

GAS SPRING, WITH LOW BUILD HEIGHT

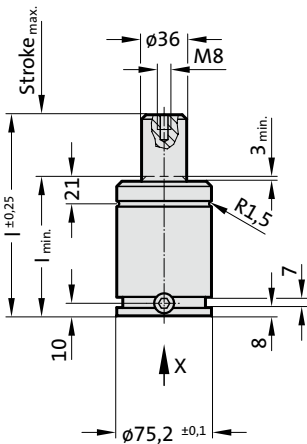
Note:
Initial spring force at 150 bar = 1500 daN

Order No for spare parts kit: 2485.12.01500

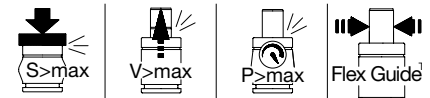
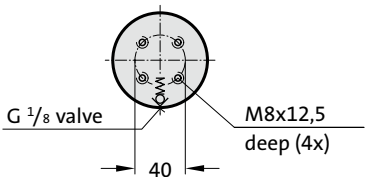
Gas spring without valve
Order No (example): 2485.12.01500. .P

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. 15 to 40 (at 20°C)
Max. piston speed: 1.6 m/s

2485.12.01500.



View X - Gas spring

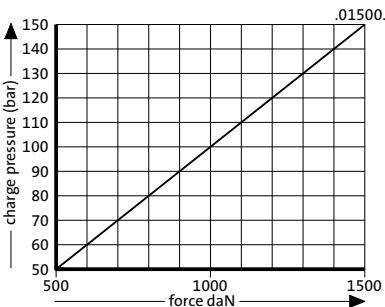


2485.12.01500.

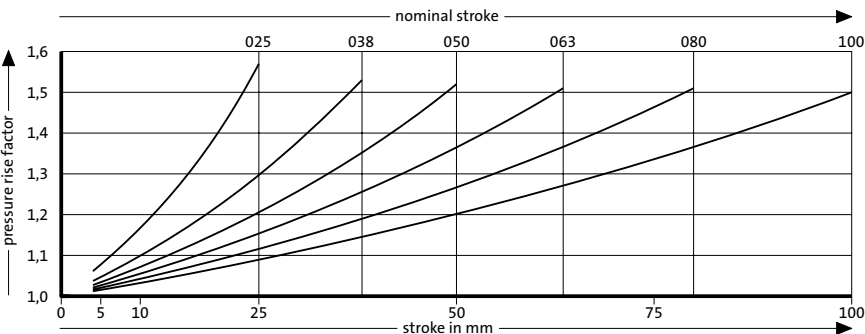
Gas spring, with low build height

Order No	Stroke _{max.} (s)	I _{min.}	I
2485.12.01500.025	25	85	110
2485.12.01500.038	38.1	98.1	136.2
2485.12.01500.050	50	110	160
2485.12.01500.063	63.5	123.5	187
2485.12.01500.080	80	140	220
2485.12.01500.100	100	160	260

Initial spring force
versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!