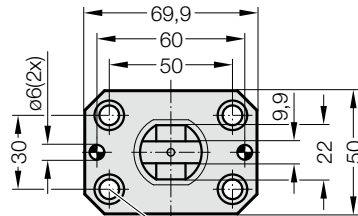
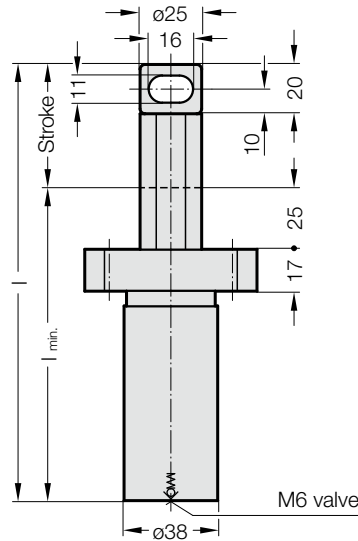


STOCK LIFTER WITH ATTACHMENT LUG



2478.30. .2



Counterbore for
socket cap screw M8(4x)

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 "PowerLine" 2487.12.00170. gas spring with no option for wear compensation, so complete replacement is required.

Initial spring force: 170 daN

Pressure medium: Nitrogen – N_2

Max. filling pressure: 180 bar

Min. filling pressure: 25 bar

Working temperature: 0°C to $+80^{\circ}\text{C}$

Temperature related force increase: $\pm 0,3\%/^{\circ}\text{C}$

Max. recommended extensions per minute:
approx. 40 to 100 (at 20°C)

Max. piston speed: 1,6 m/s

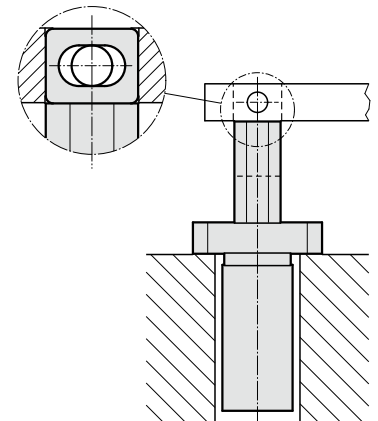
Max. usable stroke: 100%

Spring forces as per spring diagram.

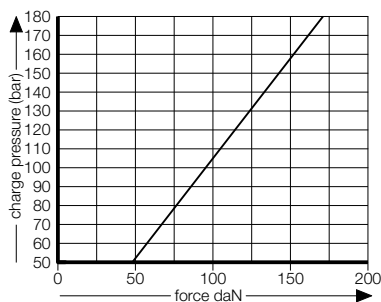
2478.30. .2

Stock lifter with attachment lug

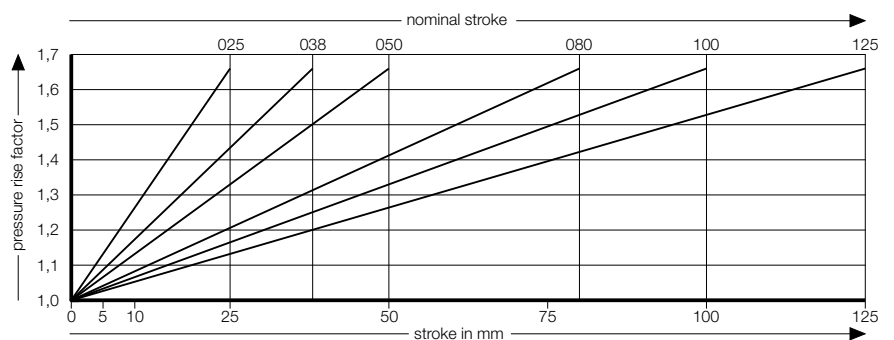
Order No	Stroke _{max.}	$l_{\min.}$	l
2478.30.00170.025.2	25	102	127
2478.30.00170.038.2	38	115	153
2478.30.00170.050.2	50	127	177
2478.30.00170.080.2	80	160	240
2478.30.00170.100.2	100	180	280
2478.30.00170.125.2	125	205	330



Initial spring force
versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!