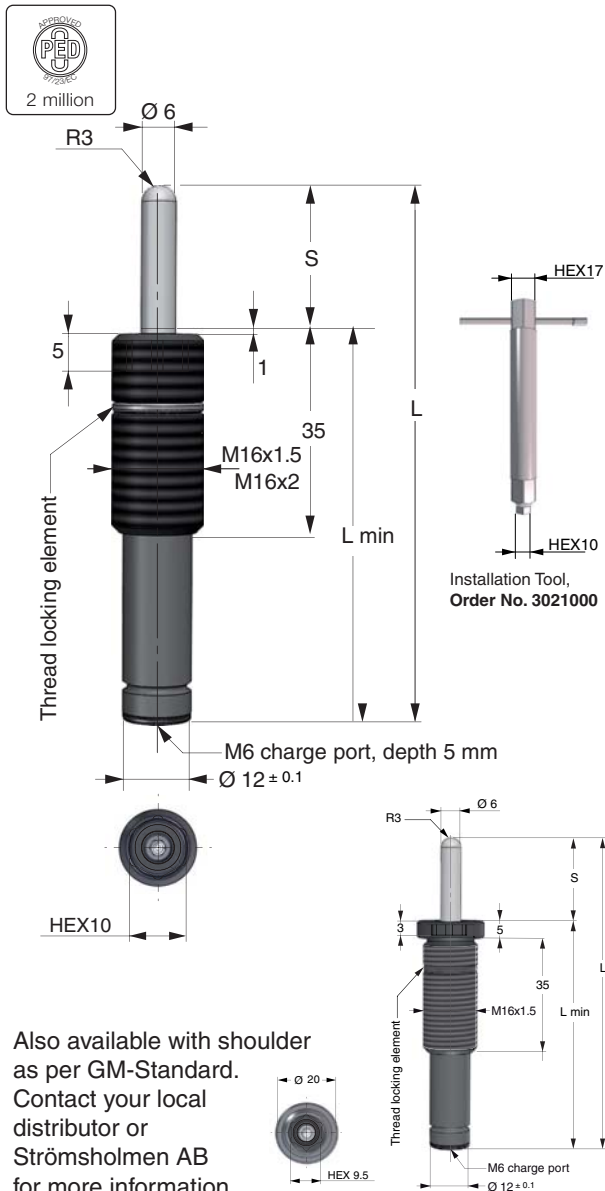


# EP3 16



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

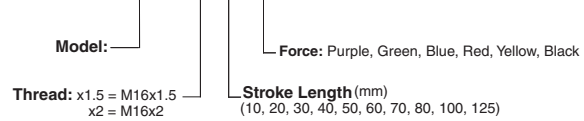
EP3 16 gas springs (Ejector Pin with an M16 thread) are available in M16x1.5 and M16x2 thread size.

For each thread size, six models are available. Five preset models (Purple, 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.

### How to order

#### EP3 16x1.5 - 10 - Blue



Model	Initial force at +20°C		Color	Charging pressure (bar)	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

## Basic Information

For general information see "About gas springs", 2.1

- Pressure medium ..... Nitrogen
- Max. charging pressure ..... 150 bar
- Min. charging pressure ..... 12 bar
- Operating temperature ..... 0 to +80°C
- Force increase by temperature ..... ± 0.3%/°C
- Recommended max strokes/min .... ~ 100 (at 20°C)
- Max piston rod velocity ..... 1.6 m/s

- Rod surface..... Nitrided
- Tube surface ..... Black Oxide
- Repair kit..... Non-repairable

## Mounting Possibilities

