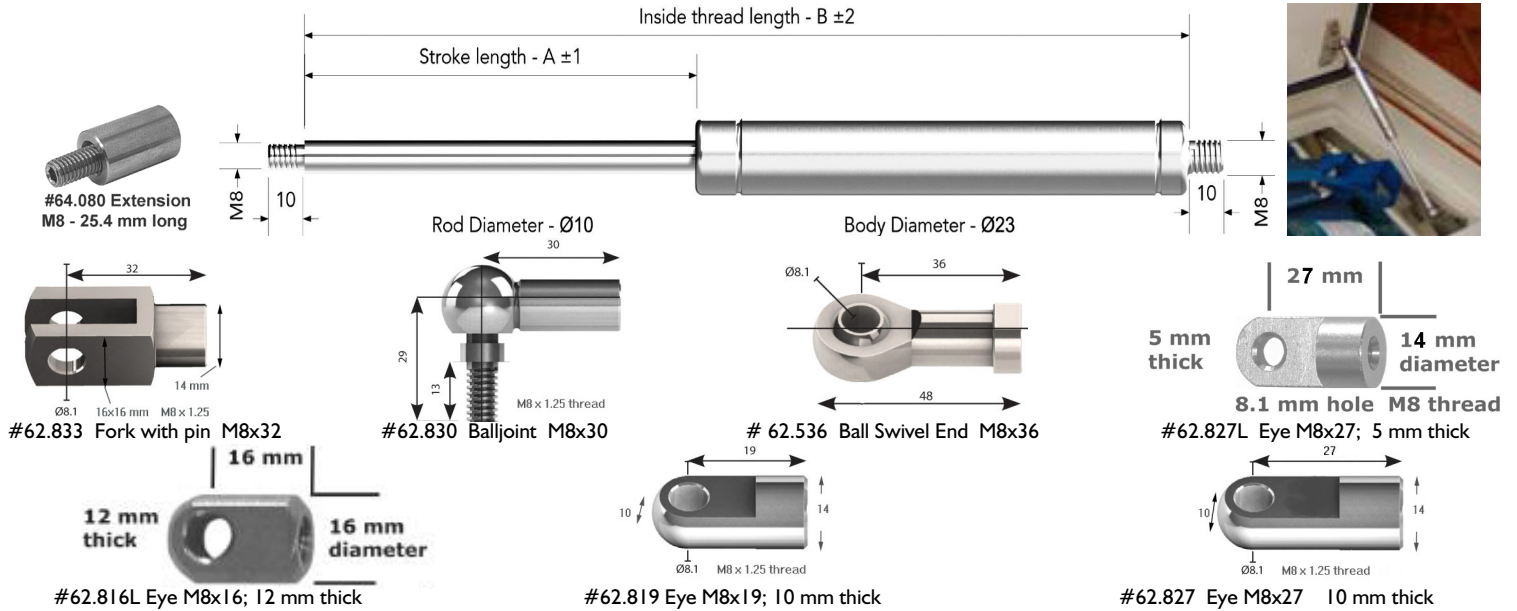
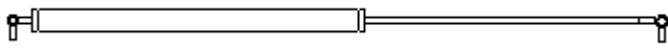




Serie 8-18 Part ID	# Series 8-18- stainless steel gas spring with valve	"A" Stroke Length in mm	"B" Total length without attachments (not counting the thread) 2 x stroke+ 45 mm)	62.819 Short eyes, add 2 x 19 mm	62.827 big eyes, add 2 x 27 mm	62.830 Ball joints, add 2 x 30 mm	62.833 Forks Add 2 x 32 mm	Thread size and max. N force per length rod
61.810	Extended	100mm	245 mm	283 mm	299 mm	305 mm	310 mm	M8 50N-750N
	Compressed	100 mm	145 mm	183 mm	199 mm	205 mm	210 mm	M8 50N-750N
61.815	Extended	150 mm	345 mm	383 mm	399 mm	405 mm	410 mm	M8 50N-750N
	Compressed	150 mm	195 mm	233 mm	249 mm	255 mm	260 mm	M8 50N-750N
61.817	Extended	175 mm	395 mm	433 mm	449 mm	455 mm	459 mm	M8 50N-750N
	Compressed	175 mm	220 mm	258 mm	275 mm	280 mm	284 mm	M8 50N-750N
61.820	Extended	200 mm	445 mm	483 mm	499 mm	505 mm	510 mm	M8 50N-750N
	Compressed	200 mm	245 mm	283 mm	299 mm	305 mm	310 mm	M8 50N-750N
61.825	Extended	250 mm	545 mm	583 mm	599 mm	605 mm	610 mm	M8 50N-750N
	Compressed	250 mm	295 mm	333 mm	349 mm	355 mm	360 mm	M8 50N-750N

Maximum force in Newtons*
*Depends on rod length

750N* (165 lb.)*

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

Minimum charge in Newtons

100N (22 lb.)

*For custom sizes please call office.

Application:"A" Gas spring Series: 8-18:

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"	8-19-100 mm	77 lbs	75 mm ~ 3"	280 ~ 11"
600 mm ~ 23 1/2"	8-19-150 mm	77 lbs	125 mm ~ 5"	396 mm ~ 15 1/2"
800 mm ~ 31 1/2"	8-19-200 mm	77 lbs	175 mm ~ 6 7/8"	495 mm ~ 19 1/2"
1000 mm ~ 39 1/2"	8-19-250 mm	77 lbs	225 mm ~ 8 7/8"	595 mm ~ 23 1/2"

Application:"B" Gas spring Series: 8-18:

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"	8-19-150 mm	77 lbs	125 mm ~ 5"	405 mm ~ 16"
600 mm ~ 23 1/2"	8-19-200 mm	77 lbs	175 mm ~ 6 7/8"	500 mm ~ 19 1/2"
800 mm ~ 31 1/2"	8-19-250 mm	77 lbs	225 mm ~ 8 7/8"	610 mm ~ 24"

Application:"C" Gas spring Series: 8-18:

size 3: length of hatch	gas spring ID	weight hatch up to:	size 1: angle 45° distance bracket to hinge pin	size 2: check distance in open and closed position before mounting Our office provides custom applications upon request.
400 mm ~ 16"	8-19-100 mm	77 lbs	68 mm ~ 2 3/4"	
600 mm ~ 23 1/2"	8-19-150 mm	77 lbs	106 mm ~ 4 1/8"	
800 mm ~ 31 1/2"	8-19-200 mm	77 lbs	141 mm ~ 5 1/2"	
1000 mm ~ 39 1/2"	8-19-250 mm	77 lbs	177 mm ~ 7"	

ALWAYS INSTALL GAS SPRING WITH ROD DOWN AND CYLINDER UP