	S274.9351-9
		2500	S274.9351-10
950	400	200	S274.9401
		500	S274.9401-1
		800	S274.9401-2
		1000	S274.9401-3
		1300	S274.9401-4
		1500	S274.9401-5
		1700	S274.9401-6
		1900	S274.9401-7
		2100	S274.9401-8
		2300	S274.9401-9
		2500	S274.9401-10
1150	500	200	S274.9501
		500	S274.9501-1
		800	S274.9501-2
		1000	S274.9501-3
		1300	S274.9501-4
		1500	S274.9501-5
		1700	S274.9501-6
		1900	S274.9501-7
		2100	S274.9501-8
		2300	S274.9501-9
		2500	S274.9501-10

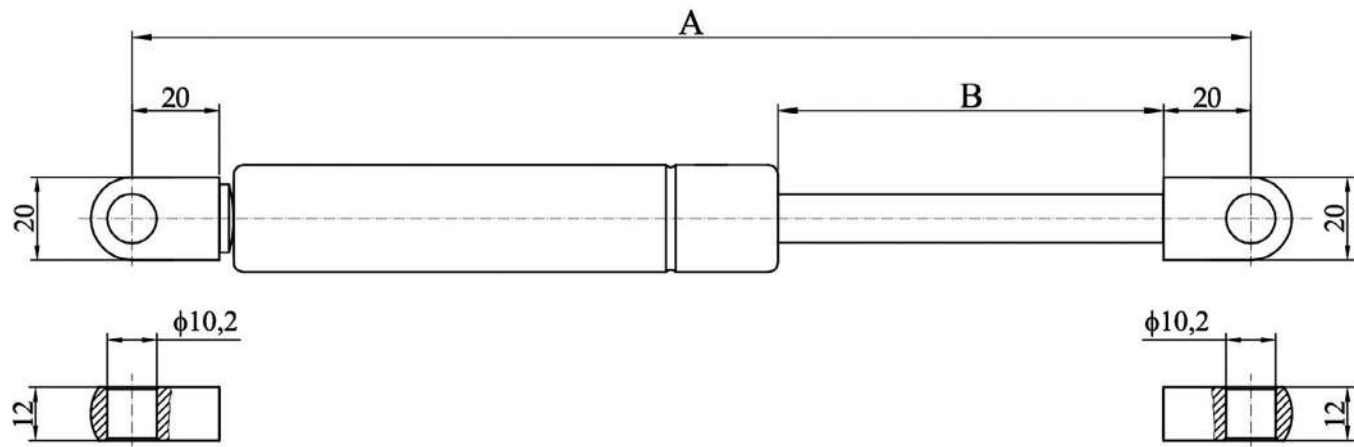


A Extended Lenght	B Stroke	F1	Reference No.
350	100	200	S274.9102
		500	S274.9102-1
		800	S274.9102-2
		1000	S274.9102-3
		1300	S274.9102-4
		1500	S274.9102-5
		1700	S274.9102-6
		1900	S274.9102-7
		2100	S274.9102-8
		2300	S274.9102-9
		2500	S274.9102-10
450	150	200	S274.9152
		500	S274.9152-1
		800	S274.9152-2
		1000	S274.9152-3
		1300	S274.9152-4
		1500	S274.9152-5
		1700	S274.9152-6
		1900	S274.9152-7
		2100	S274.9152-8
		2300	S274.9152-9
		2500	S274.9152-10
550	200	200	S274.9202
		500	S274.9202-1
		800	S274.9202-2
		1000	S274.9202-3
		1300	S274.9202-4
		1500	S274.9202-5
		1700	S274.9202-6
		1900	S274.9202-7
		2100	S274.9202-8
		2300	S274.9202-9
		2500	S274.9202-10
650	250	200	S274.9252
		500	S274.9252-1
		800	S274.9252-2
		1000	S274.9252-3
		1300	S274.9252-4
		1500	S274.9252-5
		1700	S274.9252-6
		1900	S274.9252-7
		2100	S274.9252-8
		2300	S274.9252-9
		2500	S274.9252-10

A Extended Lenght	B Stroke	F1	Reference No.
750	300	200	S274.9302
		500	S274.9302-1
		800	S274.9302-2
		1000	S274.9302-3
		1300	S274.9302-4
		1500	S274.9302-5
		1700	S274.9302-6
		1900	S274.9302-7
		2100	S274.9302-8
		2300	S274.9302-9
		2500	S274.9302-10
850	350	200	S274.9352
		500	S274.9352-1
		800	S274.9352-2
		1000	S274.9352-3
		1300	S274.9352-4
		1500	S274.9352-5
		1700	S274.9352-6
		1900	S274.9352-7
		2100	S274.9352-8
		2300	S274.9352-9
		2500	S274.9352-10
950	400	200	S274.9402
		500	S274.9402-1
		800	S274.9402-2
		1000	S274.9402-3
		1300	S274.9402-4
		1500	S274.9402-5
		1700	S274.9402-6
		1900	S274.9402-7
		2100	S274.9402-8
		2300	S274.9402-9
		2500	S274.9402-10
1150	500	200	S274.9502
		500	S274.9502-1
		800	S274.9502-2
		1000	S274.9502-3
		1300	S274.9502-4
		1500	S274.9502-5
		1700	S274.9502-6
		1900	S274.9502-7
		2100	S274.9502-8
		2300	S274.9502-9
		2500	S274.9502-10

Gas Spring

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Eyelet Type 2

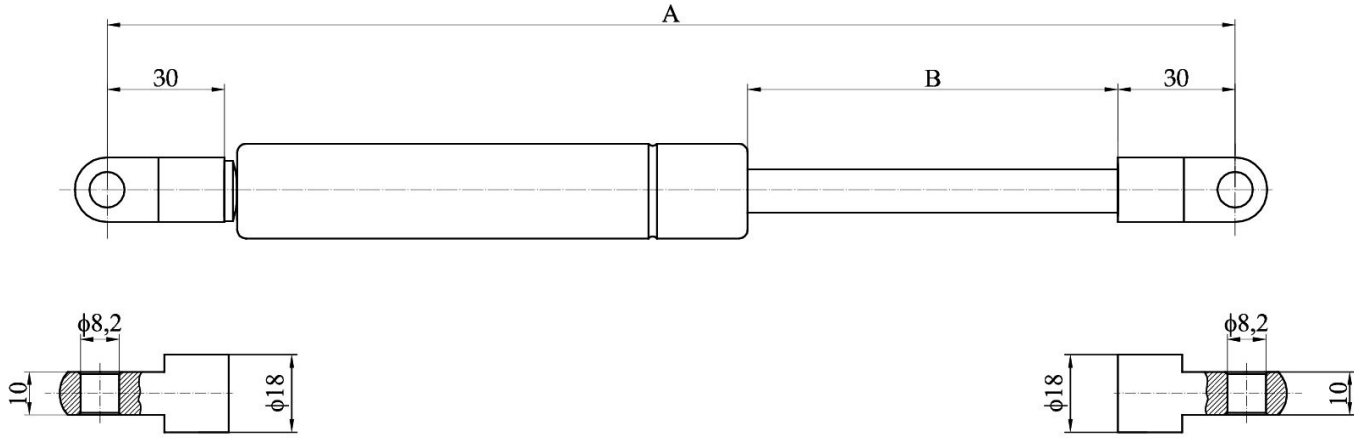


A Extended Lenght	B Stroke	F1	Reference No.
350	100	200	S274.9103
		500	S274.9103-1
		800	S274.9103-2
		1000	S274.9103-3
		1300	S274.9103-4
		1500	S274.9103-5
		1700	S274.9103-6
		1900	S274.9103-7
		2100	S274.9103-8
		2300	S274.9103-9
		2500	S274.9103-10
450	150	200	S274.9153
		500	S274.9153-1
		800	S274.9153-2
		1000	S274.9153-3
		1300	S274.9153-4
		1500	S274.9153-5
		1700	S274.9153-6
		1900	S274.9153-7
		2100	S274.9153-8
		2300	S274.9153-9
		2500	S274.9153-10
550	200	200	S274.9203
		500	S274.9203-1
		800	S274.9203-2
		1000	S274.9203-3
		1300	S274.9203-4
		1500	S274.9203-5
		1700	S274.9203-6
		1900	S274.9203-7
		2100	S274.9203-8
		2300	S274.9203-9
		2500	S274.9203-10
650	250	200	S274.9253
		500	S274.9253-1
		800	S274.9253-2
		1000	S274.9253-3
		1300	S274.9253-4
		1500	S274.9253-5
		1700	S274.9253-6
		1900	S274.9253-7
		2100	S274.9253-8
		2300	S274.9253-9
		2500	S274.9253-10

A Extended Lenght	B Stroke	F1	Reference No.
750	300	200	S274.9303
		500	S274.9303-1
		800	S274.9303-2
		1000	S274.9303-3
		1300	S274.9303-4
		1500	S274.9303-5
		1700	S274.9303-6
		1900	S274.9303-7
		2100	S274.9303-8
		2300	S274.9303-9
		2500	S274.9303-10
850	350	200	S274.9353
		500	S274.9353-1
		800	S274.9353-2
		1000	S274.9353-3
		1300	S274.9353-4
		1500	S274.9353-5
		1700	S274.9353-6
		1900	S274.9353-7
		2100	S274.9353-8
		2300	S274.9353-9
		2500	S274.9353-10
950	400	200	S274.9403
		500	S274.9403-1
		800	S274.9403-2
		1000	S274.9403-3
		1300	S274.9403-4
		1500	S274.9403-5
		1700	S274.9403-6
		1900	S274.9403-7
		2100	S274.9403-8
		2300	S274.9403-9
		2500	S274.9403-10
1150	500	200	S274.9503
		500	S274.9503-1
		800	S274.9503-2
		1000	S274.9503-3
		1300	S274.9503-4
		1500	S274.9503-5
		1700	S274.9503-6
		1900	S274.9503-7
		2100	S274.9503-8
		2300	S274.9503-9
		2500	S274.9503-10

Gas Spring

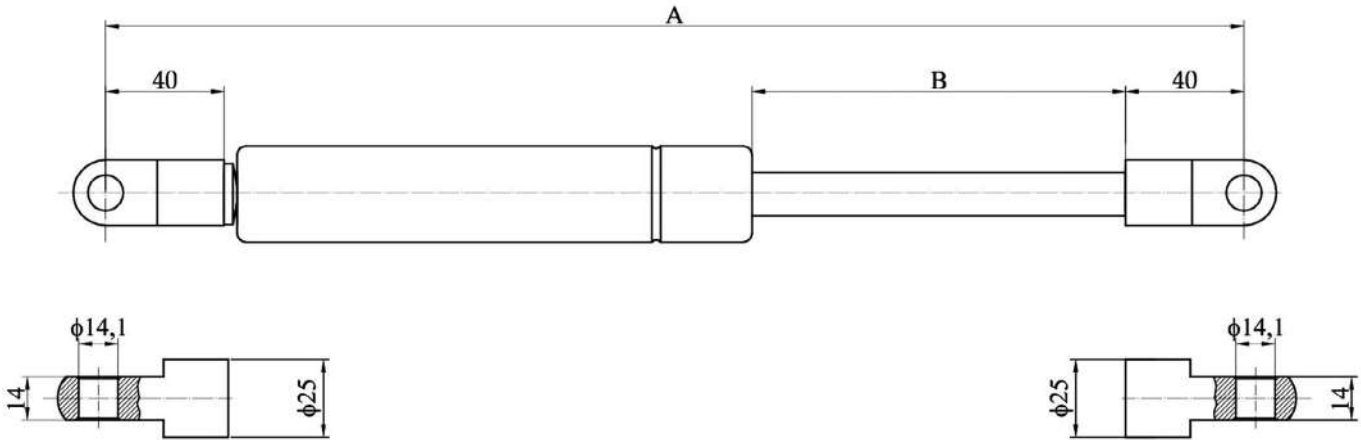
14/28 ■
Eyelet Type 3



A Extended Lenght	B Stroke	F1	Reference No.
350	100	200	S274.9104
		500	S274.9104-1
		800	S274.9104-2
		1000	S274.9104-3
		1300	S274.9104-4
		1500	S274.9104-5
		1700	S274.9104-6
		1900	S274.9104-7
		2100	S274.9104-8
		2300	S274.9104-9
		2500	S274.9104-10
450	150	200	S274.9154
		500	S274.9154-1
		800	S274.9154-2
		1000	S274.9154-3
		1300	S274.9154-4
		1500	S274.9154-5
		1700	S274.9154-6
		1900	S274.9154-7
		2100	S274.9154-8
		2300	S274.9154-9
		2500	S274.9154-10
550	200	200	S274.9204
		500	S274.9204-1
		800	S274.9204-2
		1000	S274.9204-3
		1300	S274.9204-4
		1500	S274.9204-5
		1700	S274.9204-6
		1900	S274.9204-7
		2100	S274.9204-8
		2300	S274.9204-9
		2500	S274.9204-10
650	250	200	S274.9254
		500	S274.9254-1
		800	S274.9254-2
		1000	S274.9254-3
		1300	S274.9254-4
		1500	S274.9254-5
		1700	S274.9254-6
		1900	S274.9254-7
		2100	S274.9254-8
		2300	S274.9254-9
		2500	S274.9254-10

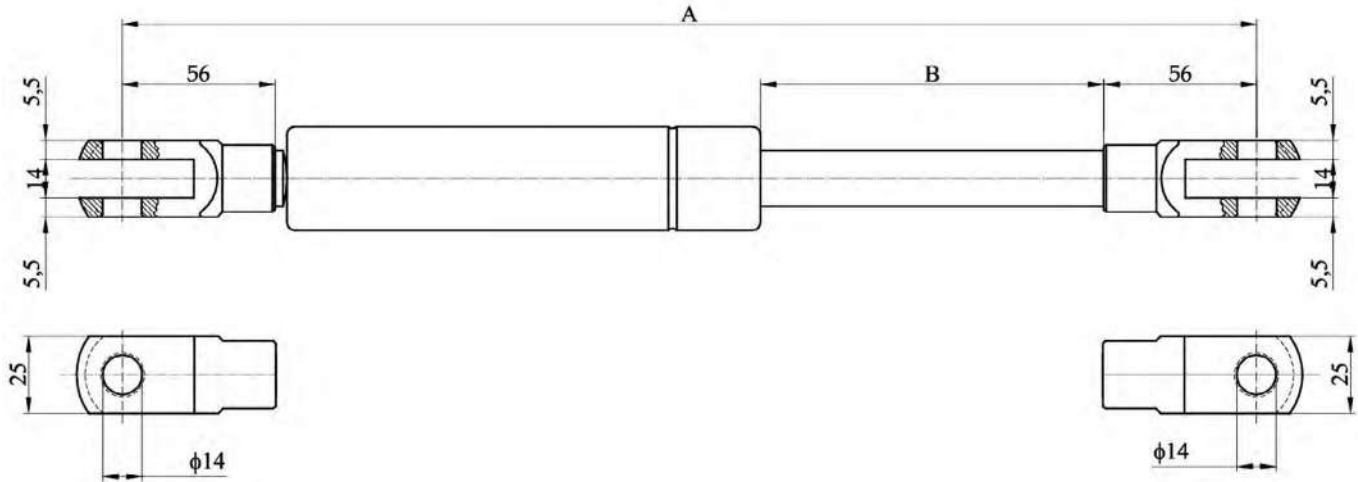
A Extended Lenght	B Stroke	F1	Reference No.
750	300	200	S274.9304
		500	S274.9304-1
		800	S274.9304-2
		1000	S274.9304-3
		1300	S274.9304-4
		1500	S274.9304-5
		1700	S274.9304-6
		1900	S274.9304-7
		2100	S274.9304-8
		2300	S274.9304-9
		2500	S274.9304-10
850	350	200	S274.9354
		500	S274.9354-1
		800	S274.9354-2
		1000	S274.9354-3
		1300	S274.9354-4
		1500	S274.9354-5
		1700	S274.9354-6
		1900	S274.9354-7
		2100	S274.9354-8
		2300	S274.9354-9
		2500	S274.9354-10
950	400	200	S274.9404
		500	S274.9404-1
		800	S274.9404-2
		1000	S274.9404-3
		1300	S274.9404-4
		1500	S274.9404-5
		1700	S274.9404-6
		1900	S274.9404-7
		2100	S274.9404-8
		2300	S274.9404-9
		2500	S274.9404-10
1150	500	200	S274.9504
		500	S274.9504-1
		800	S274.9504-2
		1000	S274.9504-3
		1300	S274.9504-4
		1500	S274.9504-5
		1700	S274.9504-6
		1900	S274.9504-7
		2100	S274.9504-8
		2300	S274.9504-9
		2500	S274.9504-10

