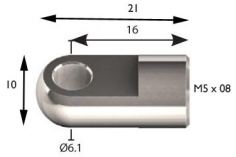
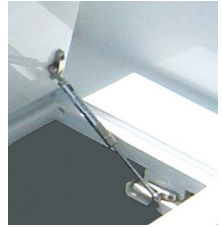
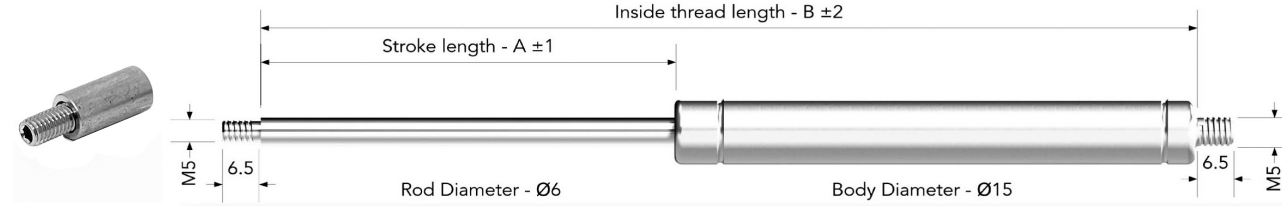
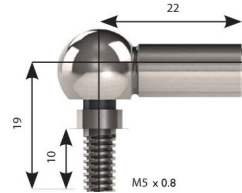


Gas Springs Series 6-15 with valve

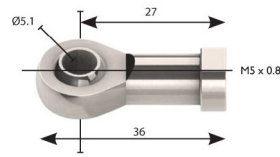
Page 6-5



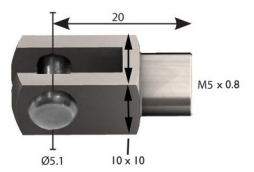
#62.516 Eye M5x16 6mm thick



#62.522 Balljoint M5x22

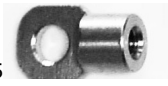


62.527 Ball Swivel End M5x27



#62.520 Fork with pin M5x20

Eye end fittings: #62.515L Eye M5x15



with 3 mm thick leaf

#62.520L Eye M5x20



Series 6-15		"A"	"B"	#62.516	#62.522	#62.520	#62.527	Force & thread
Part ID	Series 6-15 stainless steel gas spring with valve	Stroke Length In mm	Total length without attachments (not counting the thread) 2 x stroke +30 mm	Eyes, add 2 x 16 mm	Ball joints, add 2 x 22 mm	Forks, add 2 x 20 mm	Swivel rod ends, add 2 x 27 mm	Thread size and max. N force per length rod
61.650	Extended	50 mm	130 mm	162 mm	174 mm	170 mm	178 mm	M5; 25N-400N
	Compressed	50 mm	80 mm	112 mm	124 mm	120 mm	134 mm	M5; 25N-400N
61.665	Extended	65 mm	160 mm	192 mm	204 mm	200 mm	214 mm	M5; 25N-400N
	Compressed	65 mm	95 mm	127 mm	139 mm	135 mm	149 mm	M5; 25N-400N
61.680	Extended	80 mm	190 mm	222 mm	234 mm	230 mm	244 mm	M5; 25N-400N
	Compressed	80 mm	110 mm	142 mm	154 mm	150 mm	164 mm	M5; 25N-400N
61.610	Extended	100mm	230mm	262 mm	274 mm	270 mm	284 mm	M5; 25N-400N
	Compressed	100 mm	130 mm	162 mm	174 mm	170 mm	184 mm	M5; 25N-400N
61.612	Extended	120mm	270 mm	302 mm	314 mm	310 mm	324 mm	M5; 25N-400N
	Compressed	120 mm	150 mm	177 mm	189 mm	185 mm	199 mm	M5; 25N-400N
61.615	Extended	150 mm	330 mm	362 mm	374 mm	370 mm	384 mm	M5; 25N-400N
	Compressed	150 mm	180 mm	212 mm	224 mm	220 mm	234 mm	M5; 25N-400N
61.617	Extended	175 mm	380 mm	412 mm	424 mm	390 mm	404 mm	M5; 25N-400N
	Compressed	175 mm	205 mm	237 mm	249 mm	215 mm	229 mm	M5; 25N-400N
61.620	Extended	200 mm	430 mm	462 mm	474 mm	470 mm	484 mm	M5; 25N-400N
	Compressed	200 mm	230 mm	262 mm	274 mm	270 mm	284 mm	M5; 25N-400N

Maximum force in Newtons*
*Depends on rod length

400N* (88 lb.)*

Check also pages 6-0-2-0 and 6-0-2-1 for force calculation

Minimum charge in Newtons

25N (5.5 lb.)

For custom sizes please email our office at

Application: "A" Gas spring Series: 6-15: Samples, indicating possible setups:

size 3: length of hatch	gas spring ID	weight hatch up to:	size 1: hatch bracket to hinge pin	size 2: coaming bracket to hinge pin with balljoints installed
400 mm ~ 16"	6-15-100 mm	33 lbs	75 mm ~ 3"	260 ~ 10 1/4"
600 mm ~ 23 1/2"	6-15-150 mm	33 lbs	125 mm ~ 5"	362 mm ~ 14 1/8"
800 mm ~ 31 1/2"	6-15-200 mm	33 lbs	175 mm ~ 6 7/8"	463 mm ~ 18 1/4"

Application: "B" Gas spring Series: 6-15: Samples, indicating possible setups:

size 3: length of hatch	gas spring ID	weight hatch up to:	size 1: hatch bracket to hinge pin	size 2: coaming bracket to hinge pin with ball joint
400 mm ~ 16"	6-15-150 mm	33 lbs	125 mm ~ 5"	376 mm ~ 14 3/4"
400 mm ~ 16"	6-15-200 mm	33 lbs	175 mm ~ 6 7/8"	500 mm ~ 19 1/2"

ALWAYS INSTALL GAS SPRING WITH ROD DOWN AND CYLINDER UP

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