



Stock Lifter



Order No. 2.5505.00.1205.01000

2 · 20056 · 2005 · 1 □

12/2005



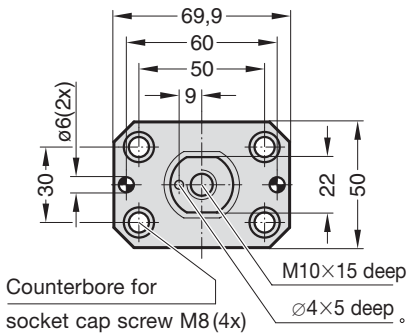
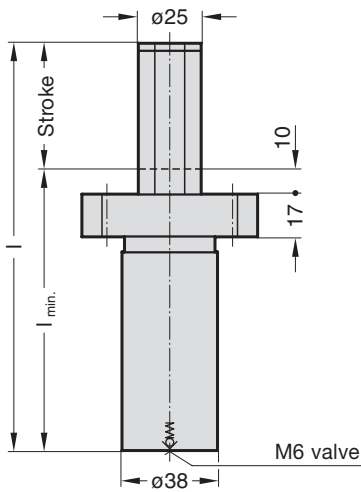


Stock lifter Stocklifter with attachment lug

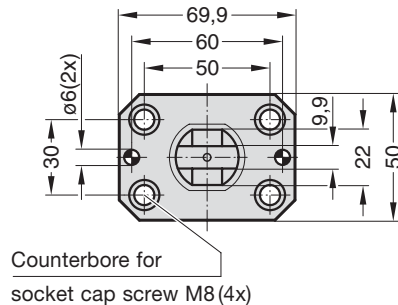
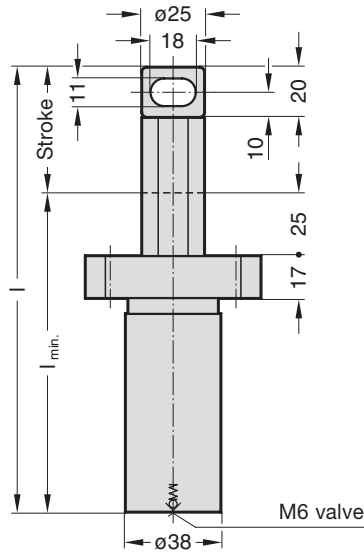
2478.30.00170..1
2478.30.00170..2



2478.30.00170..1



2478.30.00170..2



Description:

The cylinder base can be used for topping up and reducing gas pressure and for inter-connection arrangements.

Note:

Stocklifters are equipped with a "Power-Line" 2487.12.00170. gas spring with no option for wear compensation, so complete replacement is required.

2478.30.00170..1

Order No	Stroke	l_{min}	l
2478.30.00170.025.1	25	87	112
038.1	38	100	138
050.1	50	112	162
080.1	80	145	225
100.1	100	165	265
125.1	125	190	315

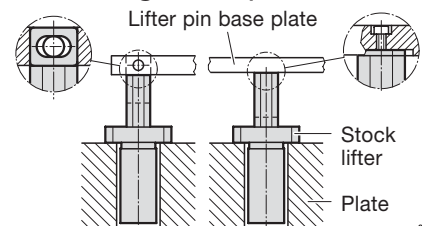
Refer to diagrams for spring forces

2478.30.00170..2

Order No	Stroke	l_{min}	l
2478.30.00170.025.2	25	102	127
038.2	38	115	153
050.2	50	127	177
080.2	80	160	240
100.2	100	180	280
125.2	125	205	330

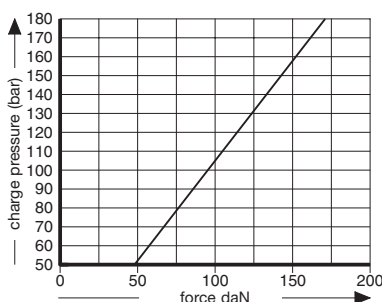
Refer to diagrams for spring forces

Mounting examples:



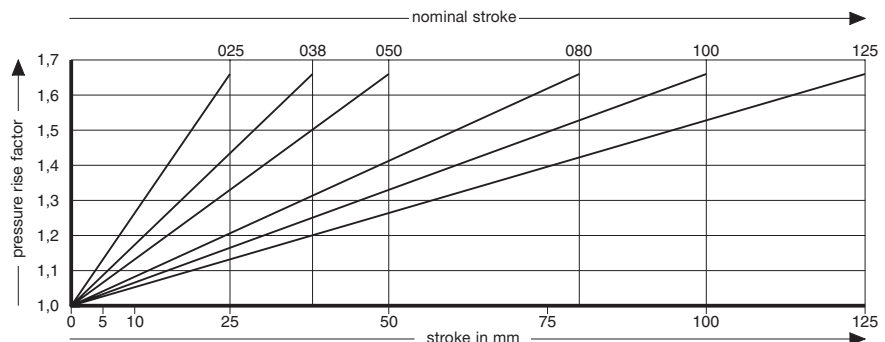
2478.30.

Initial spring force versus charge pressure



2478.30.

Spring force diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!

Pressure medium: Nitrogen - N₂
 Max. filling pressure: 180 bar
 Min. filling pressure: 25 bar
 Working temperature: 0°C to +80°C
 Temperature related force increase: ±0,3%/°C
 Max. recommended extensions per minute: approx. 40 to 100 (at 20°C)
 Max. piston speed: 1,6 m/s
 Max. usable stroke: 100%