Gas Spring
20/40 ■
Eyelet Type 3



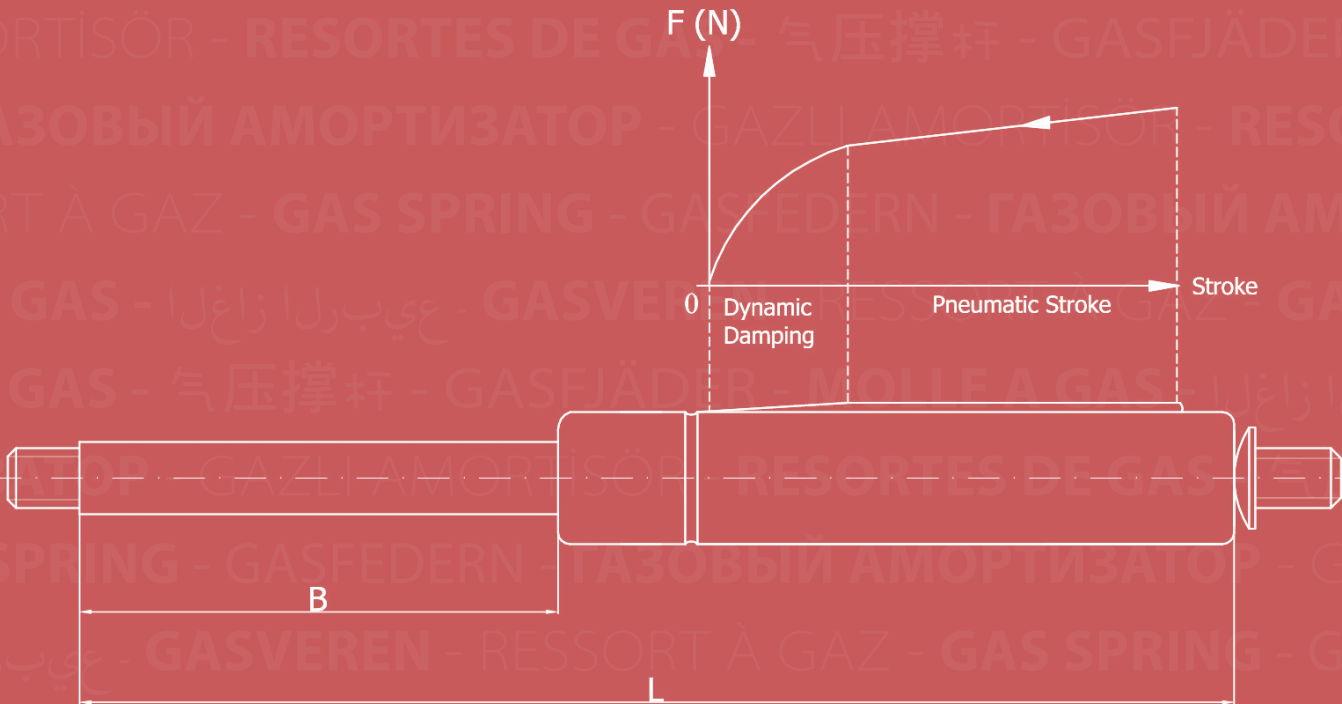
A Extended Lenght	B Stroke	F1	Reference No.
400	100	500	S402.9101
		1000	S402.9101-1
		1500	S402.9101-2
		2000	S402.9101-3
		2500	S402.9101-4
		3000	S402.9101-5
500	150	500	S402.9151
		1000	S402.9151-1
		1500	S402.9151-2
		2000	S402.9151-3
		2500	S402.9151-4
		3000	S402.9151-5
600	200	500	S402.9201
		1000	S402.9201-1
		1500	S402.9201-2
		2000	S402.9201-3
		2500	S402.9201-4
		3000	S402.9201-5
700	250	500	S402.9251
		1000	S402.9251-1
		1500	S402.9251-2
		2000	S402.9251-3
		2500	S402.9251-4
		3000	S402.9251-5
800	300	500	S402.9301
		1000	S402.9301-1
		1500	S402.9301-2
		2000	S402.9301-3
		2500	S402.9301-4
		3000	S402.9301-5
900	350	500	S402.9351
		1000	S402.9351-1
		1500	S402.9351-2
		2000	S402.9351-3
		2500	S402.9351-4
		3000	S402.9351-5
1000	400	500	S402.9401
		1000	S402.9401-1
		1500	S402.9401-2
		2000	S402.9401-3
		2500	S402.9401-4
		3000	S402.9401-5
1200	500	500	S402.9501
		1000	S402.9501-1
		1500	S402.9501-2
		2000	S402.9501-3
		2500	S402.9501-4
		3000	S402.9501-5

Gas Spring
20/40 ■
Clevis Type 1



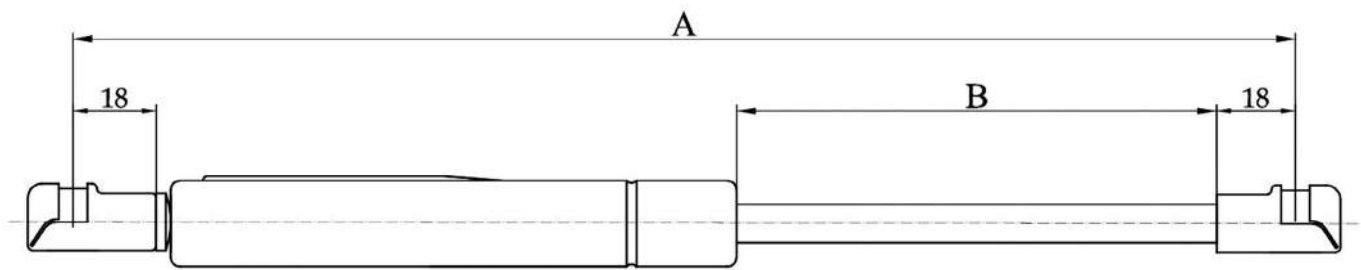
A Extended Lenght	B Stroke	F1	Reference No.
420	100	500	S402.9102
		1000	S402.9102-1
		1500	S402.9102-2
		2000	S402.9102-3
		2500	S402.9102-4
		3000	S402.9102-5
460	150	500	S402.9152
		1000	S402.9152-1
		1500	S402.9152-2
		2000	S402.9152-3
		2500	S402.9152-4
		3000	S402.9152-5
500	200	500	S402.9202
		1000	S402.9202-1
		1500	S402.9202-2
		2000	S402.9202-3
		2500	S402.9202-4
		3000	S402.9202-5
540	250	500	S402.9252
		1000	S402.9252-1
		1500	S402.9252-2
		2000	S402.9252-3
		2500	S402.9252-4
		3000	S402.9252-5
580	300	500	S402.9302
		1000	S402.9302-1
		1500	S402.9302-2
		2000	S402.9302-3
		2500	S402.9302-4
		3000	S402.9302-5
620	350	500	S402.9352
		1000	S402.9352-1
		1500	S402.9352-2
		2000	S402.9352-3
		2500	S402.9352-4
		3000	S402.9352-5
660	400	500	S402.9402
		1000	S402.9402-1
		1500	S402.9402-2
		2000	S402.9402-3
		2500	S402.9402-4
		3000	S402.9402-5
700	500	500	S402.9502
		1000	S402.9502-1
		1500	S402.9502-2
		2000	S402.9502-3
		2500	S402.9502-4
		3000	S402.9502-5

Dynamic Type Gas Springs



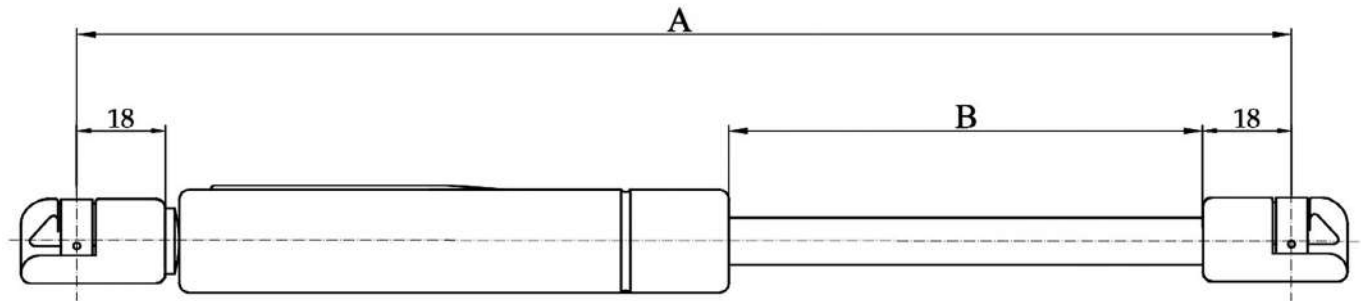
TYPE		L (Extended Length)		B (Stroke)		F: Force (N)	
D1 (Piston Rod Diameter)	D2 (Tube Diameter)	Min	Max	Min	Max	Min	Max
6	15	90	400	20	150	50	400
8	18	100	700	25	300	50	800
10	22	150	900	40	400	100	1200
10	27	200	1300	40	600	100	1400
14	28	300	1500	50	700	150	2500

Dynamic Type
6/15 ■
Plastic Ball Cups Type 4



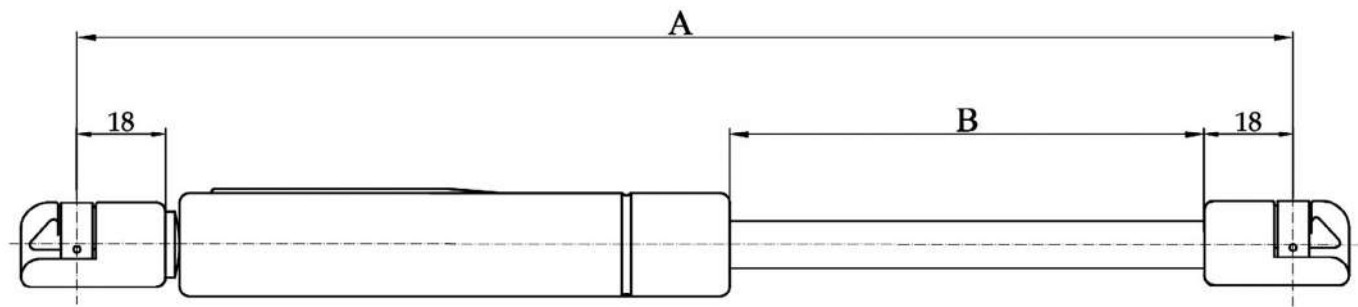
A Extended Lenght	B Stroke	F1	Reference No.
110	20	50	C156.9021
		100	C156.9021-1
		150	C156.9021-2
		200	C156.9021-3
		250	C156.9021-4
		300	C156.9021-5
		350	C156.9021-6
150	40	400	C156.9021-7
		50	C156.9041
		100	C156.9041-1
		150	C156.9041-2
		200	C156.9041-3
		250	C156.9041-4
		300	C156.9041-5
190	60	350	C156.9041-6
		400	C156.9041-7
		50	C156.9061
		100	C156.9061-1
		150	C156.9061-2
		200	C156.9061-3
		250	C156.9061-4
230	80	300	C156.9061-5
		350	C156.9061-6
		400	C156.9061-7
		50	C156.9081
		100	C156.9081-1
		150	C156.9081-2
		200	C156.9081-3
270	100	250	C156.9081-4
		300	C156.9081-5
		350	C156.9081-6
		400	C156.9081-7
		50	C156.9101
		100	C156.9101-1
		150	C156.9101-2
310	120	200	C156.9101-3
		250	C156.9101-4
		300	C156.9101-5
		350	C156.9101-6
		400	C156.9101-7
		50	C156.9121
		100	C156.9121-1
370	150	150	C156.9121-2
		200	C156.9121-3
		250	C156.9121-4
		300	C156.9121-5
		350	C156.9121-6
		400	C156.9121-7
		50	C156.9151

Dynamic Type
8/18 ■
Plastic Ball Cups Type 1



A Extended Lenght	B Stroke	F1	Reference No.
200	60	100	C188.9061
		150	C188.9061-1
		200	C188.9061-2
		250	C188.9061-3
		300	C188.9061-4
		350	C188.9061-5
		400	C188.9061-6
		500	C188.9061-7
		600	C188.9061-8
		700	C188.9061-9
240	80	800	C188.9061-10
		100	C188.9081
		150	C188.9081-1
		200	C188.9081-2
		250	C188.9081-3
		300	C188.9081-4
		350	C188.9081-5
		400	C188.9081-6
		500	C188.9081-7
		600	C188.9081-8
280	100	700	C188.9081-9
		800	C188.9081-10
		100	C188.9101
		150	C188.9101-1
		200	C188.9101-2
		250	C188.9101-3
		300	C188.9101-4
		350	C188.9101-5
		400	C188.9101-6
		500	C188.9101-7
320	120	600	C188.9101-8
		700	C188.9101-9
		800	C188.9101-10
		100	C188.9121
		150	C188.9121-1
		200	C188.9121-2
		250	C188.9121-3
		300	C188.9121-4
		350	C188.9121-5
		400	C188.9121-6
360	140	500	C188.9121-7
		600	C188.9121-8
		700	C188.9121-9
		800	C188.9121-10
		100	C188.9141
		150	C188.9141-1
		200	C188.9141-2
		250	C188.9141-3
		300	C188.9141-4
		350	C188.9141-5
400	160	400	C188.9141-6
		500	C188.9141-7
		600	C188.9141-8
		700	C188.9141-9
		800	C188.9141-10
440	180	100	C188.9161
		150	C188.9161-1
		200	C188.9161-2
		250	C188.9161-3
		300	C188.9161-4
		350	C188.9161-5
		400	C188.9161-6
		500	C188.9161-7
		600	C188.9161-8
		700	C188.9161-9
480	200	800	C188.9161-10
		100	C188.9181
		150	C188.9181-1
		200	C188.9181-2
		250	C188.9181-3
		300	C188.9181-4
		350	C188.9181-5
		400	C188.9181-6
		500	C188.9181-7
		600	C188.9181-8
520	220	700	C188.9181-9
		800	C188.9181-10
		100	C188.9201
		150	C188.9201-1
		200	C188.9201-2
		250	C188.9201-3
		300	C188.9201-4
		350	C188.9201-5
		400	C188.9201-6
		500	C188.9201-7
580	250	600	C188.9201-8
		700	C188.9201-9
		800	C188.9201-10
		100	C188.9221
		150	C188.9221-1
		200	C188.9221-2
		250	C188.9221-3
		300	C188.9221-4
		350	C188.9221-5
		400	C188.9221-6
		500	C188.9221-7
		600	C188.9221-8
		700	C188.9221-9
		800	C188.9221-10
		100	C188.9251
		150	C188.9251-1
		200	C188.9251-2
		250	C188.9251-3
		300	C188.9251-4
		350	C188.9251-5
		400	C188.9251-6
		500	C188.9251-7
		600	C188.9251-8
		700	C188.9251-9
		800	C188.9251-10

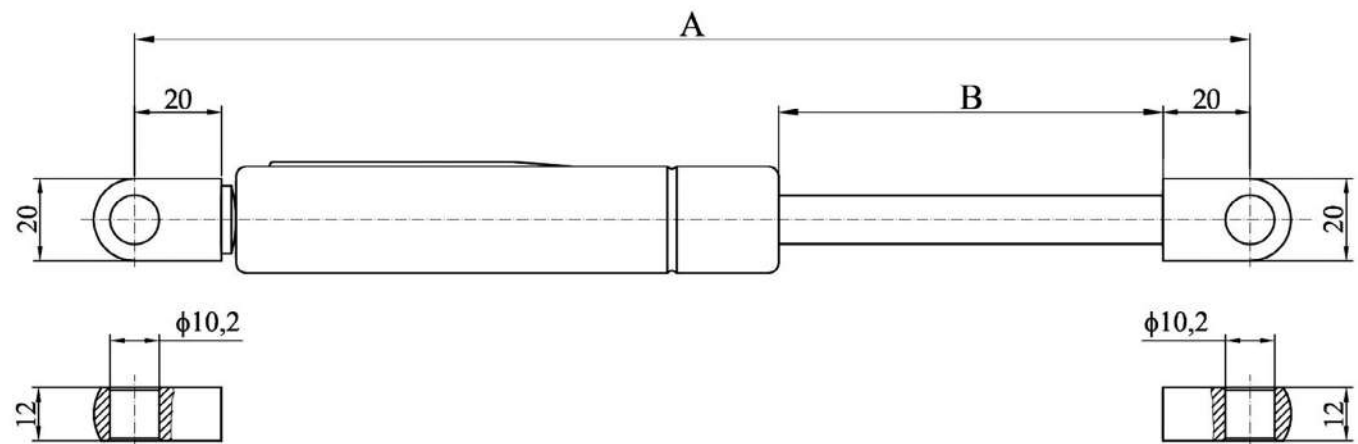
Dynamic Type
10/22 ■
Plastic Ball Cups Type 1



