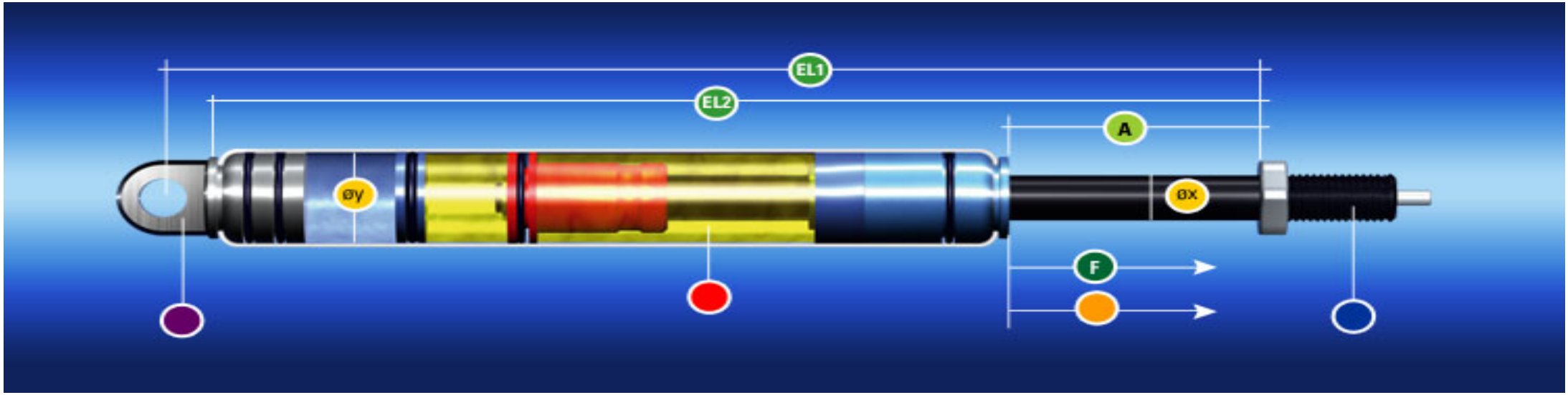

Main typeK: Rigid locking in pull direction, push-in direction relatively rigid

Function: Here the locking function takes place in an oil chamber which is separated from the gas using a floating piston. If a force is applied on the locked spring in extension direction, because there is only oil between the piston and the guide piece, the locking force remains rigid up to the mechanical strength of the spring.
If a force is applied in the compression direction, the spring remains rigid until the force of the pressure on the floating piston is exceeded (locking force).

K0	B1	K	-	3	200	594		001*	550N			
thread piston rod	**Connecting part 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)**	**Locking force In pull direction** (release travel < 1mm)	**Locking force In pull direction** (release travel > 2,5 mm)	**locking force in pushdirection**
	See page 42 "connecting Parts"	**K**	**–** = normal	0= 8/19	10-300	Hub x 2,73 +67 Hub x 2,53 +67 Hub x 2,27 +67	35 50 100		40-700	***	***	4 x F1
K0 =MF10x1x18			**0** = fast	1= 8/22	10-300	Hub x 2,52 +68 Hub x 2,37 +68 Hub x 2,19 +68	35 50 100		40-700	***	***	5,6 x F1

O0 =MF14x 1,5x20	**7** = slow	E= 8/28	10-300	Hub x 2,33 +72	35		40-700	***	***	9 x F1
				Hub x 2,24 +72	50					
				Hub x 2,13 +72	100					
W0 =MF 8x1x16	**K** =short release < 1 mm instead of < 3,5 mm	2= 10/22	10-500	Hub x 2,81 +73	35		50-1300	***	7.000	3,6 x F1
				Hub x 2,58 +73	50					
				Hub x 2,30 +73	100					
		3= 10/28	10-500	Hub x 2,52 +77	35		50-1300	***	10.000	5,8 x F1
				Hub x 2,36 +77	50					
				Hub x 2,19 +77	100					
		A= 10/40	10-500	Hub x 2,21 +93	35		50-1300	***	10.000	13 x F1
				Hub x 2,15 +93	50					
				Hub x 2,07 +93	100					
		B= 14/40	30-700	Hub x 2,43 +99	35		150-2600	***	10.000	6,6 x F1
				Hub x 2,31 +99	50					
				Hub x 2,15 +99	100					

**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.