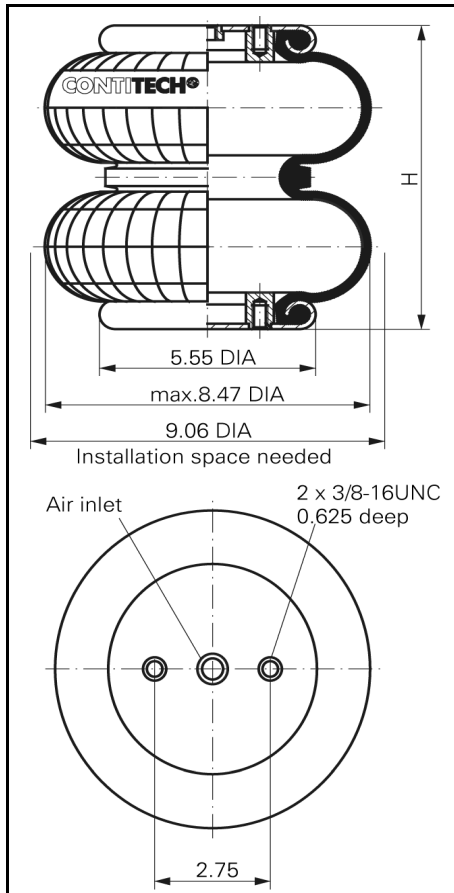
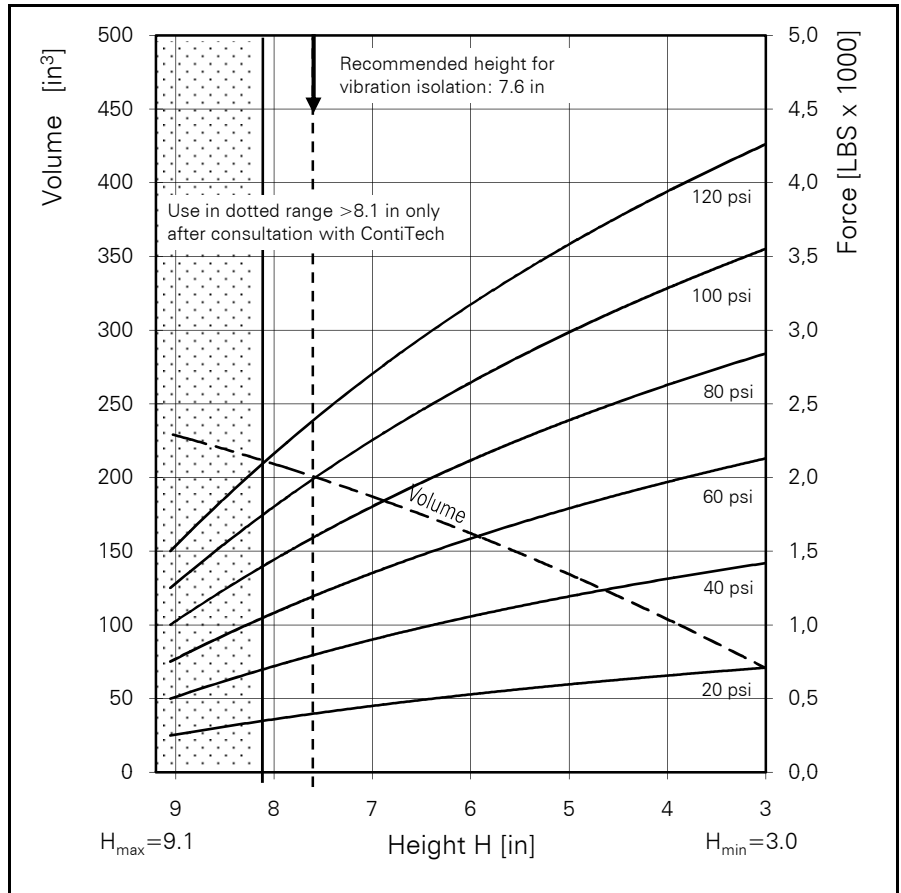


FD 120-17

CONTI® Double Convolution Air Spring



FD 120-17



Force-height diagram

Purchase order data

Type	Order No.
With clamped plates	on request
3/4 NPT air inlet	

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 45 lbs
Overall weight with clamped plates	5.1 lbs

Additional types on request

Vibration isolation - dynamic characteristic values

Design height H: recommended 7.6 inch, minimum 6.9 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in ³]
Force (Load) [lbs]	800	1200	1600	2000	2390		200
Spring rate [lbs/in]	315	490	668	855	1033		
Natural frequency [Hz]	2.1	2.0	2.0	2.0	2.0		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in ³]
Height H [in]	8	360	720	1090	1450	1810	209
	7	450	900	1350	1800	2250	186
	6	530	1050	1580	2110	2640	163
	5	600	1190	1790	2390	2980	136
	4	660	1320	1980	2640	3300	102
	3	710	1420	2120	2830	3540	71



Service instructions

3/8-16 UNC = 15-20 LBxFT

3/4 NPT = 40-50 LBxFT