A Extended Lenght	B Stroke	F1	Reference No.
300	100	100	C220.9101
		200	C220.9101-2
		300	C220.9101-4
		400	C220.9101-6
		500	C220.9101-7
		600	C220.9101-8
		700	C220.9101-9
		800	C220.9101-10
		900	C220.9101-11
		1000	C220.9101-12
400	150	1200	C220.9101-14
		100	C220.9151
		200	C220.9151-2
		300	C220.9151-4
		400	C220.9151-6
		500	C220.9151-7
		600	C220.9151-8
		700	C220.9151-9
		800	C220.9151-10
		900	C220.9151-11
500	200	1000	C220.9151-12
		1200	C220.9151-14
		100	C220.9201
		200	C220.9201-2
		300	C220.9201-4
		400	C220.9201-6
		500	C220.9201-7
		600	C220.9201-8
		700	C220.9201-9
		800	C220.9201-10
600	250	900	C220.9201-11
		1000	C220.9201-12
		1200	C220.9201-14
		100	C220.9251
		200	C220.9251-2
		300	C220.9251-4
		400	C220.9251-6
		500	C220.9251-7
		600	C220.9251-8
		700	C220.9251-9
		800	C220.9251-10
		900	C220.9251-11
		1000	C220.9251-12
		1200	C220.9251-14

A Extended Lenght	B Stroke	F1	Reference No.
700	300	100	C220.9301
		200	C220.9301-2
		300	C220.9301-4
		400	C220.9301-6
		500	C220.9301-7
		600	C220.9301-8
		700	C220.9301-9
		800	C220.9301-10
		900	C220.9301-11
		1000	C220.9301-12
800	350	1200	C220.9301-14
		100	C220.9351
		200	C220.9351-2
		300	C220.9351-4
		400	C220.9351-6
		500	C220.9351-7
		600	C220.9351-8
		700	C220.9351-9
		800	C220.9351-10
		900	C220.9351-11
900	400	1000	C220.9351-12
		1200	C220.9351-14
		100	C220.9401
		200	C220.9401-2
		300	C220.9401-4
		400	C220.9401-6
		500	C220.9401-7
		600	C220.9401-8
		700	C220.9401-9
		800	C220.9401-10
		900	C220.9401-11
		1000	C220.9401-12
		1200	C220.9401-14

Dynamic Type
14/28 ■
Eyelet Type 2

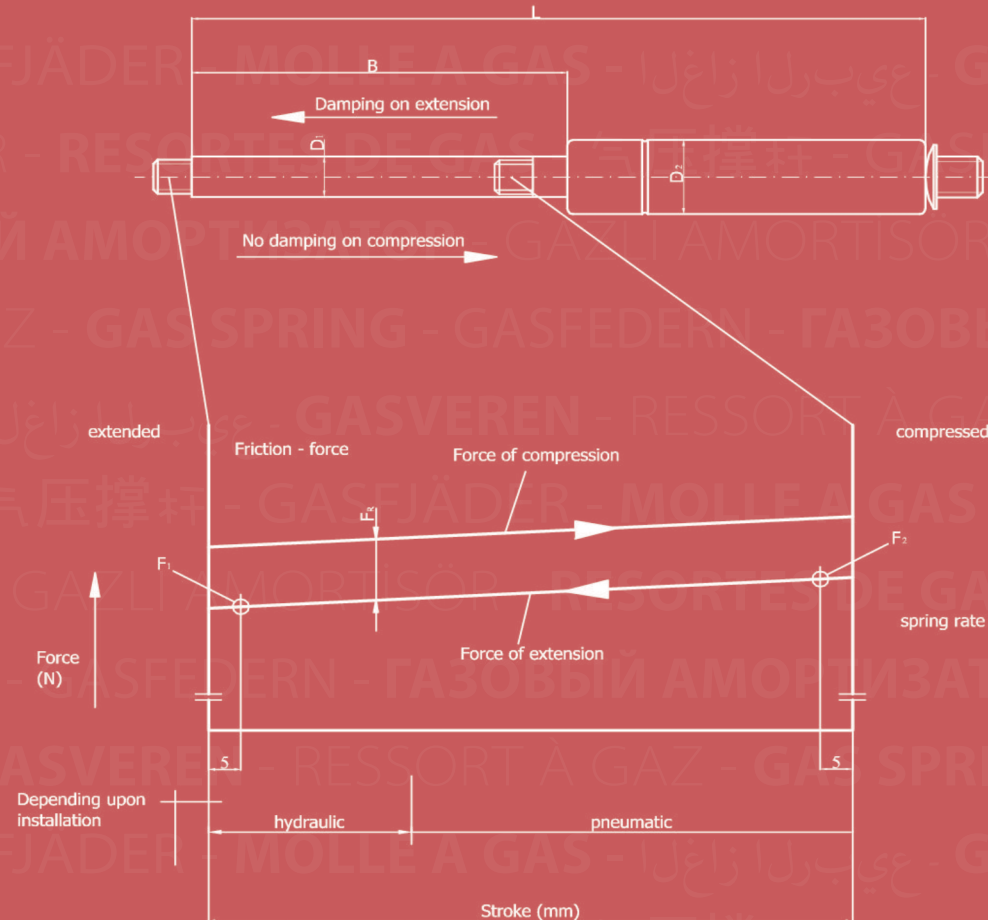


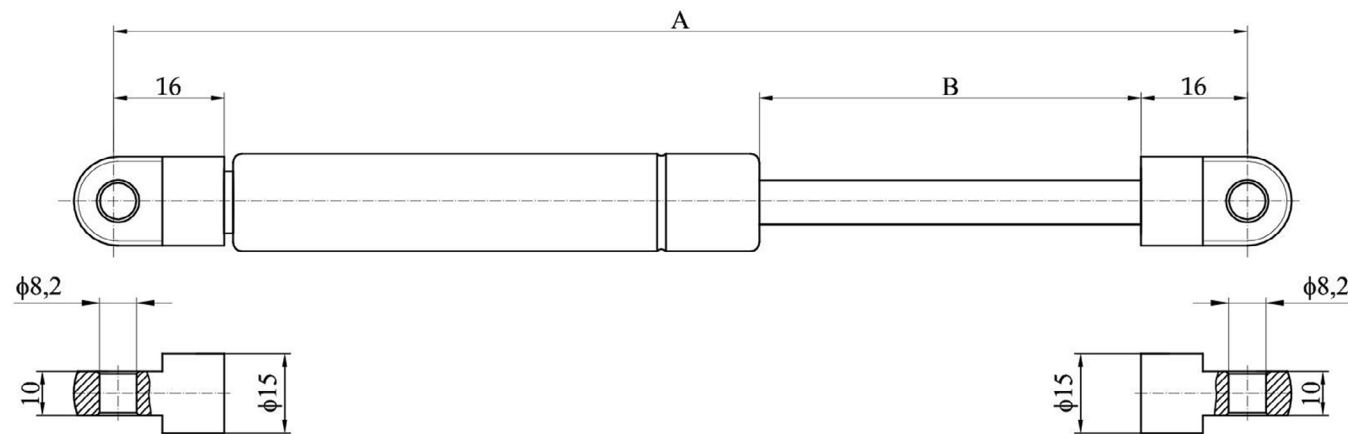
A Extended Lenght	B Stroke	F1	Reference No.
350	100	200	C274.9101
		500	C274.9101-1
		800	C274.9101-2
		1000	C274.9101-3
		1300	C274.9101-4
		1500	C274.9101-5
		1700	C274.9101-6
		1900	C274.9101-7
		2100	C274.9101-8
		2300	C274.9101-9
450	150	2500	C274.9101-10
		200	C274.9151
		500	C274.9151-1
		800	C274.9151-2
		1000	C274.9151-3
		1300	C274.9151-4
		1500	C274.9151-5
		1700	C274.9151-6
		1900	C274.9151-7
		2100	C274.9151-8
550	200	2300	C274.9151-9
		2500	C274.9151-10
		200	C274.9201
		500	C274.9201-1
		800	C274.9201-2
		1000	C274.9201-3
		1300	C274.9201-4
		1500	C274.9201-5
		1700	C274.9201-6
		1900	C274.9201-7
650	250	2100	C274.9201-8
		2300	C274.9201-9
		2500	C274.9201-10
		200	C274.9251
		500	C274.9251-1
		800	C274.9251-2
		1000	C274.9251-3
		1300	C274.9251-4
		1500	C274.9251-5
		1700	C274.9251-6
		1900	C274.9251-7
		2100	C274.9251-8
		2300	C274.9251-9
		2500	C274.9251-10

A Extended Lenght	B Stroke	F1	Reference No.
750	300	200	C274.9301
		500	C274.9301-1
		800	C274.9301-2
		1000	C274.9301-3
		1300	C274.9301-4
		1500	C274.9301-5
		1700	C274.9301-6
		1900	C274.9301-7
		2100	C274.9301-8
		2300	C274.9301-9
	2500	C274.9301-10	
850	350	200	C274.9351
		500	C274.9351-1
		800	C274.9351-2
		1000	C274.9351-3
		1300	C274.9351-4
		1500	C274.9351-5
		1700	C274.9351-6
		1900	C274.9351-7
		2100	C274.9351-8
		2300	C274.9351-9
	2500	C274.9351-10	
950	400	200	C274.9401
		500	C274.9401-1
		800	C274.9401-2
		1000	C274.9401-3
		1300	C274.9401-4
		1500	C274.9401-5
		1700	C274.9401-6
		1900	C274.9401-7
		2100	C274.9401-8
		2300	C274.9401-9
	2500	C274.9401-10	
1150	500	200	C274.9501
		500	C274.9501-1
		800	C274.9501-2
		1000	C274.9501-3
		1300	C274.9501-4
		1500	C274.9501-5
		1700	C274.9501-6
		1900	C274.9501-7
		2100	C274.9501-8
		2300	C274.9501-9
	2500	C274.9501-10	

Stainless Steel Gas Springs

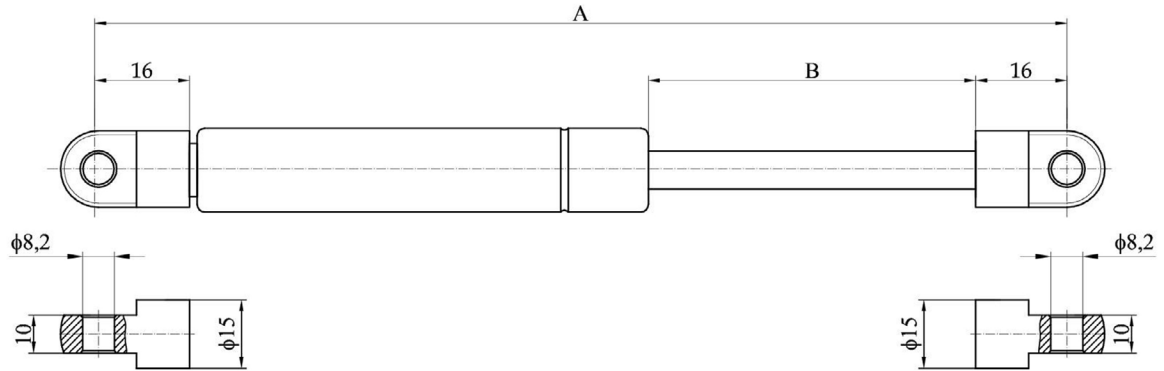
TYPE		L (Extended Length)		B (Stroke)		F: Force (N)	
D1 (Piston Rod Diameter)	D2 (Tube Diameter)	Min	Max	Min	Max	Min	Max
6	15	90	400	20	150	50	400
8	18	100	700	25	300	50	800
10	22	150	900	40	400	100	1200
14	28	300	1500	50	700	150	2500





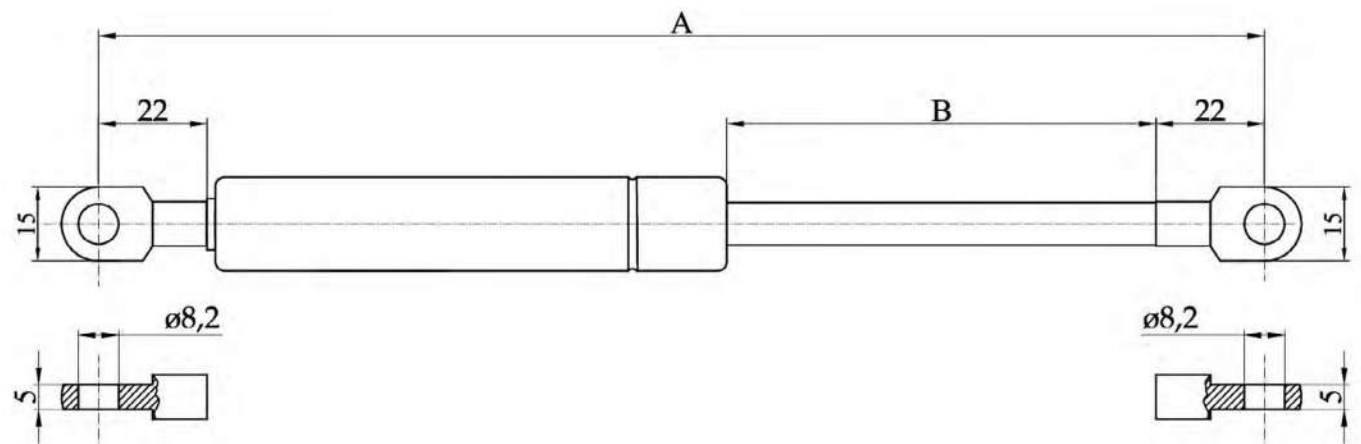
A Extended Lenght	B Stroke	F1	Reference No.
120	20	50	P156.9021
		100	P156.9021-1
		150	P156.9021-2
		200	P156.9021-3
		250	P156.9021-4
		300	P156.9021-5
		350	P156.9021-6
160	40	400	P156.9021-7
		50	P156.9041
		100	P156.9041-1
		150	P156.9041-2
		200	P156.9041-3
		250	P156.9041-4
		300	P156.9041-5
200	60	350	P156.9041-6
		400	P156.9041-7
		50	P156.9061
		100	P156.9061-1
		150	P156.9061-2
		200	P156.9061-3
		250	P156.9061-4
240	80	300	P156.9061-5
		350	P156.9061-6
		400	P156.9061-7
		50	P156.9081
		100	P156.9081-1
		150	P156.9081-2
		200	P156.9081-3

A Extended Lenght	B Stroke	F1	Reference No.
280	100	250	P156.9101-4
		300	P156.9101-5
		350	P156.9101-6
		400	P156.9101-7
		50	P156.9121
		100	P156.9121-1
		150	P156.9121-2
320	120	200	P156.9121-3
		250	P156.9121-4
		300	P156.9121-5
		350	P156.9121-6
		400	P156.9121-7
		50	P156.9141
		100	P156.9141-1
360	140	150	P156.9141-2
		200	P156.9141-3
		250	P156.9141-4
		300	P156.9141-5
		350	P156.9141-6
		400	P156.9141-7
		50	P156.9151
380	150	100	P156.9151-1
		150	P156.9151-2
		200	P156.9151-3
		250	P156.9151-4
		300	P156.9151-5
		350	P156.9151-6
		400	P156.9151-7



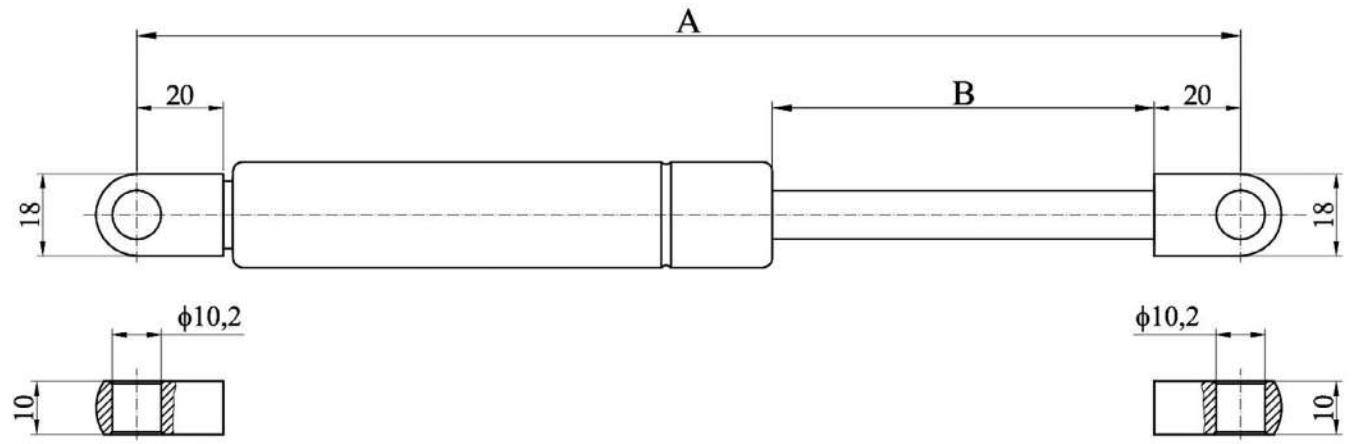
A Extended Lenght	B Stroke	F1	Reference No.
210	60	100	P188.9061
		150	P188.9061-1
		200	P188.9061-2
		250	P188.9061-3
		300	P188.9061-4
		350	P188.9061-5
		400	P188.9061-6
		500	P188.9061-7
		600	P188.9061-8
		700	P188.9061-9
250	80	800	P188.9061-10
		100	P188.9081
		150	P188.9081-1
		200	P188.9081-2
		250	P188.9081-3
		300	P188.9081-4
		350	P188.9081-5
		400	P188.9081-6
		500	P188.9081-7
		600	P188.9081-8
290	100	700	P188.9081-9
		800	P188.9081-10
		100	P188.9101
		150	P188.9101-1
		200	P188.9101-2
		250	P188.9101-3
		300	P188.9101-4
		350	P188.9101-5
		400	P188.9101-6
		500	P188.9101-7
330	120	600	P188.9101-8
		700	P188.9101-9
		800	P188.9101-10
		100	P188.9121
		150	P188.9121-1
		200	P188.9121-2
		250	P188.9121-3
		300	P188.9121-4
		350	P188.9121-5
		400	P188.9121-6
370	140	500	P188.9121-7
		600	P188.9121-8
		700	P188.9121-9
		800	P188.9121-10
		100	P188.9141
		150	P188.9141-1
		200	P188.9141-2
		250	P188.9141-3
		300	P188.9141-4
		350	P188.9141-5

