

Gesteuerte Gasdruckfedern

Controlled gas springs

Ressorts à gaz contrôlés

3



| Druckmedium | Pressure medium | Médium de pression | Stickstoff (N ₂) |
|--|--|--|------------------------------|
| Max. Fülldruck | Max. filling pressure | Pression de rempl. max. | 105 bar |
| Min. Fülldruck | Min. filling pressure | Pression de rempl. min. | 50 bar |
| Max. Betriebstemperatur | Max. working temperature | Température de service max. | 60 °C |
| Temperaturabhängige Druckerhöhung | Pressure increase due to temperature | Accroissement de pression sous l'influence de la temp. | 0,33 %/°C |
| Max. Kolbengeschwindigkeit | Max. piston speed | Vitesse max. du piston | 0,5 m/s. |
| Max. empfohlene Hübe | Max. recommended strokes | Course recommandé max. | 10 - 35* S/min. |
| * = Maximale Anzahl abhängig von Arbeitsparametern | * = Maximum rate will depend on working parameters | * = Nombre maximum dépendant des paramètres de travail | |

Erforderliche Angaben des Kunden

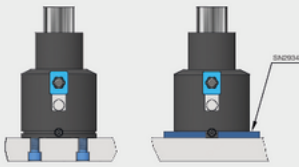
Arbeitshub¹⁾: _____ mm
 Pressengeschwindigkeit: _____ m/min
 Maximale Pressenrate: _____ Hübe/min

¹⁾ Die 100 % Ausnutzung des Hubes **S** reduziert die max. möglichen Arbeitsparameter. 10 % Hubreserve sind in der Werkzeugkonstruktion einzukalkulieren.

Required information of the customer

Working stroke¹⁾: _____ mm
 Press speed: _____ m/min
 Maximum press rate: _____ Strokes/min

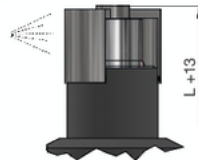
¹⁾ The 100 % utilization of the stroke **S** reduces the max. possible working parameters. 10 % stroke reserve is to be calculated in the tool construction.



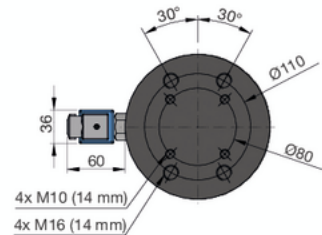
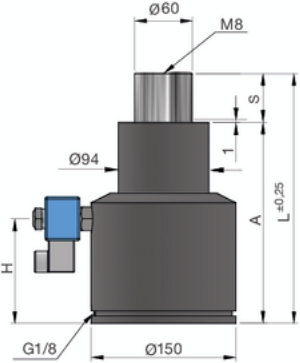
Type 1



Type 2



Type 3



SN2884-3000



SN2884-3000-S-Type



S = Hub¹⁾ / Stroke¹⁾ / Course¹⁾

bar = Fülldruck / Filling pressure / Pression de remplissage



| S | Type | A | L | H | daN | daN | bar | Fa [cm ²] |
|-----|-------|-----|-----|-------|-----------------|------|------------|-----------------------|
| 50 | 1/2/3 | 208 | 258 | 88,5 | | 4065 | | 28,27 |
| 75 | 1/2/3 | 245 | 320 | 100,5 | 3000 ±5% (20°C) | 4465 | 105 (20°C) | 28,27 |
| 100 | 1/2/3 | 282 | 382 | 112,5 | | 4515 | | 28,27 |
| 125 | 1/2/3 | 319 | 444 | 124,5 | | 4655 | | 28,27 |