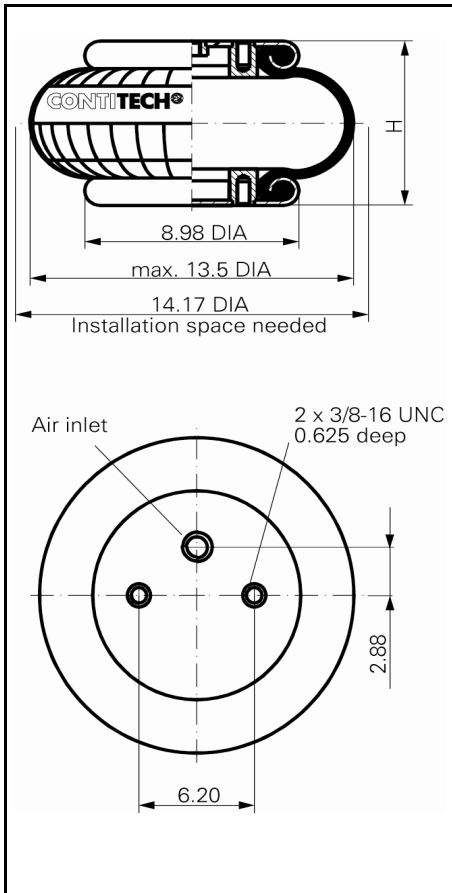
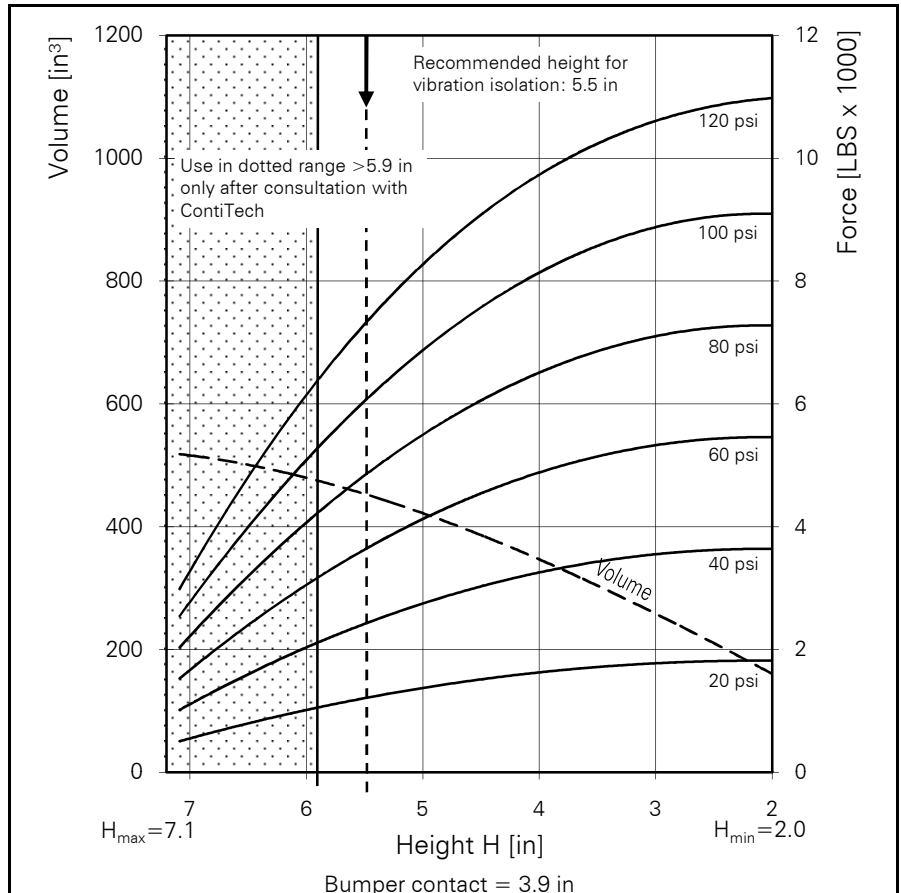


FS 330-14

CONTI® Single Convolution Air Spring



FS 330-14



Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	62054
With clamped plates 1/4 NPT air inlet	on request
With bumper, clamped plates 1/4 NPT air inlet	on request
With clamped plates 3/4 NPT air inlet	62387

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 67 lbs
Overall weight with clamped plates	9.5 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 5.5 inch, minimum 4.7 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in <sup>3</sup> ]
Force (Load) [lbs]	2420	3630	4850	6060	7270		454
Spring rate [lbs/in]	1370	1962	2579	3193	3765		
Natural frequency [Hz]	2.4	2.3	2.3	2.3	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]	5.5	1210	2420	3630	4850	6060	7270	454
	5.0	1370	2740	4100	5470	6840	8210	422
	4.5	1510	3020	4530	6040	7550	9060	385
	4.0	1630	3250	4880	6500	8130	9750	347
	3.5	1710	3410	5120	6830	8540	10240	304
	3.0	1770	3540	5300	7070	8840	10610	260
	2.5	1810	3610	5420	7230	9030	10840	209



Service instructions

3/8-16 UNC = 15-20 LBxFT

3/4 NPT = 40-50 LBxFT