A Extended Lenght	B Stroke	F1	Reference No.
410	160	400	P188.9161
		500	P188.9161-1
		600	P188.9161-2
		700	P188.9161-3
		800	P188.9161-4
		900	P188.9161-5
		1000	P188.9161-6
		1100	P188.9161-7
		1200	P188.9161-8
		1300	P188.9161-9
450	180	1400	P188.9161-10
		150	P188.9181
		200	P188.9181-1
		250	P188.9181-2
		300	P188.9181-3
		350	P188.9181-4
		400	P188.9181-5
		500	P188.9181-6
		600	P188.9181-7
		700	P188.9181-8
490	200	800	P188.9181-9
		900	P188.9181-10
		100	P188.9201
		150	P188.9201-1
		200	P188.9201-2
		250	P188.9201-3
		300	P188.9201-4
		350	P188.9201-5
		400	P188.9201-6
		500	P188.9201-7
530	220	600	P188.9201-8
		700	P188.9201-9
		800	P188.9201-10
		100	P188.9221
		150	P188.9221-1
		200	P188.9221-2
		250	P188.9221-3
		300	P188.9221-4
		350	P188.9221-5
		400	P188.9221-6
590	250	500	P188.9221-7
		600	P188.9221-8
		700	P188.9221-9
		800	P188.9221-10
		100	P188.9251
		150	P188.9251-1
		200	P188.9251-2
		250	P188.9251-3
		300	P188.9251-4
		350	P188.9251-5



A Extended Lenght	B Stroke	F1	Reference No.
300	100	100	P220.9101
		200	P220.9101-2
		300	P220.9101-4
		400	P220.9101-6
		500	P220.9101-7
		600	P220.9101-8
		700	P220.9101-9
		800	P220.9101-10
		900	P220.9101-11
		1000	P220.9101-12
		1200	P220.9101-14
		100	P220.9151
		200	P220.9151-2
		300	P220.9151-4
400	150	400	P220.9151-6
		500	P220.9151-7
		600	P220.9151-8
		700	P220.9151-9
		800	P220.9151-10
		900	P220.9151-11
		1000	P220.9151-12
		1200	P220.9151-14
		100	P220.9201
		200	P220.9201-2
		300	P220.9201-4
		400	P220.9201-6
		500	P220.9201-7
		600	P220.9201-8
500	200	700	P220.9201-9
		800	P220.9201-10
		900	P220.9201-11
		1000	P220.9201-12
		1200	P220.9201-14
		100	P220.9251
		200	P220.9251-2
		300	P220.9251-4
		400	P220.9251-6
		500	P220.9251-7
		600	P220.9251-8
		700	P220.9251-9
		800	P220.9251-10
		900	P220.9251-11
600	250	1000	P220.9251-12
		1200	P220.9251-14

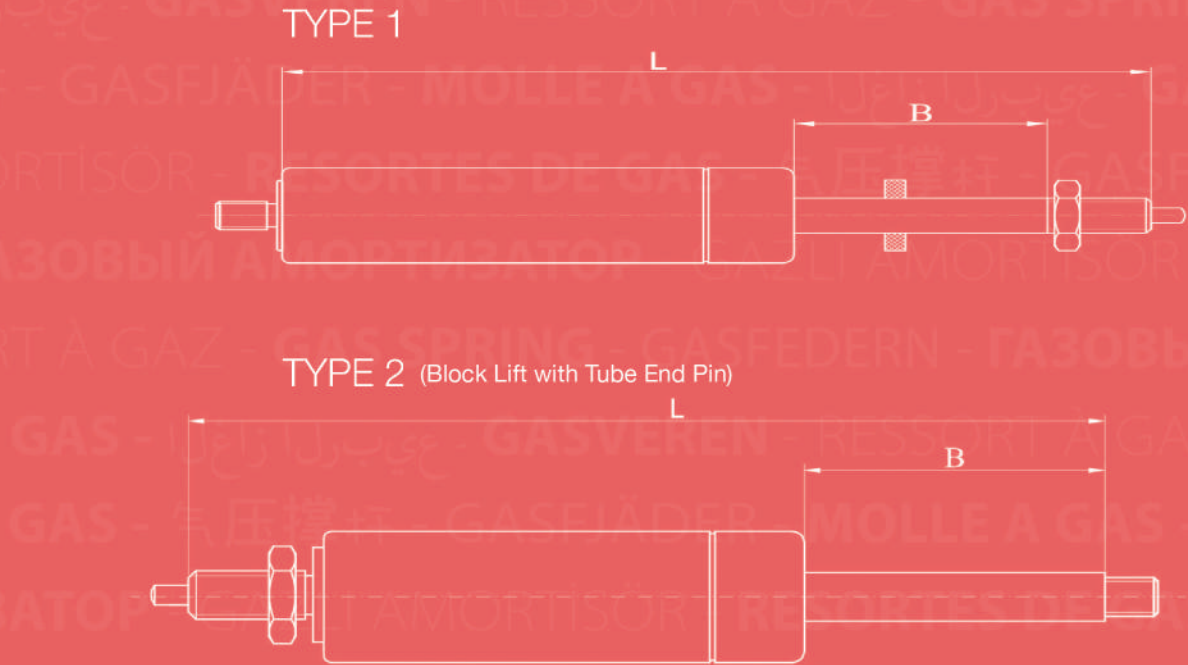
A Extended Lenght	B Stroke	F1	Reference No.
700	300	100	P220.9301
		200	P220.9301-2
		300	P220.9301-4
		400	P220.9301-6
		500	P220.9301-7
		600	P220.9301-8
		700	P220.9301-9
		800	P220.9301-10
		900	P220.9301-11
		1000	P220.9301-12
		1200	P220.9301-14
		100	P220.9351
		200	P220.9351-2
		300	P220.9351-4
800	350	400	P220.9351-6
		500	P220.9351-7
		600	P220.9351-8
		700	P220.9351-9
		800	P220.9351-10
		900	P220.9351-11
		1000	P220.9351-12
		1200	P220.9351-14
		100	P220.9401
		200	P220.9401-2
		300	P220.9401-4
		400	P220.9401-6
		500	P220.9401-7
		600	P220.9401-8
900	400	700	P220.9401-9
		800	P220.9401-10
		900	P220.9401-11
		1000	P220.9401-12
		1200	P220.9401-14



A Extended Lenght	B Stroke	F1	Reference No.
350	100	250	P274.9101
		500	P274.9101-1
		800	P274.9101-2
		1000	P274.9101-3
		1300	P274.9101-4
		1500	P274.9101-5
		1700	P274.9101-6
		1900	P274.9101-7
		2100	P274.9101-8
		2300	P274.9101-9
		2500	P274.9101-10
		250	P274.9151
		500	P274.9151-1
		800	P274.9151-2
450	150	1000	P274.9151-3
		1300	P274.9151-4
		1500	P274.9151-5
		1700	P274.9151-6
		1900	P274.9151-7
		2100	P274.9151-8
		2300	P274.9151-9
		2500	P274.9151-10
		250	P274.9201
		500	P274.9201-1
		800	P274.9201-2
		1000	P274.9201-3
		1300	P274.9201-4
		1500	P274.9201-5
550	200	1700	P274.9201-6
		1900	P274.9201-7
		2100	P274.9201-8
		2300	P274.9201-9
		2500	P274.9201-10
		250	P274.9251
		500	P274.9251-1
		800	P274.9251-2
		1000	P274.9251-3
		1300	P274.9251-4
		1500	P274.9251-5
		1700	P274.9251-6
		1900	P274.9251-7
		2100	P274.9251-8
650	250	2300	P274.9251-9
		2500	P274.9251-10

A Extended Lenght	B Stroke	F1	Reference No.
750	300	250	P274.9301
		500	P274.9301-1
		800	P274.9301-2
		1000	P274.9301-3
		1300	P274.9301-4
		1500	P274.9301-5
		1700	P274.9301-6
		1900	P274.9301-7
		2100	P274.9301-8
		2300	P274.9301-9
		2500	P274.9301-10
		250	P274.9351
		500	P274.9351-1
		800	P274.9351-2
850	350	1000	P274.9351-3
		1300	P274.9351-4
		1500	P274.9351-5
		1700	P274.9351-6
		1900	P274.9351-7
		2100	P274.9351-8
		2300	P274.9351-9
		2500	P274.9351-10
		250	P274.9401
		500	P274.9401-1
		800	P274.9401-2
		1000	P274.9401-3
		1300	P274.9401-4
		1500	P274.9401-5
950	400	1700	P274.9401-6
		1900	P274.9401-7
		2100	P274.9401-8
		2300	P274.9401-9
		2500	P274.9401-10
		250	P274.9501
		500	P274.9501-1
		800	P274.9501-2
		1000	P274.9501-3
		1300	P274.9501-4
		1500	P274.9501-5
		1700	P274.9501-6
		1900	P274.9501-7
		2100	P274.9501-8
1150	500	2300	P274.9501-9
		2500	P274.9501-10

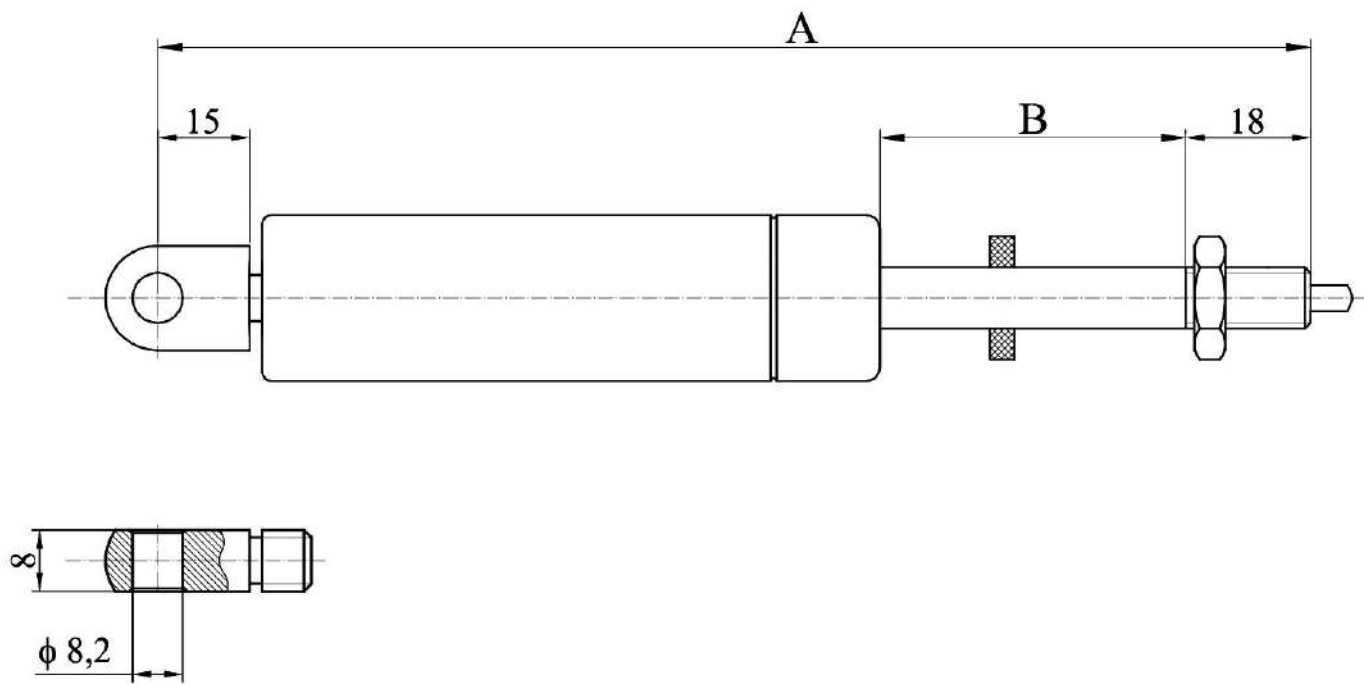
Locking Gas Springs



	TYPE 1		L (Extended Length)		B (Stroke)		F: Force (N)	
			Min	Max	Min	Max	Min	Max
Flexible	10	22	140	420	20	150	200	700
Rigid in compression	10	22	280	400	60	120	200	700
Rigid in extension	10	22	240	360	60	120	200	700
Flexible	10	27	160	700	30	300	200	1500
Rigid in compression	10	27	280	460	60	120	200	800
Rigid in extension	10	27	240	520	60	120	200	800

	TYPE 2		L (Extended Length)		B (Stroke)		F: Force (N)	
			Min	Max	Min	Max	Min	Max
Tube End Pin Flexible	10	27	240	720	60	300	200	800
Tube End Pin Rigid	10	27	240	420	60	150	200	800

