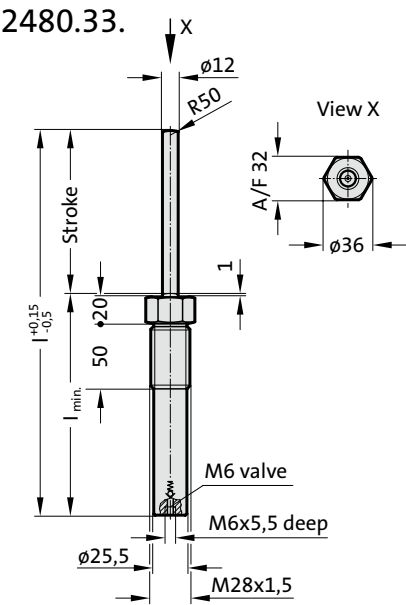


GAS SPRING WITH HEXAGONAL FLANGE



Description:

The gas springs are colour-coded according to the spring force rating ranges 15–50–100–150–200 daN.

All springs, regardless of their spring force ratings, are of the same design. The differing force ratings result exclusively from the differing charge pressures.

Do take into consideration the colour-coded pressure rating during repair work and recharging.

Note:

Other stroke lengths avail on request! See gas spring 2480.32.

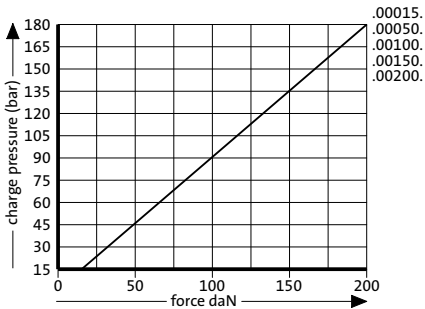
Order No for spare parts kit: 2480.21.00150

Pressure medium: Nitrogen N_2
 Max. filling pressure: 180 bar
 Min. filling pressure: 13 bar
 Working temperature: 0°C to +80°C
 Temperature related force increase: $\pm 0.3\%/^{\circ}C$
 Max. recommended extensions per minute: approx. 80 to 100 (at 20°C)
 Max. piston speed: 1.6 m/s

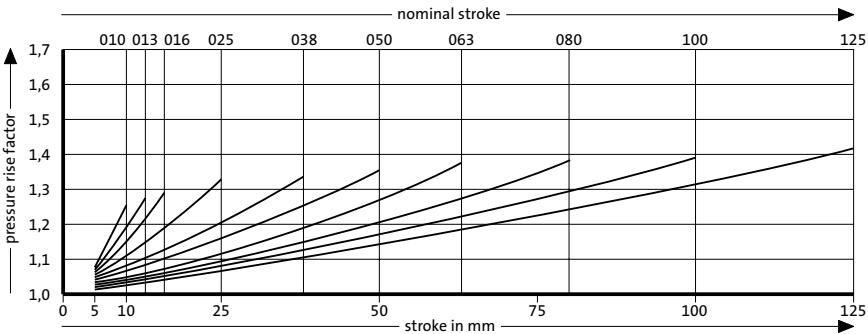
2480.33. Gas spring with hexagonal flange

Order No	Stroke _{max.} (s)	<i>l</i> _{min.}	<i>l</i>	Spring force [daN] initial	Colour
2480.33.00015.125	125	167	292	15	black
2480.33.00050.125	125	167	292	50	green
2480.33.00100.125	125	167	292	100	blue
2480.33.00150.125	125	167	292	150	red
2480.33.00200.125	125	167	292	200	yellow

Initial spring force
versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!