Main type B: Spring locking

Function: In this basic type of lockable gas spring, the locking is achieved in gas. The piston travels completely in compressable nitrogen gas. When the valve is closed, this type can be positioned anywhere along the stroke but the locking is elastic. Depending on the amount of force applied, a displacement will take place when locked.

K0	B1	B	-	3	200	507		001*	550N
thread piston rod	connecting parts cylinder	model	push-out speed	diameter piston rod / cylinder Øx/Øy mm	stroke A (mm)	extended length (**see below)	progressivity ca. %	Index No. (*see below)	force F (N)
K0 =MF10x1x18	see connecting parts	B	– = normal	0 = 8/19	10-300	stroke x 2 +75	33		40-700
			0 = fast						
O0 =MF14x1,5x20				1= 8/22	10-300	stroke x 2 +75	23		40-700
			7 = slow	E= 8/28	10-300	stroke x 2 +87	13		40-700
W0 =MF 8x1x16			K = short release Rel. travel < 1 mm instead of < 3,5 mm	2= 10/22	10-700	stroke x 2 +81	39		50-1300
				3= 10/28	10-700	stroke x 2 +94	21		50+1300
				A= 10/40	10-700	stroke x 2 +101	8		50-1300
				B= 14/40	30-800	stroke x 2 +101	18		150-2600

**Attention: Calculation of extended length

EL1

The total length is calculated when the piston rod is extended. Please add the length of the connecting parts in order to find out the total length.

EL2

length EL2 = measured without hinge eyes and threads

*Index Number

Index No.

With the index no. – only necessary for repeating orders – we can reproduce exactly the same gas spring which has already been produced. You will receive the index no. with the order confirmation / invoice.