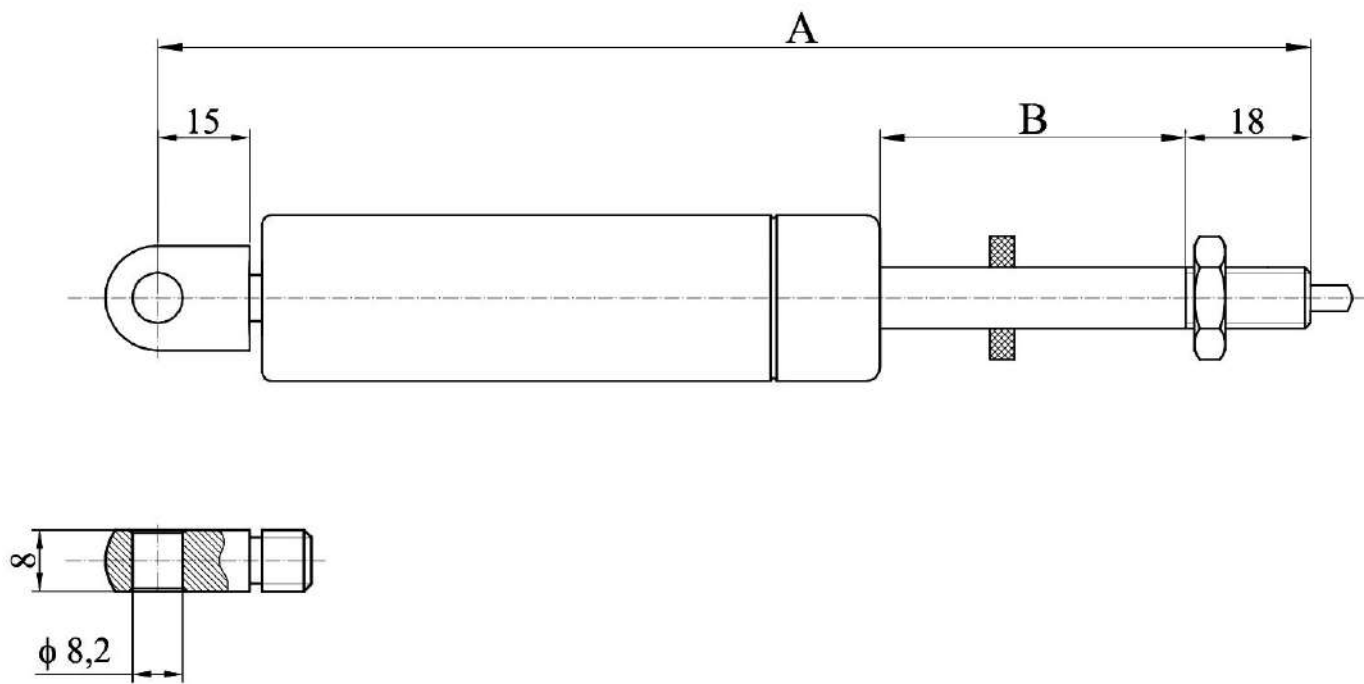
10/22
Flexible
Eyelet



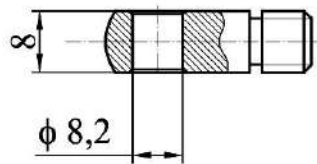
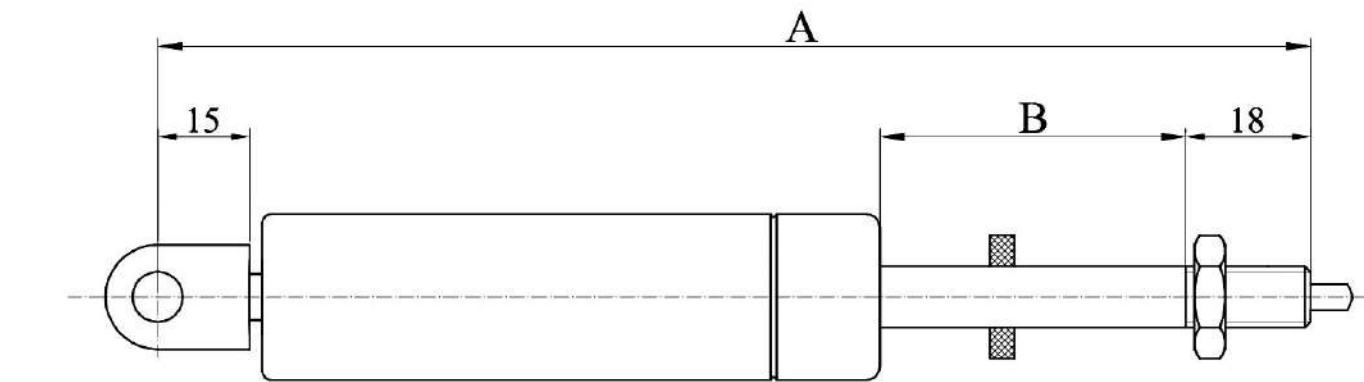
A Extended Lenght	B Stroke	F1	Reference No.
140	20	200	K221.9201
		300	K221.9201-1
		400	K221.9201-2
		500	K221.9201-3
		600	K221.9201-4
		700	K221.9201-5
145	25	200	K221.9251
		300	K221.9251-1
		400	K221.9251-2
		500	K221.9251-3
		600	K221.9251-4
		700	K221.9251-5
150	30	200	K221.9301
		300	K221.9301-1
		400	K221.9301-2
		500	K221.9301-3
		600	K221.9301-4
		700	K221.9301-5
160	40	200	K221.9401
		300	K221.9401-1
		400	K221.9401-2
		500	K221.9401-3
		600	K221.9401-4
		700	K221.9401-5

A Extended Lenght	B Stroke	F1	Reference No.
220	60	200	B221.9061
		300	B221.9061-1
		400	B221.9061-2
		500	B221.9061-3
		600	B221.9061-4
		700	B221.9061-5
260	80	200	B221.9081
		300	B221.9081-1
		400	B221.9081-2
		500	B221.9081-3
		600	B221.9081-4
		700	B221.9081-5
300	100	200	B221.9101
		300	B221.9101-1
		400	B221.9101-2
		500	B221.9101-3
		600	B221.9101-4
		700	B221.9101-5
340	120	200	B221.9121
		300	B221.9121-1
		400	B221.9121-2
		500	B221.9121-3
		600	B221.9121-4
		700	B221.9121-5
420	150	200	B221.9151
		300	B221.9151-1
		400	B221.9151-2
		500	B221.9151-3
		700	B221.9151-5

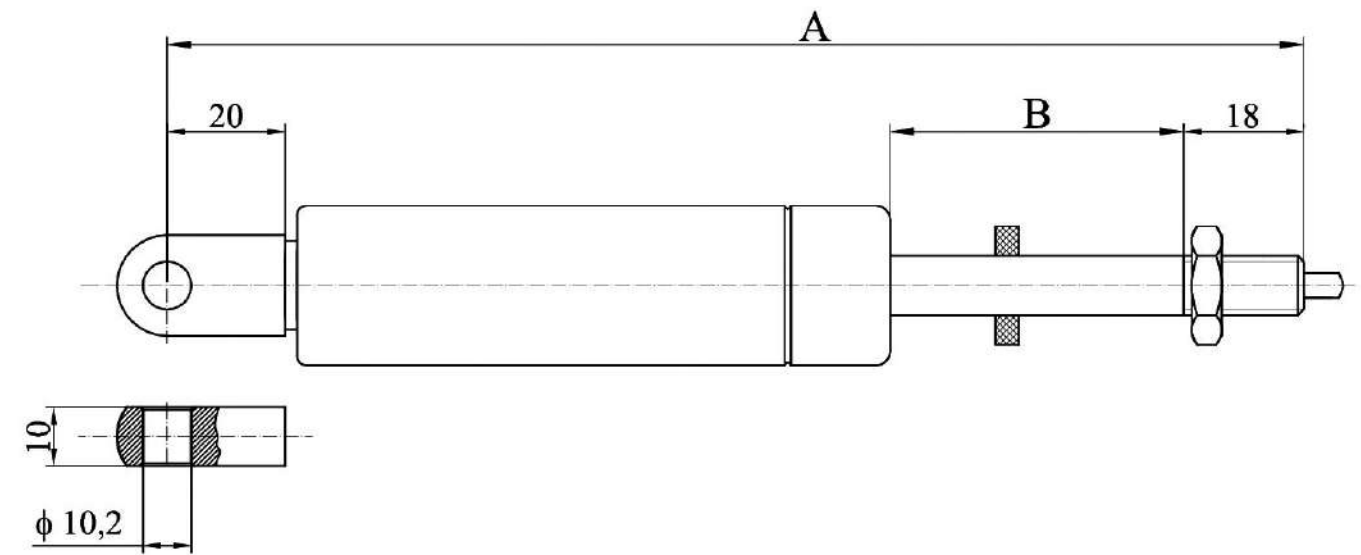
10/22
Rigid in Compression
Eyelet



A Extended Lenght	B Stroke	F1	Reference No.
280	60	200	B221.9062
		300	B221.9062-1
		400	B221.9062-2
		500	B221.9062-3
		600	B221.9062-4
		700	B221.9062-5
320	80	200	B221.9082
		300	B221.9082-1
		400	B221.9082-2
		500	B221.9082-3
		600	B221.9082-4
		700	B221.9082-5
360	100	200	B221.9102
		300	B221.9102-1
		400	B221.9102-2
		500	B221.9102-3
		600	B221.9102-4
		700	B221.9102-5
400	120	200	B221.9122
		300	B221.9122-1
		400	B221.9122-2
		500	B221.9122-3
		600	B221.9122-4
		700	B221.9122-5



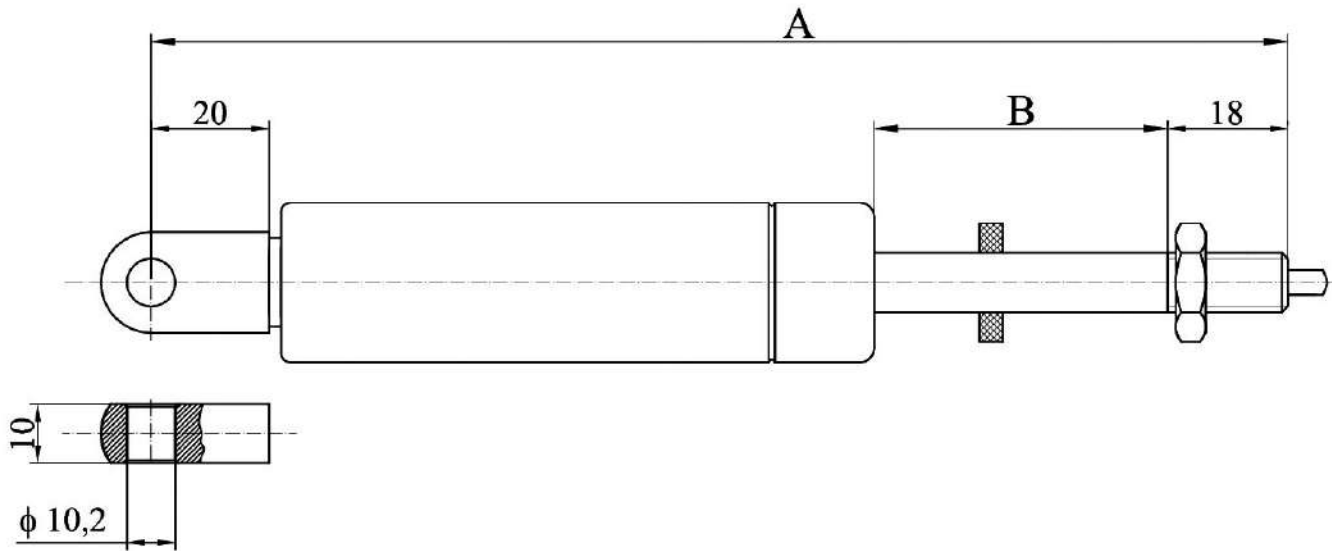
A Extended Lenght	B Stroke	F1	Reference No.
240	60	200	B221.9063
		300	B221.9063-1
		400	B221.9063-2
		500	B221.9063-3
		600	B221.9063-4
		700	B221.9063-5
280	80	200	B221.9083
		300	B221.9083-1
		400	B221.9083-2
		500	B221.9083-3
		600	B221.9083-4
		700	B221.9083-5
320	100	200	B221.9103
		300	B221.9103-1
		400	B221.9103-2
		500	B221.9103-3
		600	B221.9103-4
		700	B221.9103-5
360	120	200	B221.9123
		300	B221.9123-1
		400	B221.9123-2
		500	B221.9123-3
		600	B221.9123-4
		700	B221.9123-5



A Extended Lenght	B Stroke	F1	Reference No.
160	30	200	K227.9301
		300	K227.9301-1
		400	K227.9301-2
		500	K227.9301-3
		600	K227.9301-4
		700	K227.9301-5
180	40	800	K227.9301-6
		200	K227.9401
		300	K227.9401-1
		400	K227.9401-2
		500	K227.9401-3
		600	K227.9401-4
200	50	700	K227.9401-5
		800	K227.9401-6
		200	K227.9501
		300	K227.9501-1
		400	K227.9501-2
		500	K227.9501-3
220	60	600	K227.9501-4
		700	K227.9501-5
		800	K227.9501-6
		200	B227.9061
		300	B227.9061-1
		400	B227.9061-2
260	80	500	B227.9061-3
		600	B227.9061-4
		700	B227.9061-5
		800	B227.9061-6
		200	B227.9081
		300	B227.9081-1
300	100	400	B227.9081-2
		500	B227.9081-3
		600	B227.9081-4
		700	B227.9081-5
		800	B227.9081-6
		200	B227.9101

A Extended Lenght	B Stroke	F1	Reference No.
340	120	300	B227.9121
		400	B227.9121-1
		500	B227.9121-2
		600	B227.9121-3
		700	B227.9121-4
		800	B227.9121-5
420	160	1000	B227.9121-6
		200	B227.9121-7
		300	B227.9161
		400	B227.9161-1
		500	B227.9161-2
		600	B227.9161-3
500	200	700	B227.9161-4
		800	B227.9161-5
		1000	B227.9161-6
		200	B227.9201
		300	B227.9201-1
		400	B227.9201-2
580	240	500	B227.9201-3
		600	B227.9201-4
		700	B227.9201-5
		800	B227.9201-6
		1000	B227.9201-7
		1200	B227.9201-8
700	300	1500	B227.9201-9
		200	B227.9241
		300	B227.9241-1
		400	B227.9241-2
		500	B227.9241-3
		600	B227.9241-4
		700	B227.9241-5
		800	B227.9241-6
		1000	B227.9241-7
		1200	B227.9241-8
		1500	B227.9241-9
		200	B227.9301

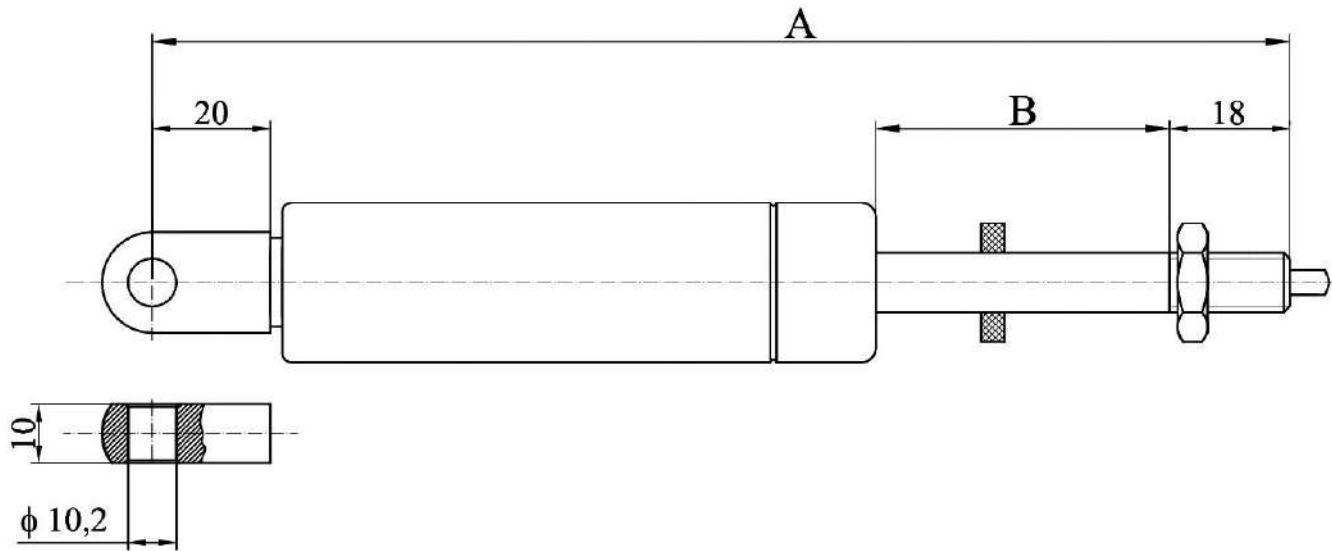
10/27 ■
Rigid in Compression
Eyelet



A Extended Lenght	B Stroke	F1	Reference No.
280	60	200	B227.9062
		300	B227.9062-1
		400	B227.9062-2
		500	B227.9062-3
		600	B227.9062-4
		700	B227.9062-5
320	80	800	B227.9062-6
		200	B227.9082
		300	B227.9082-1
		400	B227.9082-2
		500	B227.9082-3
		600	B227.9082-4
360	100	700	B227.9082-5
		800	B227.9082-6
		200	B227.9102
		300	B227.9102-1
		400	B227.9102-2
		500	B227.9102-3
		600	B227.9102-4
		700	B227.9102-5
		800	B227.9102-6

A Extended Lenght	B Stroke	F1	Reference No.
400	120	200	B227.9122
		300	B227.9122-1
		400	B227.9122-2
		500	B227.9122-3
		600	B227.9122-4
		700	B227.9122-5
460	150	800	B227.9122-6
		200	B227.9152
		300	B227.9152-1
		400	B227.9152-2
		500	B227.9152-3
		600	B227.9152-4
		700	B227.9152-5
		800	B227.9152-6

