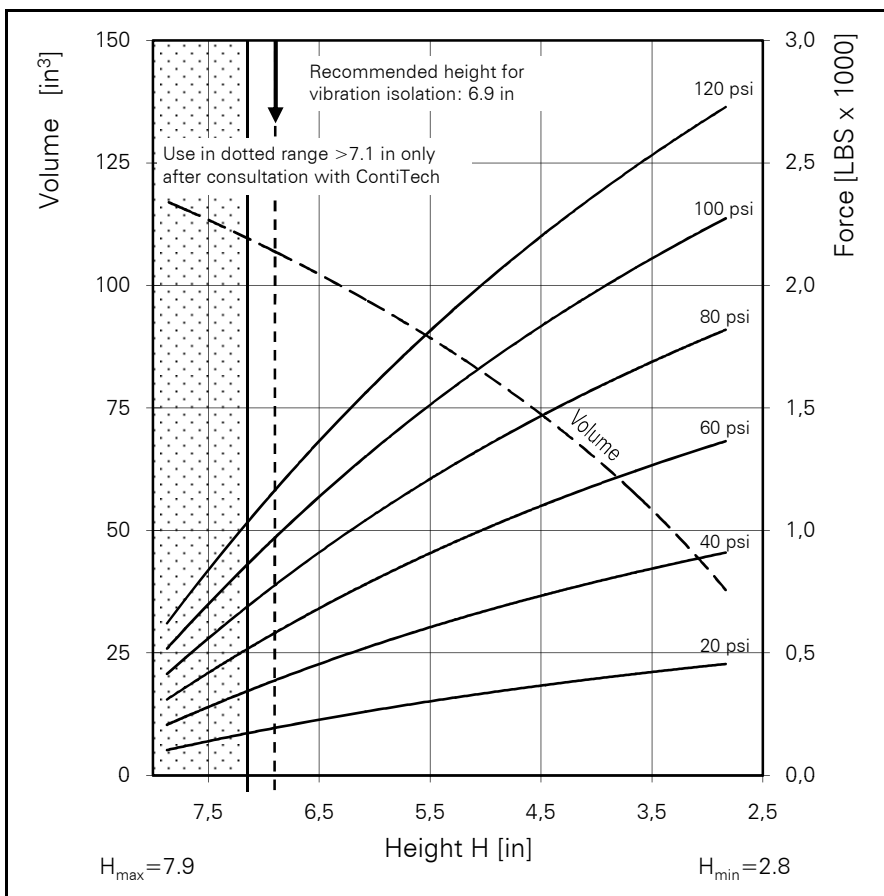
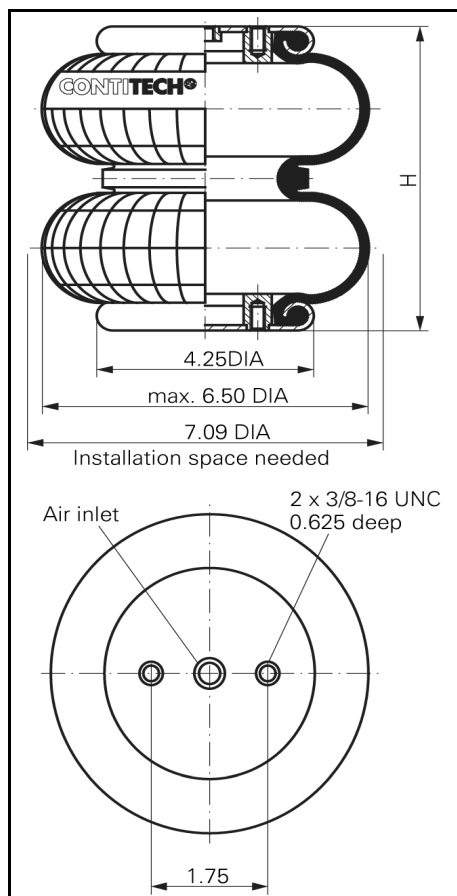


FD 70-13

CONTI® Double Convolution Air Spring



FD 70-13

Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	60513
With clamped plates 1/4 NPT air inlet	65532
With clamped plates 3/4 NPT air inlet	on request

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 45 lbs
Overall weight with clamped plates	3.3 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 6.9 inch, minimum 6.3 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in ³]
Force (Load) [lbs]	390	590	780	980	1170		107
Spring rate [lbs/in]	241	351	460	560	664		
Natural frequency [Hz]	2.6	2.6	2.5	2.5	2.5		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in ³]
Height H [in]	7	190	380	560	750	940	108
	6	270	530	800	1070	1330	93
	5	330	670	1000	1330	1660	84
	4	400	790	1190	1590	1980	68
	3	440	890	1330	1780	2220	40



Service instructions

3/8-16 UNC = 15-20 LBxFT

1/4 NPT = 12-15 LBxFT