



How to order

EP2 24 -10 -Red

Model: _____

Force: Green, Blue, Red, Yellow, Black

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

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 pre-charge of 5 to 10 bar, is also available and is intended for adjustment to the desired force.



Installation Tool,
Order No. 3021000

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
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*	65-1700	15-382	Black	6-150	110-2900	25-650

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

S	L	L	Gas vol.	Weight
Stroke	±0.25	min	(l)	(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

Basic Information

- For general information see "About gas springs", 2.1
- Pressure medium Nitrogen
- Max. charging pressure 150 bar
- Min. charging pressure 6 bar
- Operating temperature 0 to +80°C
- Force increase by temperature ± 0.3%/°C
- Recommended max strokes/min ~ 30-80 (at 20°C)
- Max piston rod velocity 1.6 m/s
- Rod surface..... Nitrided
- Tube surface Nitrided
- Repair kit..... Non-repairable

Mounting Possibilities