■ 10/27
Rigid in Extension
Eyelet

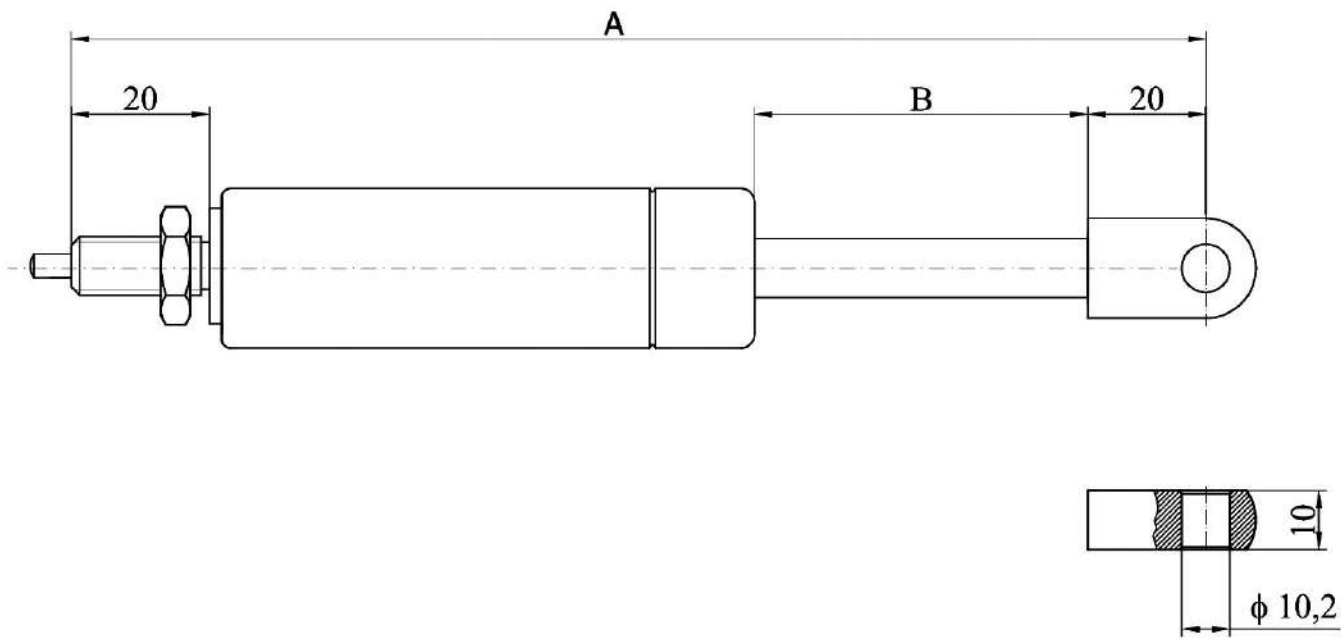


A Extended Lenght	B Stroke	F1	Reference No.
240	60	200	B227.9063
		300	B227.9063-1
		400	B227.9063-2
		500	B227.9063-3
		600	B227.9063-4
		700	B227.9063-5
280	80	800	B227.9063-6
		200	B227.9083
		300	B227.9083-1
		400	B227.9083-2
		500	B227.9083-3
		600	B227.9083-4
320	100	700	B227.9083-5
		800	B227.9083-6
		200	B227.9103
		300	B227.9103-1
		400	B227.9103-2
		500	B227.9103-3
		600	B227.9103-4
		700	B227.9103-5
		800	B227.9103-6

A Extended Lenght	B Stroke	F1	Reference No.
360	120	200	B227.9123
		300	B227.9123-1
		400	B227.9123-2
		500	B227.9123-3
		600	B227.9123-4
		700	B227.9123-5
440	160	800	B227.9123-6
		200	B227.9163
		300	B227.9163-1
		400	B227.9163-2
		500	B227.9163-3
		600	B227.9163-4
520	200	700	B227.9163-5
		800	B227.9163-6
		200	B227.9203
		300	B227.9203-1
		400	B227.9203-2
		500	B227.9203-3
		600	B227.9203-4
		700	B227.9203-5
		800	B227.9203-6

Locking Gas Springs

10/27 ■
Tube End Pin
Flexible
Eyelet

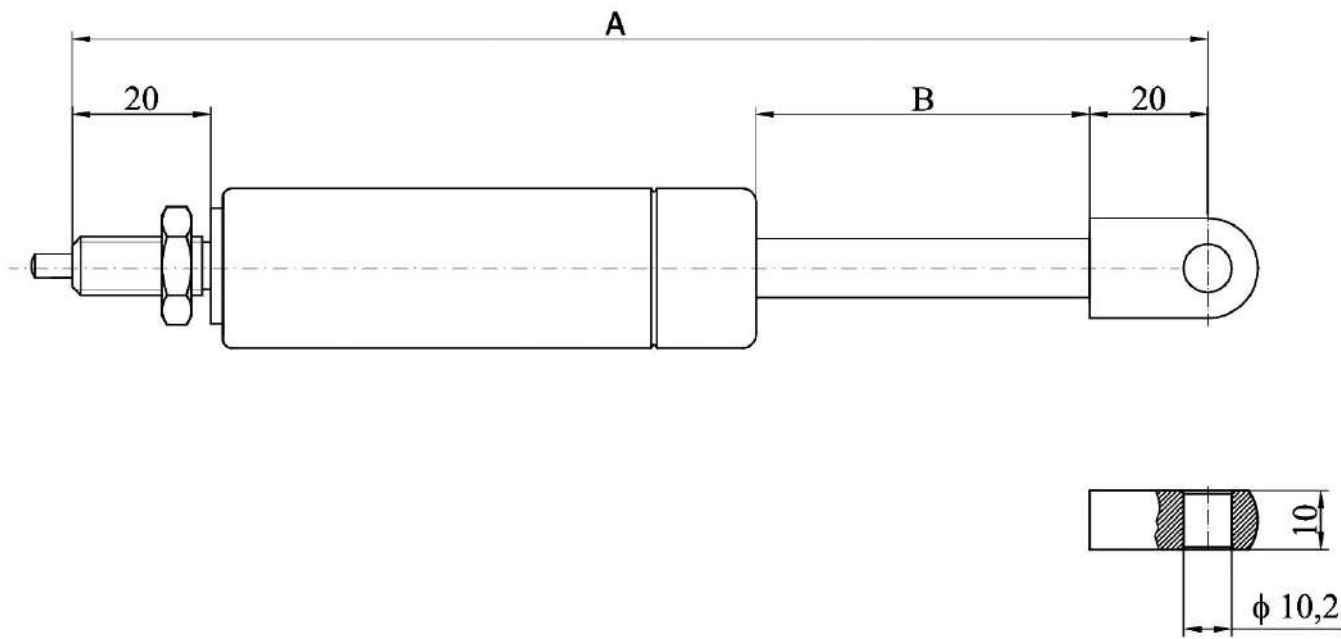


A Extended Lenght	B Stroke	F1	Reference No.
240	60	200	B227.9064
		300	B227.9064-1
		400	B227.9064-2
		500	B227.9064-3
		600	B227.9064-4
		700	B227.9064-5
280	80	800	B227.9064-6
		200	B227.9084
		300	B227.9084-1
		400	B227.9084-2
		500	B227.9084-3
		600	B227.9084-4
320	100	700	B227.9084-5
		800	B227.9084-6
		200	B227.9104
		300	B227.9104-1
		400	B227.9104-2
		500	B227.9104-3
360	120	600	B227.9104-4
		700	B227.9104-5
		800	B227.9104-6
		200	B227.9124
		300	B227.9124-1
		400	B227.9124-2

A Extended Lenght	B Stroke	F1	Reference No.
440	160	500	B227.9164
		600	B227.9164-1
		700	B227.9164-2
		800	B227.9164-3
		900	B227.9164-4
		1000	B227.9164-5
520	200	1100	B227.9164-6
		200	B227.9204
		300	B227.9204-1
		400	B227.9204-2
		500	B227.9204-3
		600	B227.9204-4
600	240	700	B227.9204-5
		800	B227.9204-6
		200	B227.9244
		300	B227.9244-1
		400	B227.9244-2
		500	B227.9244-3
720	300	600	B227.9244-4
		700	B227.9244-5
		800	B227.9244-6
		200	B227.9304
		300	B227.9304-1
		400	B227.9304-2

Locking Gas Springs

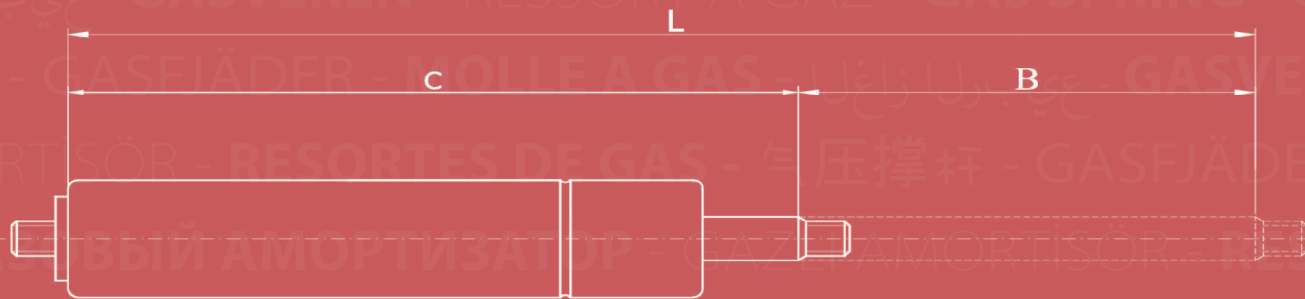
10/27 ■
Tube End Pin
Rigid in Compression
Eyelet



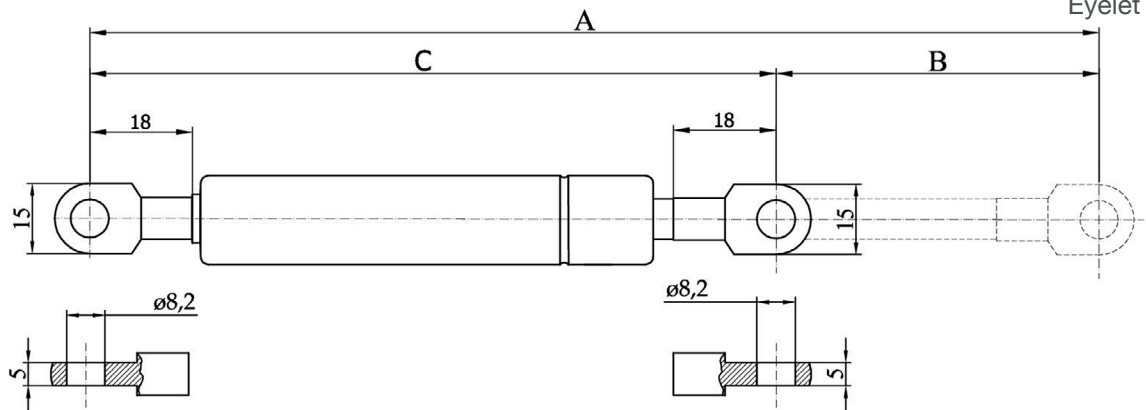
A Extended Lenght	B Stroke	F1	Reference No.
240	060	200	B227.9065
		300	B227.9065-1
		400	B227.9065-2
		500	B227.9065-3
		600	B227.9065-4
		700	B227.9065-5
280	80	800	B227.9065-6
		200	B227.9085
		300	B227.9085-1
		400	B227.9085-2
		500	B227.9085-3
		600	B227.9085-4
320	100	700	B227.9085-5
		800	B227.9085-6
		200	B227.9105
		300	B227.9105-1
		400	B227.9105-2
		500	B227.9105-3

A Extended Lenght	B Stroke	F1	Reference No.
360	120	600	B227.9125
		700	B227.9125-1
		800	B227.9125-2
		900	B227.9125-3
		1000	B227.9125-4
		1100	B227.9125-5
420	150	1200	B227.9125-6
		200	B227.9155
		300	B227.9155-1
		400	B227.9155-2
		500	B227.9155-3
		600	B227.9155-4

Traction Gas Springs

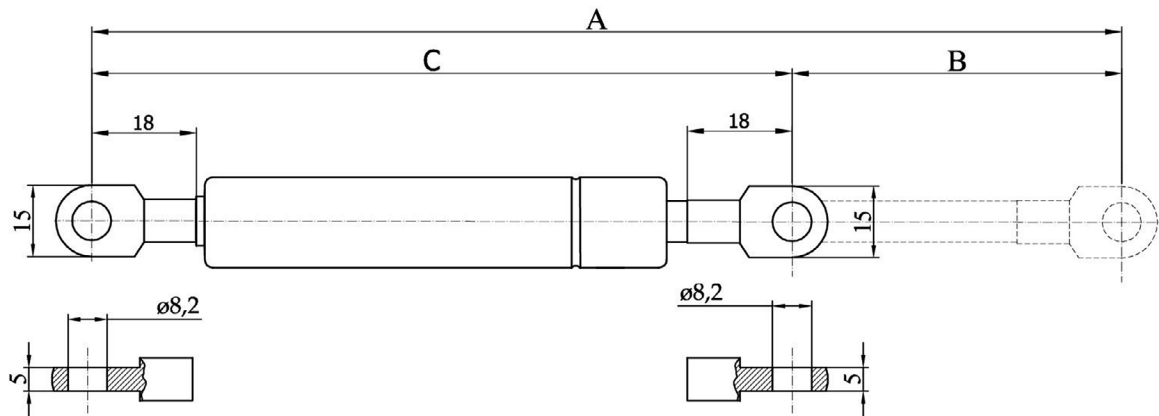


TYPE		L (Extended Length)		C (Closed Length)		B (Stroke)		F: Force (N)	
		Min	Max	Min	Max	Min	Max	Min	Max
8	18	220	600	160	350	60	250	100	800
10	22	315	715	215	415	100	300	100	1200
10	27	335	935	235	535	100	400	200	1500

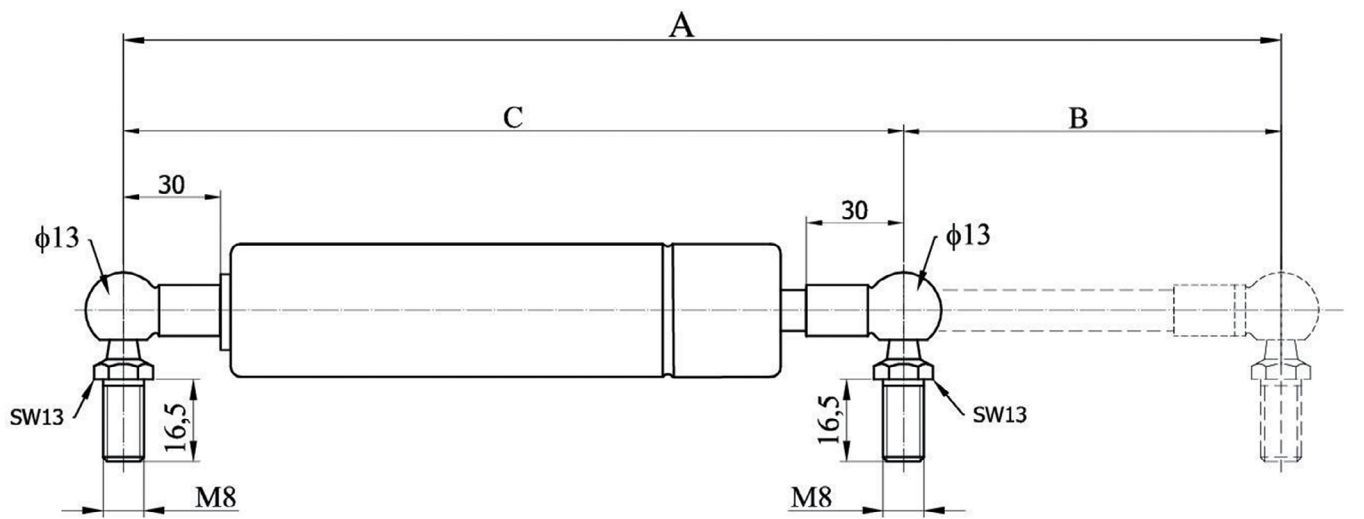


A Extended Lenght	B Stroke	C Closed Lenght	F1	Reference No.
220	60	160	100	T188.9061
			150	T188.9061-1
			200	T188.9061-2
			250	T188.9061-3
			300	T188.9061-4
			350	T188.9061-5
			400	T188.9061-6
			500	T188.9061-7
			600	T188.9061-8
			700	T188.9061-9
260	80	180	800	T188.9061-10
			100	T188.9081
			150	T188.9081-1
			200	T188.9081-2
			250	T188.9081-3
			300	T188.9081-4
			350	T188.9081-5
			400	T188.9081-6
			500	T188.9081-7
			600	T188.9081-8
300	100	200	700	T188.9081-9
			800	T188.9081-10
			100	T188.9101
			150	T188.9101-1
			200	T188.9101-2
			250	T188.9101-3
			300	T188.9101-4
			350	T188.9101-5
			400	T188.9101-6
			500	T188.9101-7
340	120	220	600	T188.9101-8
			700	T188.9101-9
			800	T188.9101-10
			100	T188.9121
			150	T188.9121-1
			200	T188.9121-2
			250	T188.9121-3
			300	T188.9121-4
			350	T188.9121-5
			400	T188.9121-6
380	140	240	500	T188.9121-7
			600	T188.9121-8
			700	T188.9121-9
			800	T188.9121-10
			100	T188.9141
			150	T188.9141-1
			200	T188.9141-2
			250	T188.9141-3
			300	T188.9141-4
			350	T188.9141-5

