

Gas spring GF

The gas spring can be applied for opening several kinds of wings.
It is also suitable for operating roof exit flaps.
Together with our lock fitting type EAP it can be used to automate facade or roof windows for both smoke control and daily ventilation applications.
Besides of the standard forces and stroke lengths listed below in almost all variants a special customized version can be realized.
Depending on application option the rod.



Depending on force ration between gas spring and wing weight and in consideration of the position.

Brackets to be ordered separately!

Technical Data:

Gas spring Type GF Item number:	
Stroke length:	150 mm with 100 N only, 200 mm, 300 mm, 400 mm with 150 N only
Force:	100, 150, 200, 300 N
Dimensions:	black with eye bolt at the tube and angle joint M8 at the rod respectively M5 at GF 100/150
Tube:	D = 19 mm respectively 16 mm at GF 100/150
Weight:	Approx 0.2 to 0.6 kg dependant on stroke length

Article

Gas spring Type GF		
	Typ	Item number
	GF 100/150	B5 6050
	Length retracted: 200 mm; Length extended: 350 mm Eigenschaften: Please use gas spring bearing bracket GFLS Item no 6065! Gas spring bracket available on request! GFK B5 6060 to B5 6061 A do not fit!	
	GF 100/200	B5 6051
	Length retracted: 290 mm; Length extended: 490 mm	
	GF 100/300	B5 6052
	Length retracted: 440 mm; Length extended: 740 mm	
	GF 150/200	B5 6054
	Length retracted: 290 mm; Length extended: 440 mm	

GF 150/300	B5 6055
Length retracted: 440 mm; Length extended: 740 mm	
GF 150/400	B5 6059
Length retracted: 485 mm; Length extended: 890 mm	
GF 200/200	B5 6056
Length retracted: 340 mm; Length extended: 540 mm	
GF 200/300	B5 6057
Length retracted: 440 mm; Length extended: 740 mm	
GF 300/300	B5 6058
Length retracted: 440 mm; Length extended: 740 mm	

Brackets for gas springs (outwards)

Brackets for mounting to an outwards opening window Gas spring version: cylinder + rod = eye bolt

Accessories	Item number
GFL Gas spring bearing bracket for front bearing (rod D = 19 mm), mounted to the wing frame, zincked, with bolt, washer and cotter, width = 18 mm.	K2 6062
GFK 100 A opening distance 90 mm Bracket for rear bearing (rod), mounted to the blind frame, connecting thread 8 mm, with M8 safety nut, aluminium anodized, width = 50 mm.	K2 6060 A
GFK 150 A opening distance 140 mm Bracket for rear bearing (rod), mounted to the blind frame, connecting thread 8 mm, with M8 safety nut, aluminium anodized, width = 50 mm.	K2 6061 B

Brackets for gas springs (inwards)

Brackets for mounting to an inwards opening window Gas spring version: cylinder = eye bolt, rod = angle joint

Accessories	Item number
GFLS Rear bearing bracket for GF 100/150 (rod D = 16 mm) with screw.	K2 6065
GFL Gas spring bearing bracket for rear bearing (rod D = 19 mm), mounted to the blind frame, zincked, with bolt, washer and cotter, width = 18 mm.	K2 6062
GFK 100 opening distance 90 mm Bracket for front bearing (rod), mounted to the wing frame, connecting thread 8 mm, with M8 safety nut, aluminium anodized, width = 50 mm.	K2 6060
GFK 150 opening distance 140 mm Bracket for front bearing (rod), mounted to the wing frame, connecting thread 8 mm, with M8 safety nut, aluminium anodized, width = 50 mm.	K2 6061

GFK 250 opening distance 240 mm

Bracket for front bearing (rod), mounted to the wing frame, connecting thread 8 mm, with M8 safety nut, aluminium anodized, width = 50 mm.

K2 6061 A

Spare parts for gas springs

Accessories	Item number
GFAS Eye bolt mounted on the rod, connecting thread M8	B5 6063
GFWG Angle joint mounted on the rod, connecting thread M8	B5 6064