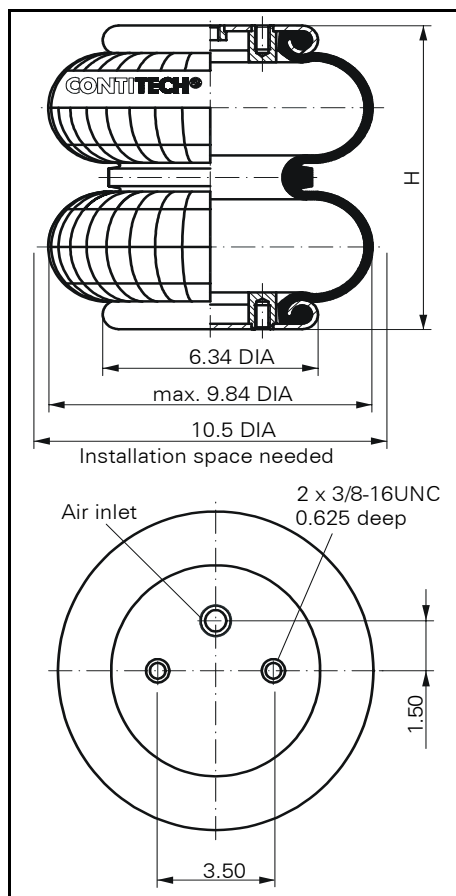
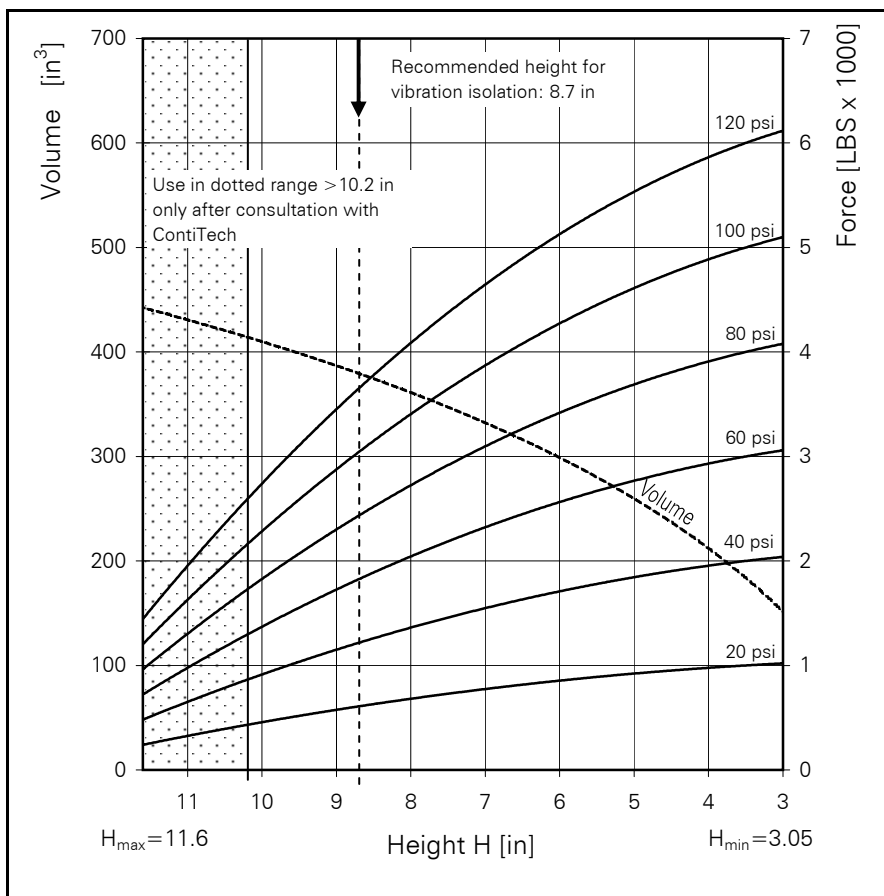


FD 200-22

CONTI® Double Convolution Air Spring



FD 200-22



Force-height diagram

Purchase order data

Type	Order No.
With clamped plates 3/4 NPT air inlet 1.5 inch excentrical	on request

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 45 lbs
Overall weight with clamped plates	7.2 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 8.7 inch, minimum 8.1 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in ³]
Force (Load) [lbs]	1270	1910	2550	3190	3820		365
Spring rate [lbs/in]	393,7	566,9	699,2	849,2	1022		
Natural frequency [Hz]	1.8	1.7	1.7	1.6	1.6		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in ³]
Height H [in]	10	490	990	1480	1970	2470	404
	8	700	1410	2110	2820	3520	344
	6	850	1710	2560	3410	4270	275
	4	980	1970	2950	3940	4920	195



Service instructions

3/8-16 UNC = 15-20 LBxFT

3/4 NPT = 40-50 LBxFT