A Extended Lenght	B Stroke	C Closed Lenght	F1	Reference No.
420	160	260	250	T188.9161
			300	T188.9161-1
			350	T188.9161-2
			400	T188.9161-3
			500	T188.9161-4
			600	T188.9161-5
			700	T188.9161-6
			800	T188.9161-7
			900	T188.9161-8
			1000	T188.9161-9
460	180	280	1100	T188.9161-10
			100	T188.9181
			150	T188.9181-1
			200	T188.9181-2
			250	T188.9181-3
			300	T188.9181-4
			350	T188.9181-5
			400	T188.9181-6
			500	T188.9181-7
			600	T188.9181-8
500	200	300	700	T188.9181-9
			800	T188.9181-10
			100	T188.9201
			150	T188.9201-1
			200	T188.9201-2
			250	T188.9201-3
			300	T188.9201-4
			350	T188.9201-5
			400	T188.9201-6
			500	T188.9201-7
540	220	320	600	T188.9201-8
			700	T188.9201-9
			800	T188.9201-10
			100	T188.9221
			150	T188.9221-1
			200	T188.9221-2
			250	T188.9221-3
			300	T188.9221-4
			350	T188.9221-5
			400	T188.9221-6
600	250	350	500	T188.9221-7
			600	T188.9221-8
			700	T188.9221-9
			800	T188.9221-10
			100	T188.9251
			150	T188.9251-1
			200	T188.9251-2
			250	T188.9251-3
			300	T188.9251-4
			350	T188.9251-5

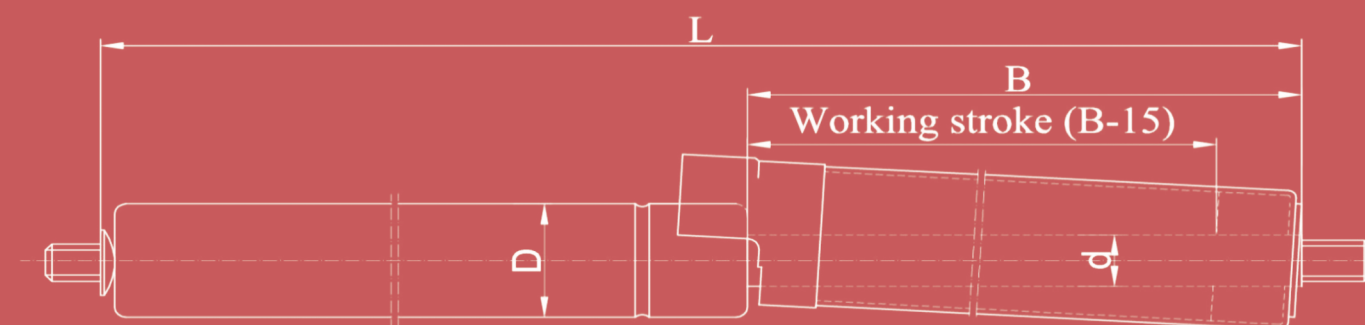


A Extended Lenght	B Stroke	C Closed Lenght	F1	Reference No.
315	100	215	100	T220.9101
			200	T220.9101-2
			300	T220.9101-4
			400	T220.9101-6
			500	T220.9101-7
			600	T220.9101-8
			700	T220.9101-9
			800	T220.9101-10
			900	T220.9101-11
			1000	T220.9101-12
			1200	T220.9101-14
415	150	265	100	T220.9151
			200	T220.9151-2
			300	T220.9151-4
			400	T220.9151-6
			500	T220.9151-7
			600	T220.9151-8
			700	T220.9151-9
			800	T220.9151-10
			900	T220.9151-11
			1000	T220.9151-12
			1200	T220.9151-14
515	200	315	100	T220.9201
			200	T220.9201-2
			300	T220.9201-4
			400	T220.9201-6
			500	T220.9201-7
			600	T220.9201-8
			700	T220.9201-9
			800	T220.9201-10
			900	T220.9201-11
			1000	T220.9201-12
			1200	T220.9201-14
715	300	415	100	T220.9301
			200	T220.9301-2
			300	T220.9301-4
			400	T220.9301-6
			500	T220.9301-7
			600	T220.9301-8
			700	T220.9301-9
			800	T220.9301-10
			900	T220.9301-11
			1000	T220.9301-12
			1200	T220.9301-14

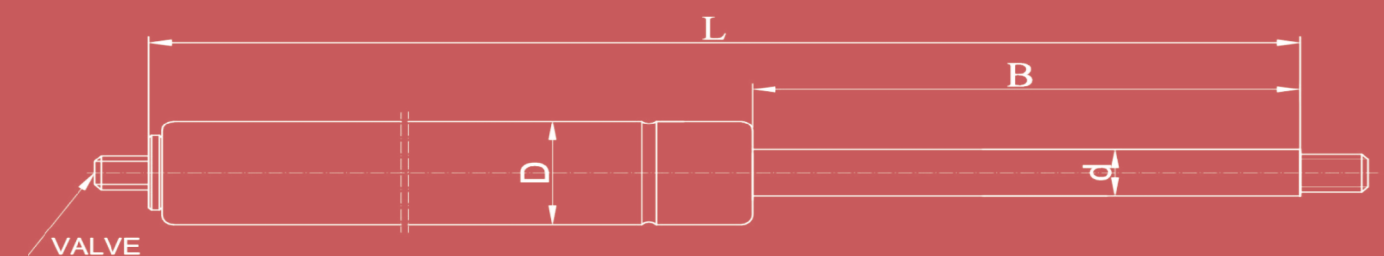
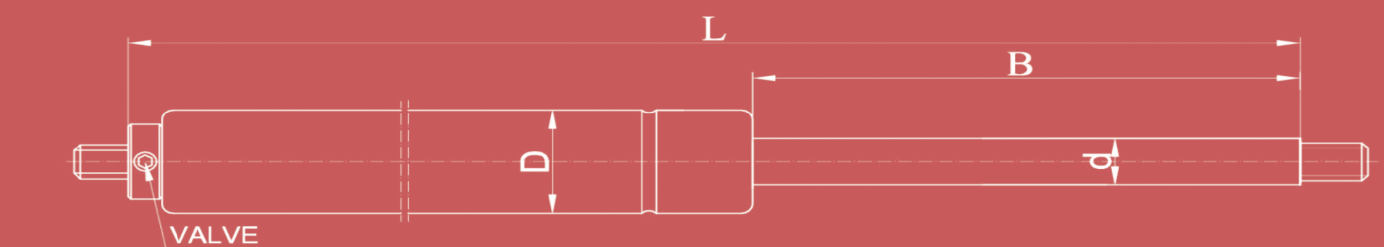


A Extended Lenght	B Stroke	C Closed Lenght	F1	Reference No.
335	100	235	200	T274.9101
			500	T274.9101-1
			800	T274.9101-2
			1000	T274.9101-3
			1300	T274.9101-4
			1500	T274.9101-5
			1700	T274.9101-6
			1900	T274.9101-7
			2100	T274.9101-8
			2300	T274.9101-9
435	150	285	2500	T274.9101-10
			200	T274.9151
			500	T274.9151-1
			800	T274.9151-2
			1000	T274.9151-3
			1300	T274.9151-4
			1500	T274.9151-5
			1700	T274.9151-6
			1900	T274.9151-7
			2100	T274.9151-8
535	200	335	2300	T274.9151-9
			2500	T274.9151-10
			200	T274.9201
			500	T274.9201-1
			800	T274.9201-2
			1000	T274.9201-3
			1300	T274.9201-4
			1500	T274.9201-5
			1700	T274.9201-6
			1900	T274.9201-7
635	250	385	2100	T274.9201-8
			2300	T274.9201-9
			2500	T274.9201-10
			200	T274.9251
			500	T274.9251-1
			800	T274.9251-2
			1000	T274.9251-3
			1300	T274.9251-4
			1500	T274.9251-5
			1700	T274.9251-6

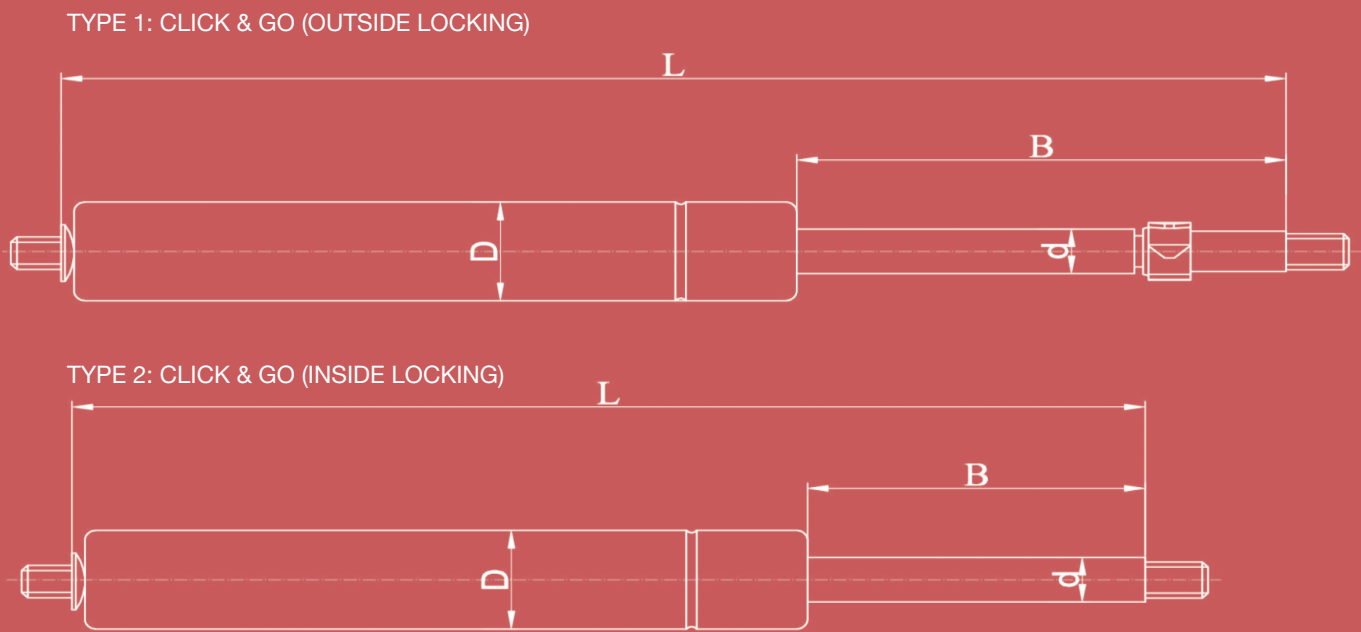
A Extended Lenght	B Stroke	C Closed Lenght	F1	Reference No.
735	300	435	200	T274.9301
			500	T274.9301-1
			800	T274.9301-2
			1000	T274.9301-3
			1300	T274.9301-4
			1500	T274.9301-5
			1700	T274.9301-6
			1900	T274.9301-7
			2100	T274.9301-8
			2300	T274.9301-9
835	350	485	2500	T274.9301-10
			200	T274.9351
			500	T274.9351-1
			800	T274.9351-2
			1000	T274.9351-3
			1300	T274.9351-4
			1500	T274.9351-5
			1700	T274.9351-6
			1900	T274.9351-7
			2100	T274.9351-8
935	400	535	2300	T274.9351-9
			2500	T274.9351-10
			200	T274.9401
			500	T274.9401-1
			800	T274.9401-2
			1000	T274.9401-3
			1300	T274.9401-4
			1500	T274.9401-5
			1700	T274.9401-6
			1900	T274.9401-7
			2100	T274.9401-8
			2300	T274.9401-9
			2500	T274.9401-10



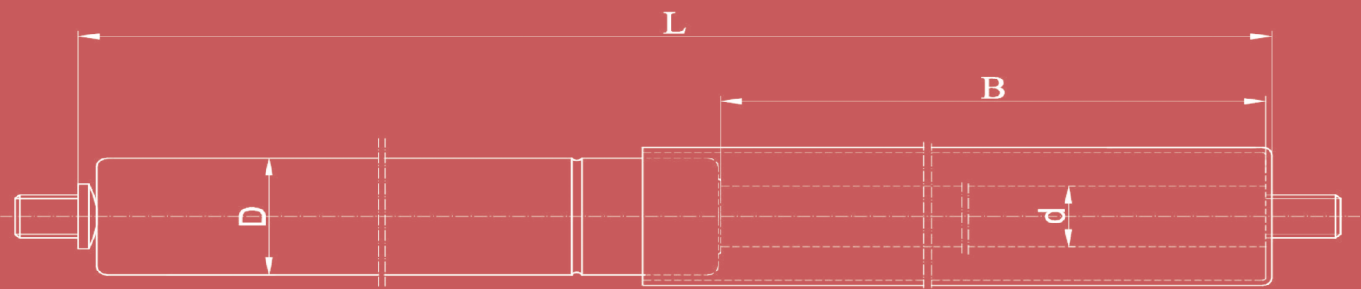
TYPE		L (Extended Length)		B (Stroke)		F: Force (N)	
d (Piston Rod Diameter)	D (Tube Diameter)	Min	Max	Min	Max	Min	Max
8	18	100	700	25	300	50	700
10	22	150	900	40	400	100	1200
14	28	300	1000	50	700	1000	2500



TYPE		L (Extended Length)		B (Stroke)		F: Force (N)	
d (Piston Rod Diameter)	D (Tube Diameter)	Min	Max	Min	Max	Min	Max
6	15	90	400	20	150	50	350
8	18	100	700	25	300	50	700
10	22	150	900	40	400	100	1200
14	28	300	1500	50	700	150	2500



TYPE		L (Extended Length)		B (Stroke)		F: Force (N)	
d (Piston Rod Diameter)	D (Tube Diameter)	Min	Max	Min	Max	Min	Max
8	18	100	700	25	300	50	800
10	22	150	900	40	400	100	1200

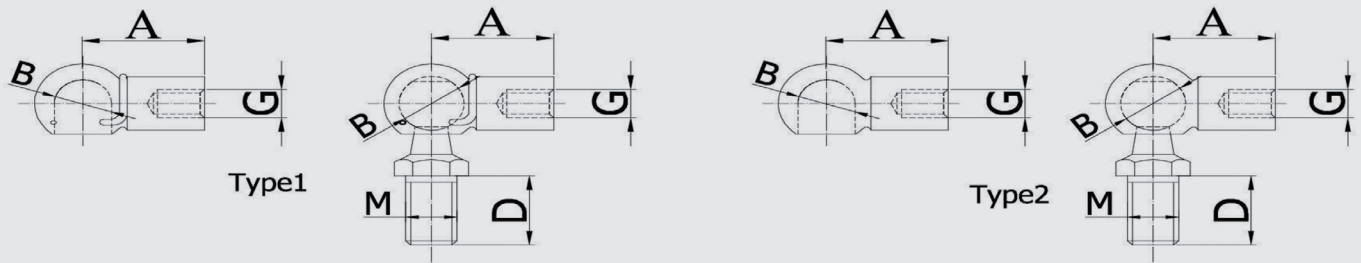


TYPE		L (Extended Length)		B (Stroke)		F: Force (N)	
d (Piston Rod Diameter)	D (Tube Diameter)	Min	Max	Min	Max	Min	Max
6	15	90	400	20	150	50	400
8	18	100	700	25	300	50	800
10	22	150	900	40	400	100	1200
10	27	200	1300	40	600	100	1400
14	28	300	1500	50	700	150	2500
20 (*)	40 (*)	300	1000	100	450	200	5000

