

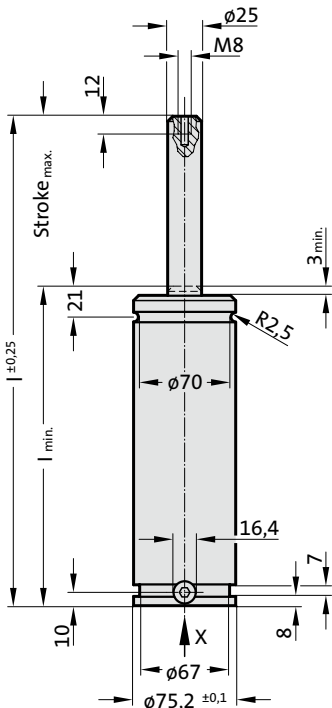
GAS SPRING SPEED CONTROL, CUSHIONED

Note:
Initial spring force at 150 bar = 750 daN

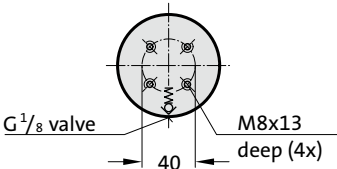
Order No for spare parts kit: 2486.12.00750

Pressure medium: Nitrogen N₂
Max. filling pressure: 150 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. 16 to 24 (at 20°C)
Dampening length: ~ 30 mm
Piston rod speed, decelerated: 0.4 m/s

2486.12.00750.



View X - Gas spring

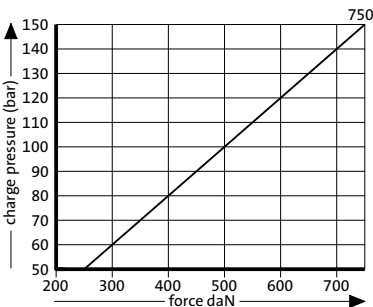


2486.12.00750.

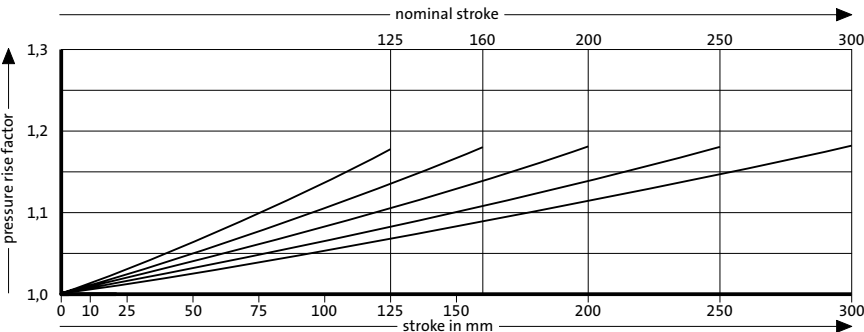
Gas spring **SPEED CONTROL,**
cushioned

Order No	Stroke _{max.} (s)	I _{min.}	I
2486.12.00750.125	125	235	360
2486.12.00750.160	160	270	430
2486.12.00750.200	200	310	510
2486.12.00750.250	250	360	610
2486.12.00750.300	300	410	710

Initial spring force
versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!