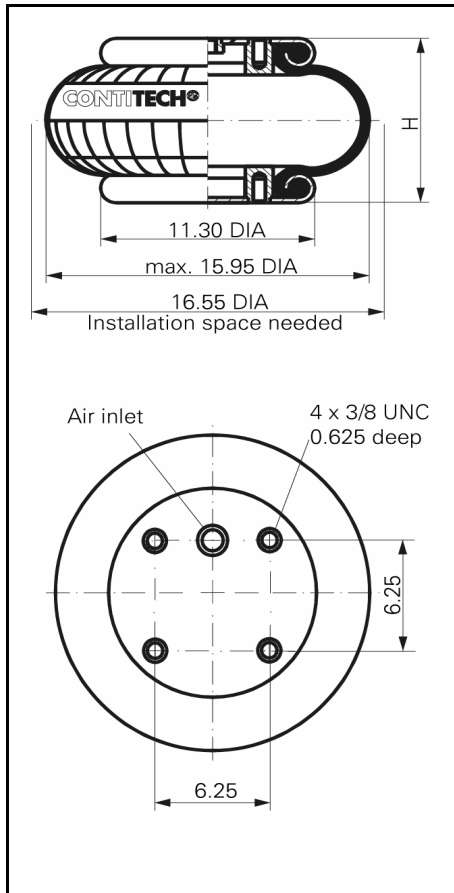
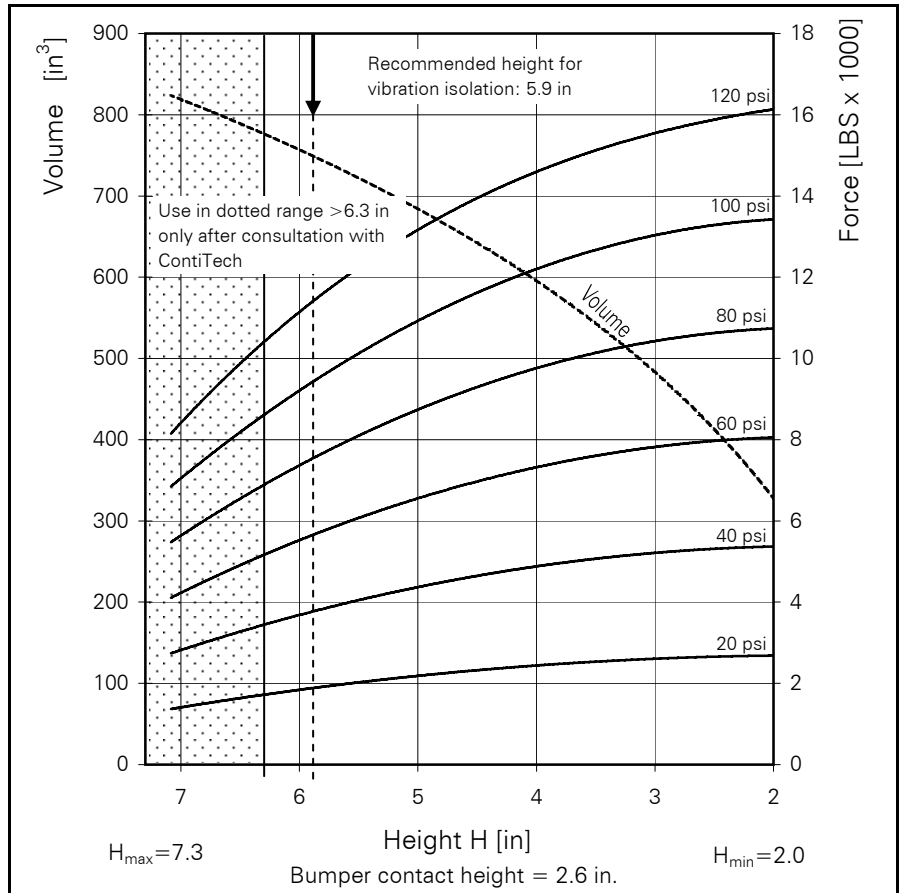


FS 530-14 CONTI® Single Convolution Air Spring



FS 530-14



Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	60510
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	13.5 lbs

Vibration isolation - dynamic characteristic values


Design height H: recommended 5.9 inch, minimum 4.3 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in³]
Force (Load) [lbs]	3920	5880	7840	9800	11760		750
Spring rate [lbs/in]	1916	2604	3364	4061	4677		
Natural frequency [Hz]	2.2	2.1	2.1	2.0	2.0		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in³]
Height H [in]	6	1920	3850	5770	7690	9620	758
	5	2240	4490	6730	8980	11220	674
	4	2470	4940	7410	9880	12350	586
	3	2610	5220	7830	10440	13050	483

 Service instructions
 3/8-16 UNC = 15-20 LBxFT
 3/4 NPT = 40-50 LBxFT