(*) Only metal

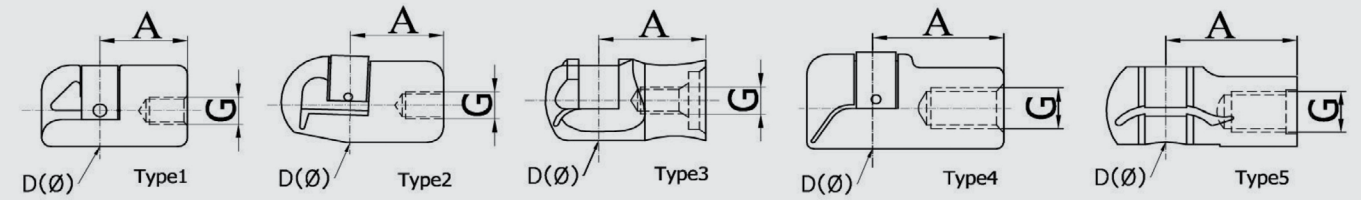
Connection Parts

Metal Ball Cups & Ball Joints



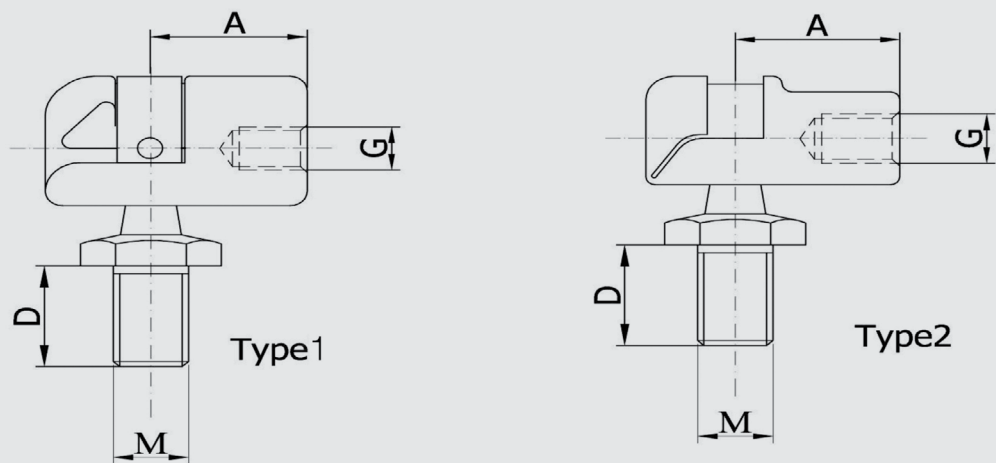
Type	Code	Thread (G)	Installation Lenght (A)	Socket Diameter (B)	Thread Lenght (D)	Thread (M)	Steel	Stainless Steel 303 / 304	Zinc	Plastic
Type 1	E901	M6	22mm	8mm			*			
	E902	M6	19mm	10mm			*			
	E903	M8	22mm	10mm			*			
	E904	M8	25mm	13mm			*			
	E905	M8	30mm	13mm			*			
	E906	M10	35mm	16mm			*			
	E907	M6	22mm	8mm	11mm	6mm	*			
	E908	M6	19mm	10mm	13mm	8mm	*			
	E909	M8	22mm	10mm	13mm	8mm	*			
	E910	M8	25mm	13mm	13mm	8mm	*			
	E911	M8	30mm	13mm	16,5mm	8mm	*			
	E912	M8	35mm	16mm	20mm	10mm	*			
Type 2	E913	M6	19mm	10mm				*		
	E914	M8	19mm	10mm				*		
	E915	M6	22mm	10mm				*		
	E916	M8	25mm	13mm				*		
	E917	M8	30mm	13mm				*		
	E918	M10	35mm	16mm				*		
	E919	M6	19mm	10mm	11mm	6mm		*		
	E920	M8	19mm	10mm	13mm	8mm		*		
	E921	M6	22mm	10mm	13mm	8mm		*		
	E922	M8	25mm	13mm	13mm	8mm		*		
	E923	M8	30mm	13mm	16,5mm	8mm		*		
	E924	M10	35mm	16mm	20mm	10mm		*		

Plastic Ball Cups



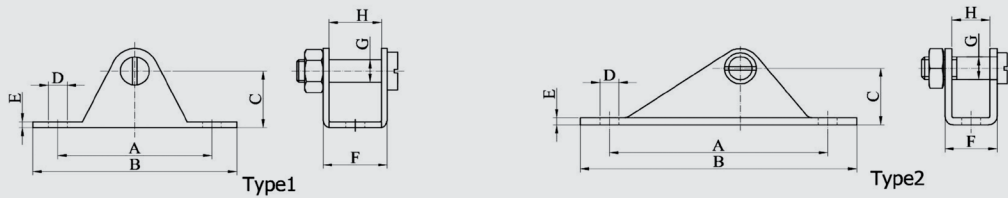
Type	Code	Thread (G)	Installation lenght (A)	Thickness (B)	Width (C)	Cross hole Ø (D)	Steel	AISI 303 / 304	Zinc	Plastic
Type 1	E925	M6	18mm			8mm				*
	E926	M6	18mm			10mm				*
	E927	M8	18mm			10mm				*
Type 2	E928	M6	18mm			10mm				*
	E929	M8	18mm			10mm				*
Type 3	E930	M6	22mm			10mm				*
	E931	M8	22mm			10mm				*
Type 4	E932	M6	18mm			10mm				*
Type 5	E933	M6	19mm			10mm	*			
	E934	M8	19mm			10mm	*			

Plastic Ball Cups & Ball Joints

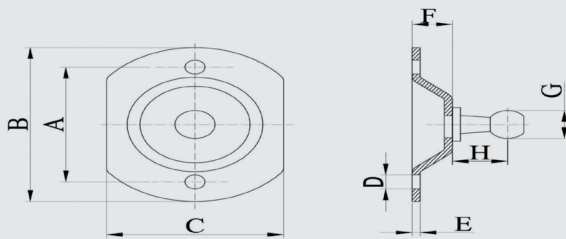


Type	Code	Thread (G)	Installation lenght (A)	Socket diameter Ø (B)	Thread Lenth(D)	Thread (M)	Steel	AISI 303 / 304	Zinc	Plastic
Type 1	E935	M6	18mm	10mm	11mm	M6				*
	E936	M6	18mm	10mm	13mm	M6				*
	E937	M6	18mm	10mm	13mm	M8				*
	E938	M6	18mm	10mm	16,5mm	M8				*
	E939	M8	18mm	10mm	11mm	M6				*
	E940	M8	18mm	10mm	13mm	M8				*
Type 2	E941	M6	18mm	10mm	11mm	M6				*
	E942	M8	18mm	10mm	13mm	M8				*

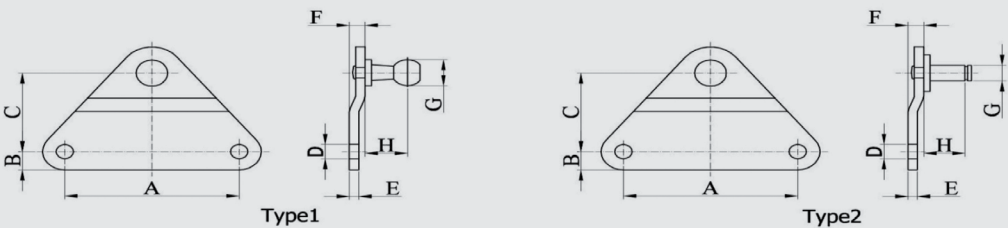
Brackets



Type	Code	A	B	C	D	E	F	G	H	Steel	Stainless Steel
Type 1	E801	50mm	70mm	20mm	6,5mm	2mm	22mm	8mm	18mm	*	
	E802	50mm	70mm	20mm	6,5mm	2mm	22mm	8mm	18mm		*
Type 2	E803	75mm	95mm	20mm	6,5mm	2mm	18mm	8mm	14mm	*	
	E804	75mm	95mm	20mm	6,5mm	2mm	18mm	8mm	14mm		*

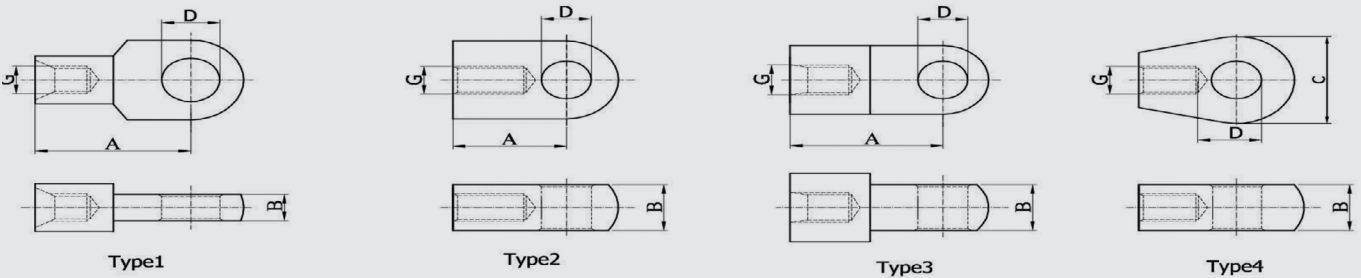


Code	A	B	C	D	E	F	G	H	Steel	Stainless Steel
E805	41mm	55mm	43mm	5mm	2mm	10mm	8mm	7mm	*	
E806	41mm	55mm	43mm	5mm	2mm	10mm	10mm	10mm	*	
E807	41mm	55mm	43mm	5mm	2mm	10mm	8mm	7mm		*
E808	41mm	55mm	43mm	5mm	2mm	10mm	10mm	10mm		*



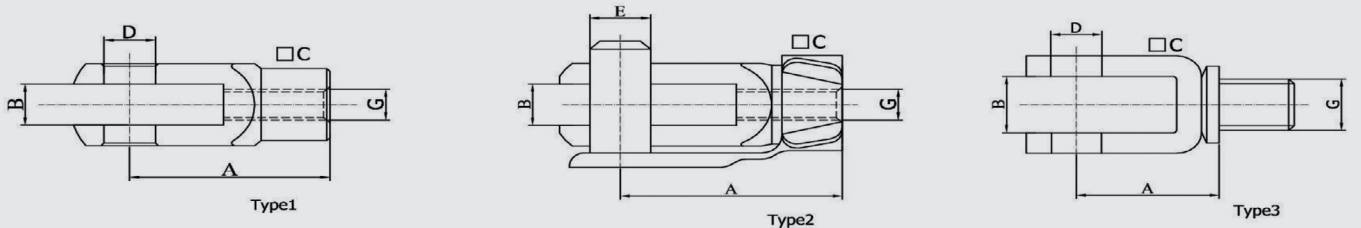
Type	Code	A	B	C	D	E	F	G	H	Steel	Stainless Steel
Type 1	E809	55mm	7mm	30mm	4,3mm	3mm	5mm	8mm	11mm	*	*
	E810	55mm	7mm	30mm	5,5mm	3mm	5mm	10mm	13mm	*	*
	E811	55mm	7mm	30mm	5,5mm	3mm	5mm	10mm	12,5mm	*	*
Type 2	E812	55mm	7mm	30mm	4mm	3mm	5mm	8mm	9mm	*	*
	E813	55mm	7mm	30mm	5,5mm	3mm	5mm	8mm	11mm	*	*

Eyelets

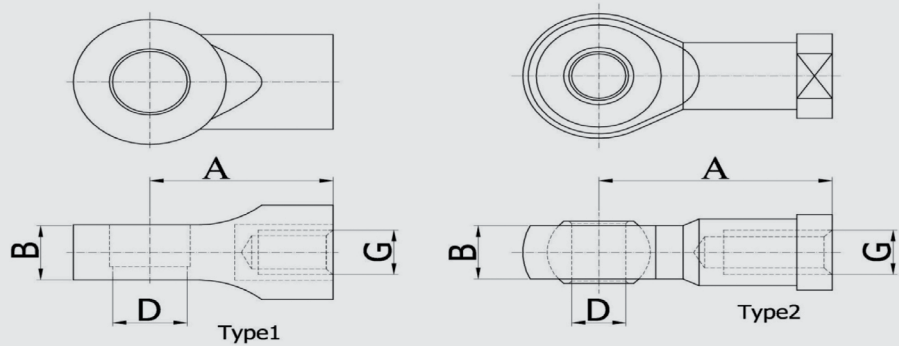


Type	Code	Thread (G)	Installation lenght (A)	Thickness (B)	Width (C)	Cross hole Ø (D)	Steel	Stainless Steel 303 / 304	Zinc	Plastic
Type 1	E943	M6	16mm	3mm	13mm	6,2mm	*			
	E944	M6	22mm	5mm	15mm	8,2mm	*			
	E945	M8	22mm	5mm	15mm	8,2mm	*			
	E946	M8	25mm	5mm	15mm	8,2mm	*			
	E947	M8	28mm	5mm	15mm	8,2mm	*			
	E948	M6	16mm	3mm	13mm	6,2mm		*		
	E949	M6	22mm	5mm	15mm	8,2mm		*		
	E950	M8	22mm	5mm	15mm	8,2mm		*		
Type 2	E951	M8	25mm	5mm	15mm	8,2mm		*		
	E952	M8	28mm	5mm	15mm	8,2mm		*		
	E953	M6	15mm	10mm	15mm	8,2mm	*			
	E954	M8	20mm	10mm	15mm	8,2mm	*			
	E955	M8	22mm	10mm	20mm	8,2mm	*			
	E956	M8	30mm	10mm	20mm	8,2mm	*			
	E957	M10	30mm	12mm	18mm	10,2mm	*			
	E958	M6	15mm	10mm	15mm	8,2mm		*		
Type 3	E959	M8	20mm	10mm	15mm	8,2mm		*		
	E960	M10	22mm	12mm	18mm	10,2mm		*		
	E961	M8	30mm	10mm	20mm	8,5mm		*		
	E962	M8	30mm	10mm	18mm	10,2mm		*		
	E963	M6	16mm	5mm	15mm	6,2mm	*			
	E964	M8	20mm	10mm	18mm	8,2mm	*			
	E965	M8	22mm	10mm	18mm	8,2mm	*			
	E966	M8	25mm	5mm	15mm	8,2mm	*			
Type 4	E967	M8	30mm	10mm	18mm	8,2mm	*			
	E968	M6	16mm	6mm	10mm	6,2mm		*		
	E969	M8	20mm	10mm	18mm	8,2mm		*		
	E970	M8	22mm	10mm	18mm	10,2mm		*		
	E971	M6	25mm	10mm	15mm	8,2mm		*		
	E972	M8	30mm	10mm	18mm	8,2mm		*		
	E973	M6	16mm	8mm	16mm	8,2mm			*	
	E974	M8	16mm	12mm	19mm	10,2mm			*	
Type 4	E975	M8	16mm	8mm	16mm	8,2mm			*	

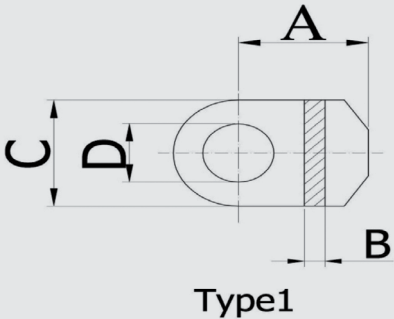
Clevises



Type	Code	Thread (G)	Installation lenght (A)	Size (B)	Width (C)	Bolt Ø (D)	ES-bolts (E)	Steel	AISI 303 / 304	Zinc	Plastic
Type 1	E814	M6	20mm	5mm	10mm	6,2mm		*			
	E815	M6	24mm	6,4mm	12mm	6,2mm		*			
	E816	M8	32mm	8mm	16mm	8,2mm		*			
	E817	M10	40mm	10mm	20mm	8,2mm		*			
	E818	M14	56mm	14mm	25mm	14mm		*			
	E819	M6	36mm	6mm	12mm	6,2mm			*		
	E820	M8	32mm	8mm	16mm	8,2mm			*		
	E821	M10	40mm	10mm	20mm	10,2mm			*		
Type 2	E822	M6	24mm	6,4mm	12mm	6,2mm	6mm				
	E823	M8	32mm	8mm	16mm	8,2mm	8mm				
	E824	M10	40mm	10mm	20mm	10,2mm	10mm				
Type 3	E825	M10	23mm	11mm	19mm	8,2mm					
	E826	M10	23mm	11mm	19mm	10,2mm					



Type	Code	Thread (G)	Installation lenght (A)	Thickness (B)	Width (C)	Cross hole Ø (D)	Steel	Stainless Steel 303 / 304	Zinc	Plastic
Type 1	E827	M6	18mm	7,6mm		12mm				*
	E828	M6	27mm	9,9mm	22,5mm	11,9mm				*
	E829	M8	27mm	9,9mm	22,5mm	11,9mm				*
Type 2	E830	M8	36mm	12mm	24mm	8mm	*			
	E831	M10	43mm	14mm	26mm	10mm	*			
	E832	M12	50mm	16mm	32mm	12mm	*			
	E833	M14	57mm	19mm	34mm	14mm	*			
	E834	M16	64mm	21mm	40mm	16mm	*			



Type	Code	Thread (G)	Installation lenght (A)	Thickness (B)	Width (C)	Cross hole Ø (D)	Steel	Stainless Steel 303 / 304	Zinc	Plastic
Type 1	E835	10mm		3mm	10mm	4,2mm	*			
	E836	13mm		3mm	13mm	6,2mm	*			
	E837	15mm		5mm	15mm	6,2mm	*			
	E838	15mm		5mm	15mm	8,2mm	*			
	E839	20mm		5mm	15mm	8,2mm	*			

CUSTOMER
ORDER
EXAMPLE



Stage 2: Please select rod and tube diameters in accordance with F1, stroke, and extended length.

Stage 4: Please enter the extended length in “mm” (from center to center of connection parts)

Stage 6: Please select a connection parts for tube side

Stage 8:
Please select the other additions
1. Wiper Ring
2. Valve
3. Protection Tube
4. Floating Piston
5. Locking Apparatus
6. Low- temperature Design
7. High-temperature Design
8. Friction Component
9. Design Completely in Stainless Steel (SS) AISI 303 / 304
10. Colors of Tube (Black; Grey; White)

S 0 8 1 8 0 2 0 0 0 6 0 0 E 9 2 5 E 9 2 5 0 6 0 0 N 1 6 5 10G

Stage 1: Type of the product
S: Standard Gas Springs
D: Dynamic Type Gas Springs
P: Stainless Steel Gas Springs
T: Traction Gas Springs

Stage 3:
Please enter the requested stroke in “mm”

Stage 5:
Please select a connection part for the rod side

Stage 7:
Please enter the requested force in N (Newton)

NOTES





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