

GAS SPRING WITH THROUGH BORE PASSAGE

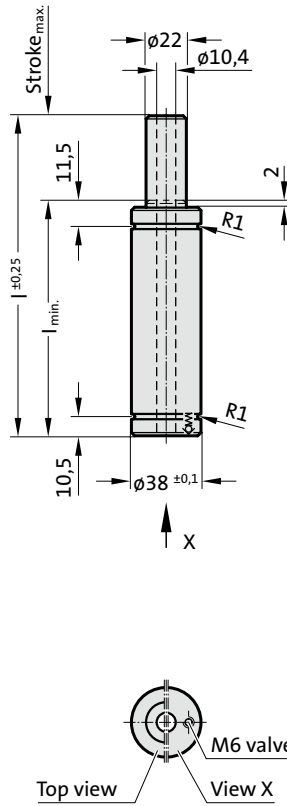
Note:

Initial spring force at 150 bar = 270 daN

Order No for spare parts kit: 2496.12.00270

Pressure medium: Nitrogen N₂
 Max. filling pressure: 150 bar
 Min. filling pressure: 50 bar
 Working temperature: 0°C to +80°C
 Temperature related force increase: ± 0.3%/°C
 Max. recommended extensions per minute: approx. 15 to 40 (at 20°C)
 Max. piston speed: 0.5 m/s

2496.12.00270.



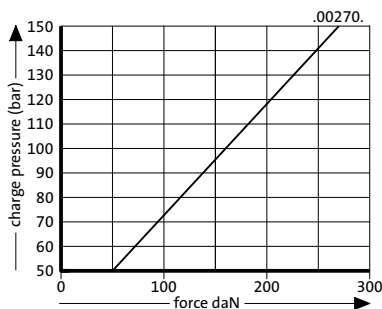
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Gas spring with through bore passage

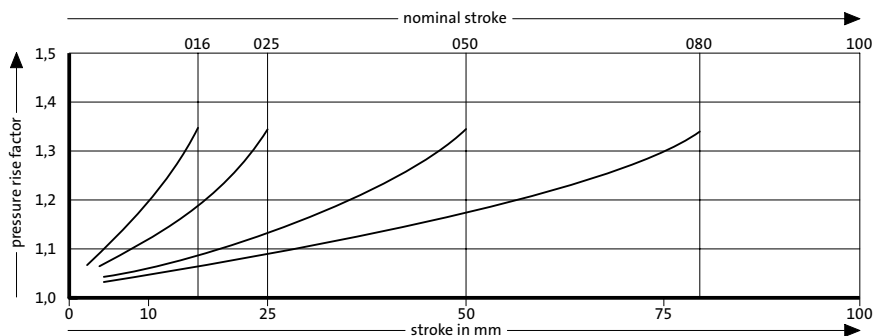
Order No	Stroke _{max.} (s)	l _{min.}	l	g ₂ *
2496.12.00270.016	16	92	108	86
2496.12.00270.025	25	101	126	95
2496.12.00270.050	50	126	176	120
2496.12.00270.080	80	156	236	150

see mounting example

Initial spring force versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!