

EP2 24 (Ejector Pin with an M24 thread). Four preset models are available. Each model is color-coded for easy identification of force rating. If needed, these models can be re-charged or adjusted to meet individual force requirements. A special model (black), which is delivered with a precharge of 5 to 10 bar, is also available and is intended for adjustment to the desired force.



Basic information

For general information see “About gas springs”.

Pressure medium	Nitrogen
Max. charging pressure (at 20°C)	150 bar
Min. charging pressure (at 20°C)	10 bar
Operating temperature	0 to +80°C
Force increase by temperature	0.3%/°C
Recommended max strokes/min (at 20°C).....	~ 30-80
Max piston rod velocity	1.6 m/s
Rod surface	Nitrided
Tube surface	Nitrided
Repair kit	Non-repairable

Automotive standard: VDI 3004, ISO 20928, WDX35-60-3024080,
GMGDS 90.25.95, 39-670-005x, 39-67-0061, WDX35-60-3024110,
WDX35-60-3024140



How to order

Model:

EP2 24 - 10 - Red

Force: Green, Blue, Red, Yellow, Black

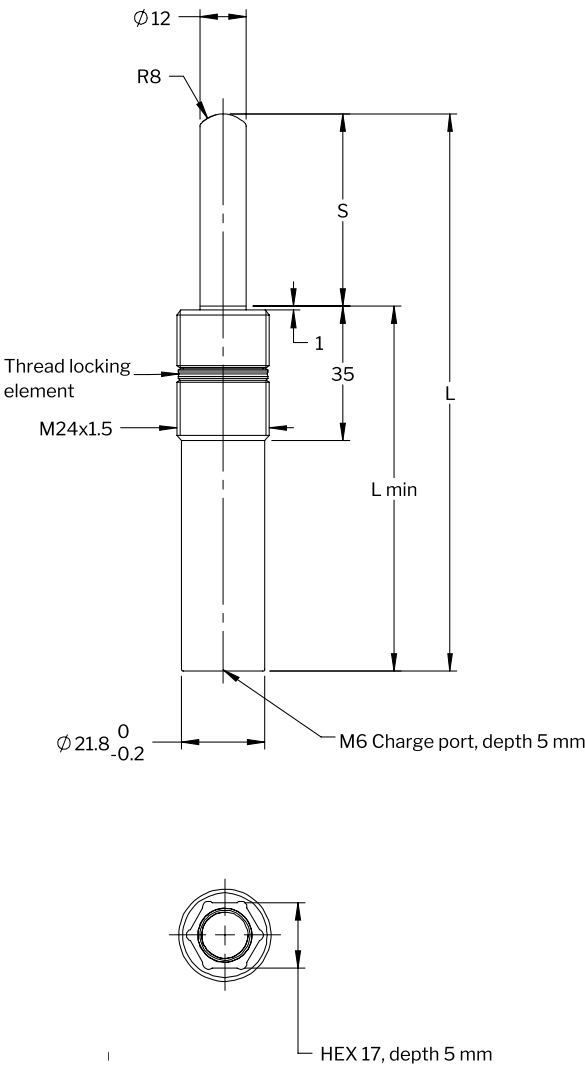
Stroke length: (mm)
(10, 20, 30, 40, 50, 60, 70, 80, 100, 125)

Model	Initial force at +20°C		Color	Charging pressure (bar)	Isothermal end force at + 20°C, at full stroke	
	in N	in lbf			in N	in lbf
EP2 24	230	52	Green	20	390	90
EP2 24	450	101	Blue	40	800	180
EP2 24	850	191	Red	75	1,500	340
EP2 24	1,700	382	Yellow	150	2,900	650
EP2 24 XX*	113-1,700	25-382	Black	10-150	110-2,900	25-650

* Force to be set by the customer. Delivered with a pre-charge of 5-10 bar.

S stroke	L ±0.25	L min.	Gas vol. (l)	Weight (kg)
10	65	55	0.003	0.13
20 ■	85	65	0.006	0.15
30	105	75	0.008	0.17
40	125	85	0.011	0.19
50	145	95	0.012	0.21
60	165	105	0.014	0.23
70	185	115	0.017	0.25
80	205	125	0.019	0.27
100	245	145	0.024	0.31
125	295	170	0.030	0.35

■ Recommended stroke length for optimal delivery.

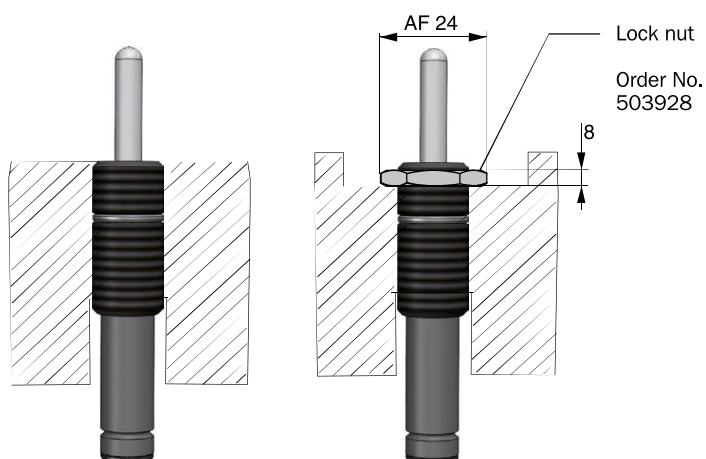


Installation tool



Order No. 3021000

Mounting possibilities



EP3 16 gas springs (Ejector Pin with an M16 thread) are available in M16x1.5 and M16x2 thread size. For each thread size, six models are available. Four preset models (Green, Blue, Red & Yellow) and one adjustable model (Black), whose pre-charging pressure is 5-10 bar, intended for the customer to adjust the gas charge pressure. They are all color-coded to help identify the force rating and can be adjusted and re-charged to meet individual force requirements.



