

GAS SPRING CX, COMPACT XTREME

Note:

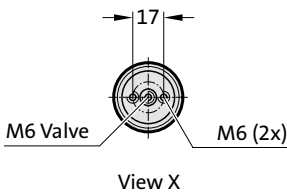
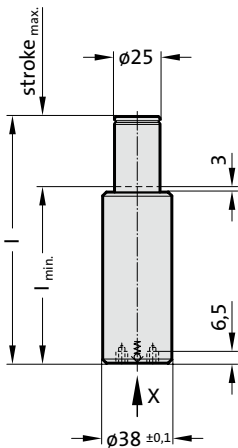
Initial spring force at 200 bar = 1000 daN

Order No for spare parts kit: 2497.12.01000

For stroke lengths over 25 mm, the gas pressure springs in the tool should be attached to the base through the threaded holes. When mounting to floor, contact over the entire floor of the cylinder tube must be ensured! Before fitting the adapter base plate remove the valve from the gas spring. If vibration occurs, tighten the fixing screws accordingly.

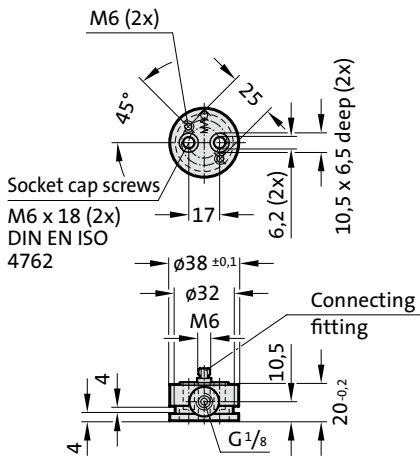
Pressure medium: Nitrogen N₂
Max. filling pressure: 200 bar
Min. filling pressure: 25 bar
Working temperature: 0°C to +80°C
Temperature related force increase: ± 0.3%/°C
Max. recommended extensions per minute: approx. 70 to 200 (at 20°C)
Max. piston speed: 1.6 m/s

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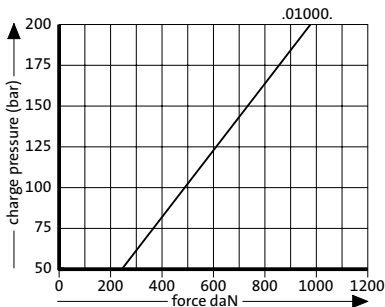


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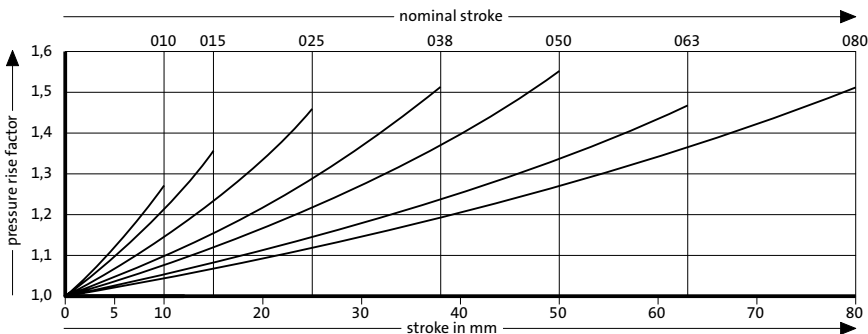
Adapter baseplate with connecting fitting, with valve



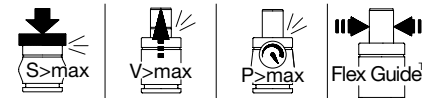
Initial spring force versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!



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Order No	Stroke _{max.} (s)	l _{min.}	l
2497.12.01000.010	10	65	75
2497.12.01000.015	15	70	85
2497.12.01000.025	25	80	105
2497.12.01000.038	38	97	135
2497.12.01000.050	50	110	160
2497.12.01000.063	63	142	205
2497.12.01000.080	80	160	240