Main type P: Rigid locking in push-in direction, push-out direction relatively rigid

Function: The function is similar to that of a K type but the oil and gas chamber opposite. This means that the spring is rigid up to the mechanical strength spring is rigid up to the mechanical strength of the spring in compression direction. In extension direction, the locking is rigid until the force of the pressure on the floating piston is exceeded (locking force).

K0	B1	P	-	3	200	660		001*	550N			
thread piston rod	connecting parts cylinder	model	push-out speed	size Øx/Øy mm	stroke mm	extended length min. EL2** mm	progressivity ca. %	Index No. (*see below)	Force F (N)	lockable force in pull direction (release travel < 1mm)	lockable force in pull direction(release travel > 2,5mm)	lockable force in push direction
K0 =MF10x1x18	see connecting parts	**P**	**–** = normal	**1**= 8/22	10-300	stroke x 2,83 +74	35		40-700	Lower locking force	Lower locking force	7000
						stroke x 2,64 +74	50					
O0 =MF14x1,5x20						stroke x 2,43 +74	100					
W0 =MF 8x1x16			**0** = fast	**E**= 8/28	10-300	stroke x 2,48 +78	35		40-700	Lower locking force	Lower locking force	7000
						stroke x 2,35 +78	50					
						stroke x 2,25 +78	100					
			7	**2**=	10-500	stroke x 3,46 +81	35		50-130	Lower locking force	2,6 x F1	7000

= slow	10/22		stroke x 3,15 +81	50	0			
			stroke x 2,76 +81	100				
K = Short release	**3=** 10/28	10-500	stroke x 2,81 +85 stroke x 2,63 +85 stroke x 2,42 +85	35 50 100	50-130 0	Lower locking force	4,8 x F1	10.000
Release travel < 1 mm instead of < 3,5 mm	**A=** 10/40	10-500	stroke x 2,32 +91 stroke x 2,25 +91 stroke x 2,17 +91	35 50 100	100-13 00	Lower locking force	12 x F1	10.000
	B= 14/40	30-700	stroke x 2,68 +93 stroke x 2,53 +93 stroke x 2,17 +93	35 50 100	250-26 00	Lower locking force	5,6 x F1	10.000

**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.