Basic information

For general information see “About gas springs”.

Pressure medium	Nitrogen
Max. charging pressure (at 20°C)	150 bar
Min. charging pressure (at 20°C)	10 bar
Operating temperature	0 to +80°C
Force increase by temperature	0.3%/°C
Recommended max strokes/min (at 20°C)	~ 100
Max piston rod velocity	1.6 m/s
Rod surface	Nitrided
Tube surface	Black Oxide
Repair kit	Non-repairable

Automotive standard: VDI 3004, ISO 20928, WDX35-60-3016xxx, GMGDS 90.25.97, 39-670-005x, GMGDS 90.80.46



How to order

EP3 16x1.5 - 10 - Blue

Model: Force: Green, Blue, Red, Yellow, Black

Thread: x1.5 = M16x1.5
x2 = M16x2

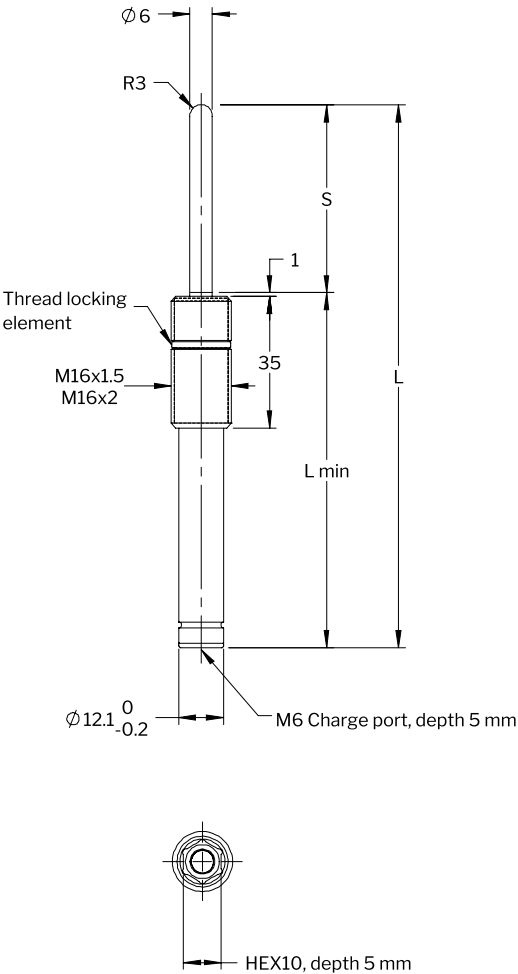
Stroke length: (mm)
(10, 20, 30, 40, 50, 60, 70, 80, 100, 125)

Model	Initial force at +20°C		Color	Charging pressure (bar)	Isothermal end force at + 20°C, at full stroke	
	in N	in lbf			in N	in lbf
EP3 16x1.5/x2	57	13	Green	20	95	21
EP3 16x1.5/x2	110	25	Blue	40	190	43
EP3 16x1.5/x2	210	47	Red	75	360	81
EP3 16x1.5/x2	420	95	Yellow	150	715	160
EP3 16x1.5/x2 XX*	28-420	9-95	Black	10-150	64-715	14-160

* Force to be set by the customer. Delivered with a pre-charge of 5-10 bar.

S stroke	L ±0.25	L min.	Gas vol. (l)	Weight (kg)
10	65	55	0.002	0.06
20 ■	85	65	0.003	0.07
30	105	75	0.003	0.07
40	125	85	0.004	0.08
50	145	95	0.005	0.08
60	165	105	0.005	0.09
70	185	115	0.006	0.10
80	205	125	0.006	0.11
100	245	145	0.008	0.11
125	295	170	0.010	0.13

■ Recommended stroke length for optimal delivery.

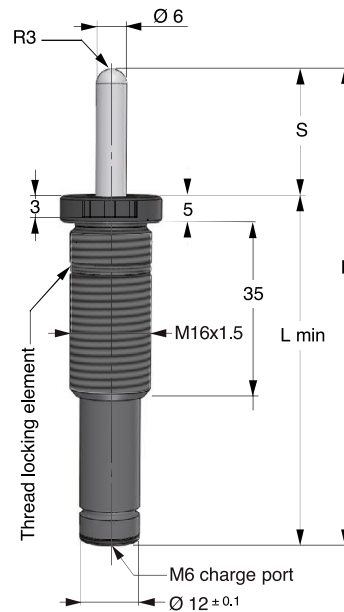


Installation tool

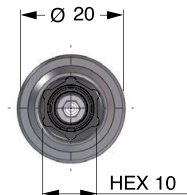


Order No. 3021000

EPS3 16



Also available with shoulder as per GM-Standard 90.80.45. Contact your local distributor or Strömsholmen AB for more information.



Mounting possibilities

