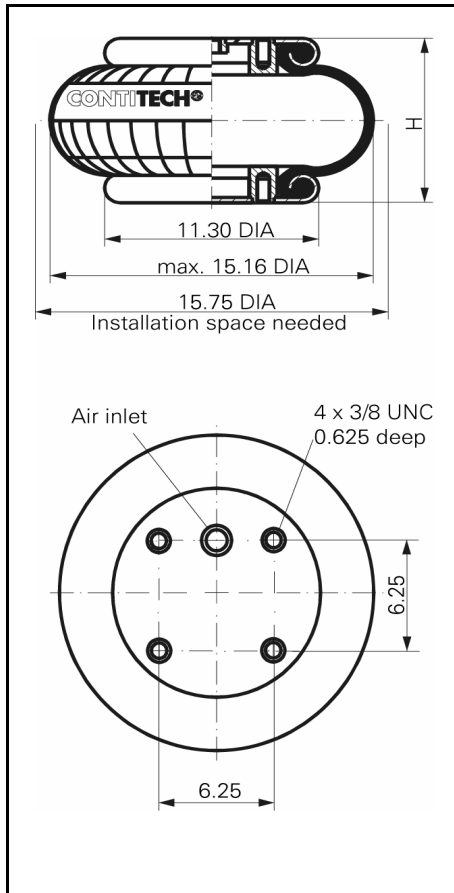
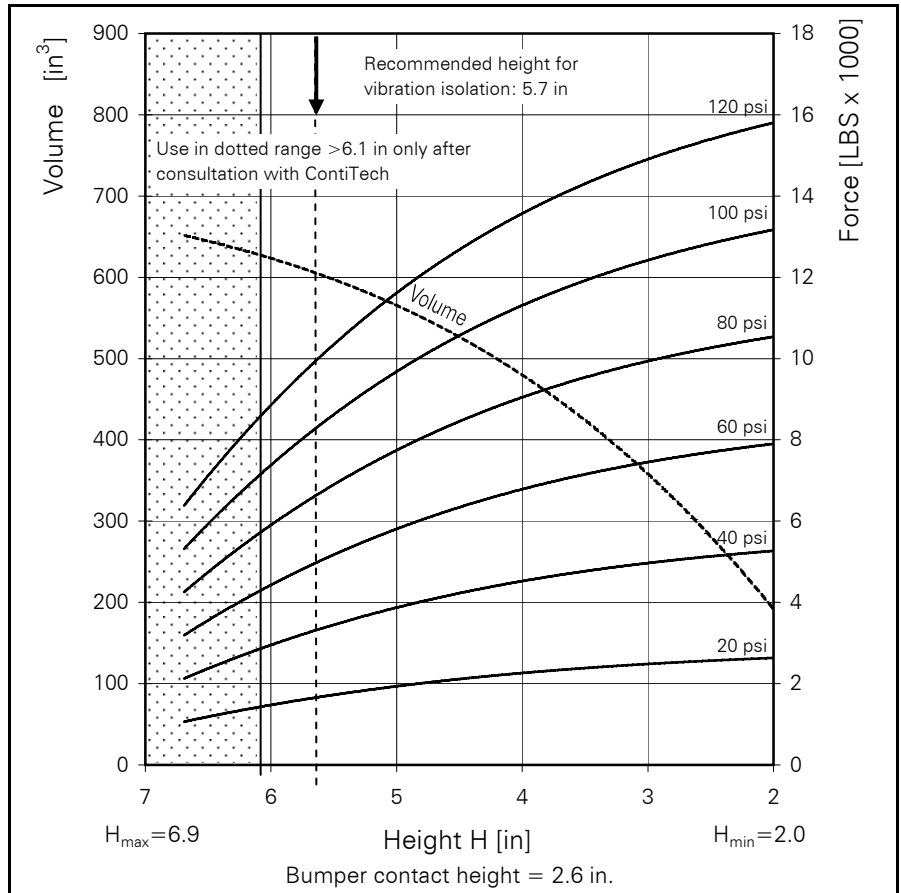


**FS 530-11 CONTI® Single Convolution Air Spring**



FS 530-11



Force-height diagram

**Purchase order data**

Type	Order No.
Rubber bellows only	60381
With clamped plates 1/4 NPT air inlet	on request
With clamped plates 3/4 NPT air inlet	on request
With bumper, clamped plates 3/4 NPT air inlet	on request

Additional types on request

**Technical data**

Min. pressure	0 psi
Return force to min. height	≤ 67 lbs
Overall weight with clamped plates	13 lbs

**Vibration isolation - dynamic characteristic values**


Design height H: recommended 5.7 inch, minimum 4.3 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in <sup>3</sup> ]
Force (Load) [lbs]	3260	4900	6530	8160	9790		607
Spring rate [lbs/in]	2084	2953	3830	4572	5403		
Natural frequency [Hz]	2.5	2.4	2.4	2.4	2.3		

**Pneumatic application - static characteristic values**

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in <sup>3</sup> ]	
Height H [in]	6	1480	2970	4450	5940	7420	8910	621
	5	1930	3860	5790	7720	9660	11590	564
	4	2260	4510	6770	9020	11280	13540	482
	3	2480	4970	7450	9930	12410	14900	357

 Service instructions  
3/8 = 15-20 LBxFT  
3/4 NPT = 40-50 LBxFT