

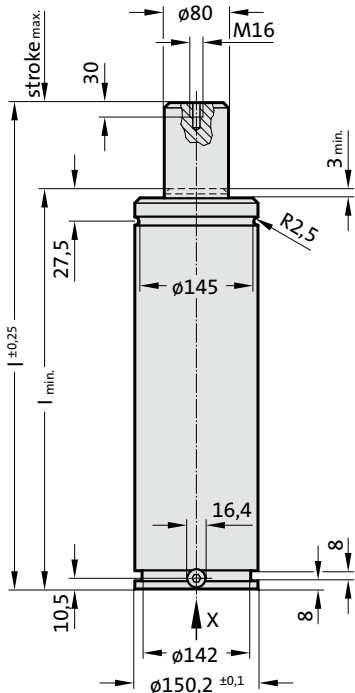
GAS SPRING DS

Note:
Initial spring force at 150 bar = 7500 daN

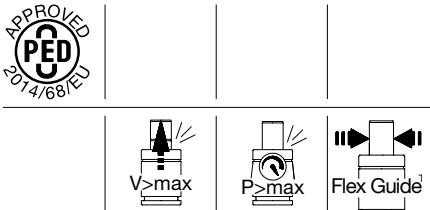
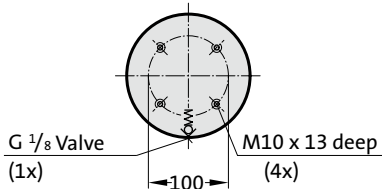
Order No. for spare parts kit: 2486.22.07500

Pressure medium: Nitrogen - N₂
Max. filling pressure: 150 bar
Min. filling pressure: 25 bar
Working temperature: 0°C bis +80°C
Temperature related force increase: ± 0.3%/°C
Max. recommended extensions per minute:
approx. 20 to 50 (at 20°C)
Max. piston speed: 1.6 m/s
Max. return stroke speed: 0.2 m/min

2486.22.07500.



View X - Gas spring

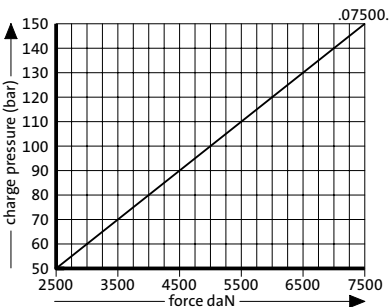


2486.22.07500.

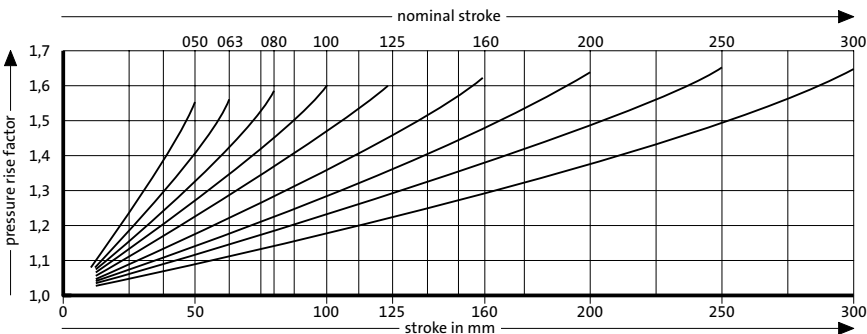
Gas spring DS

Order No	Stroke _{max.} (s)	l _{min.}	l
2486.22.07500.050	50	205	255
2486.22.07500.063	63.5	218.5	282
2486.22.07500.080	80	235	315
2486.22.07500.100	100	255	355
2486.22.07500.125	125	280	405
2486.22.07500.160	160	315	475
2486.22.07500.200	200	355	555
2486.22.07500.250	250	405	655
2486.22.07500.300	300	455	755

Initial spring force
versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!