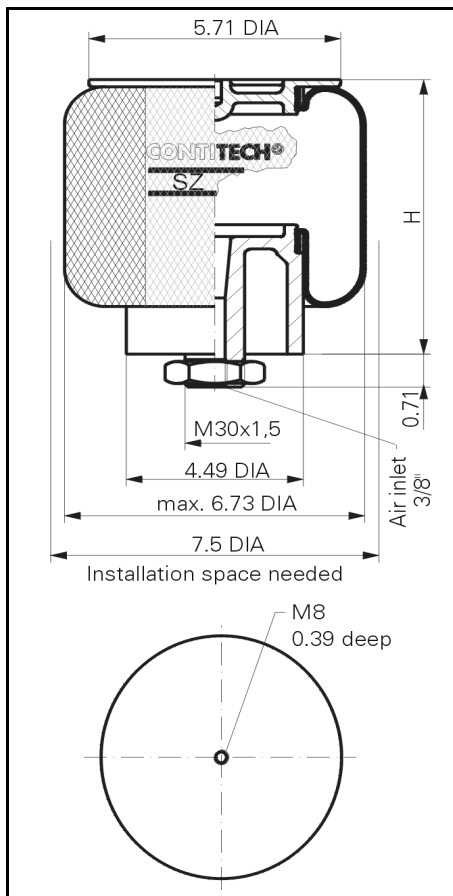
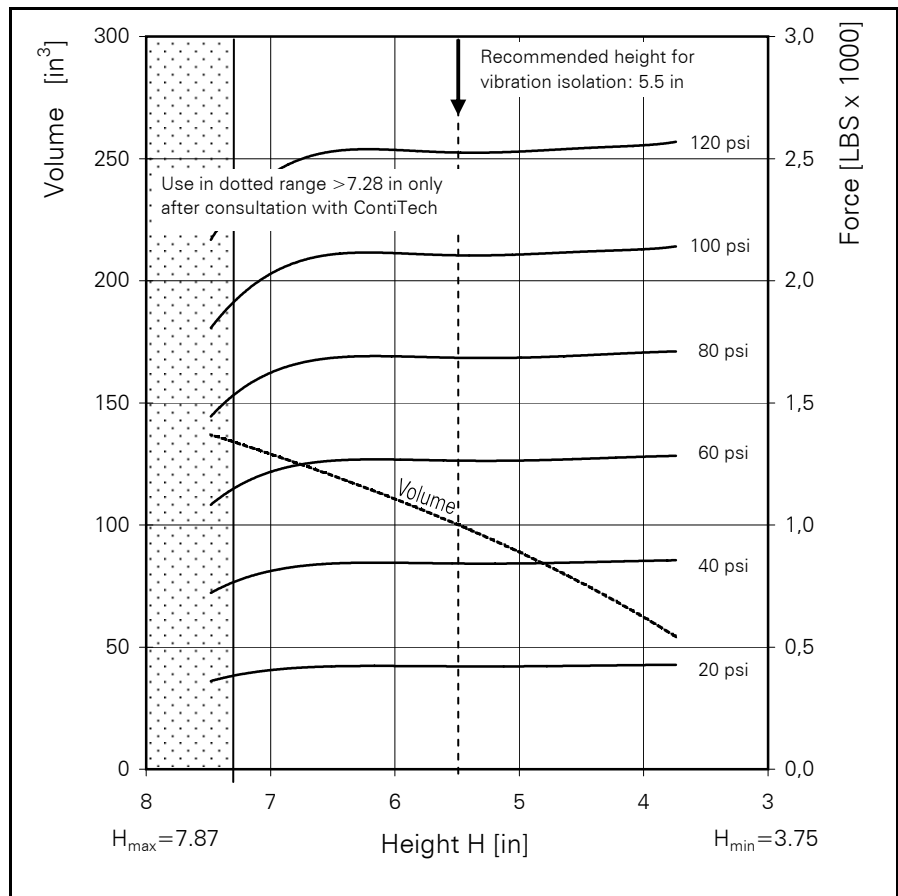


**SZ 140-11** CONTI® Sleeve Type Air Spring



SZ 140-11



Force-height diagram

**Purchase order data**

Type	Order No.
With G 3/8 air inlet	2687 060 000

Additional types on request

**Technical data**

Min. pressure	13.1 psi
Return force to min. height	≤ 292 lbs
Overall weight with nut	2.2 lbs

**Vibration isolation - dynamic characteristic values**

Design height H: recommended 5.5 inch, lateral guidance necessary

Pressure p [psi]	40	60	80	100	120		Vol. V [in <sup>3</sup> ]
Force (Load) [lbs]	840	1260	1680	2090	2510		98
Spring rate [lbs/in]	425	602	781	950	1134		
Natural frequency [Hz]	2.3	2.2	2.2	2.1	2.1		

**Pneumatic application - static characteristic values**

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol. V [in <sup>3</sup> ]
Height H [in]	7	400	810	1210	1620	2020	130
	6	420	850	1270	1690	2120	109
	5	420	850	1270	1690	2120	87
	4	430	850	1280	1710	2130	64



- Service instructions
- M8 = 4 LBxFT
- M30x1,5 = 28 LBxFT
- G 3/8 = 7 LBxFT