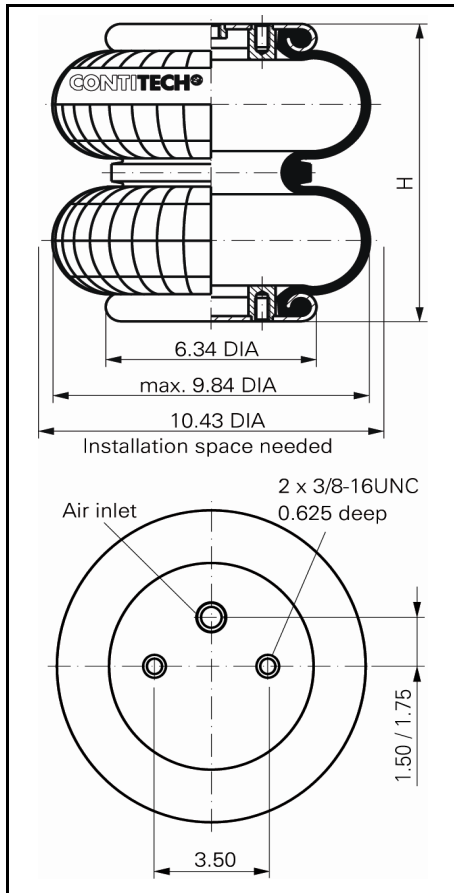
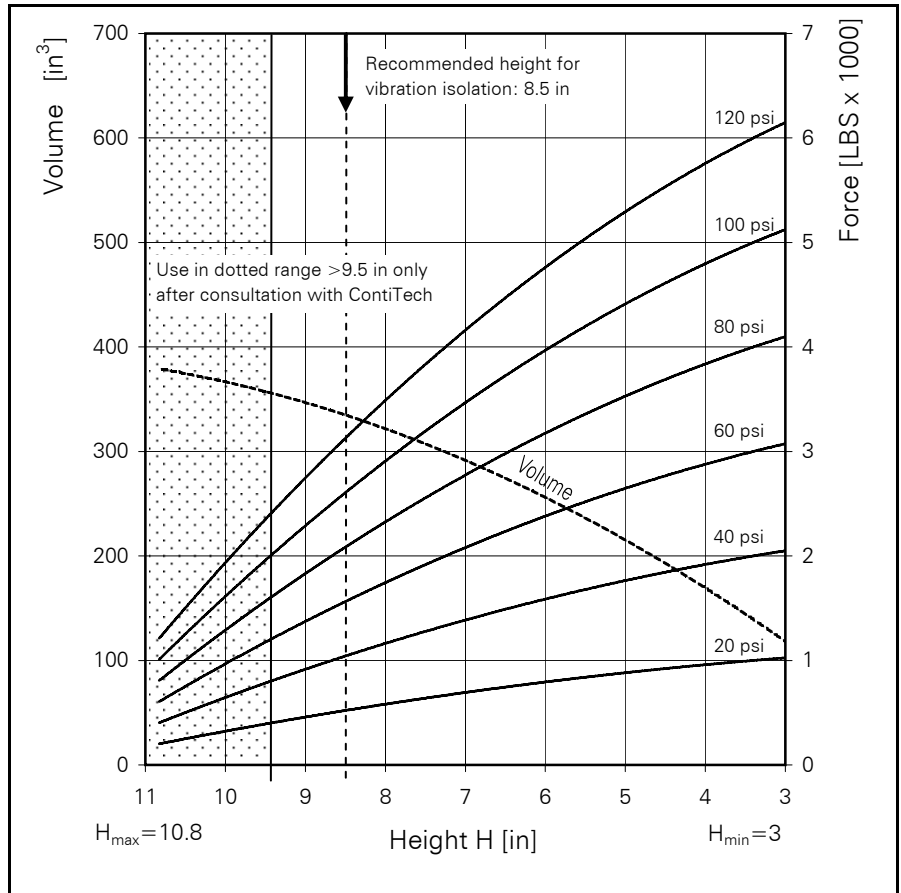


FD 200-19

CONTI® Double Convolution Air Spring



FD 200-19



Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	60508
With clamped plates 1/4 NPT air inlet 1.75 inch excentrical	63010
With clamped plates 3/4 NPT air inlet 1.5 inch excentrical	62867

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 45 lbs
Overall weight with clamped plates	7 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 8.5 inch, minimum 7.7 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in ³]
Force (Load) [lbs]	1040	1560	2080	2600	3120		333
Spring rate [lbs/in]	417	608	797	976	1163		
Natural frequency [Hz]	2.0	2.0	1.9	1.9	1.9		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in ³]
Height H [in]	9	450	910	1360	1820	2270	352
	8	580	1160	1740	2320	2900	325
	7	690	1380	2070	2770	3460	290
	6	790	1590	2380	3180	3970	256
	5	880	1760	2640	3530	4410	214
	4	960	1930	2890	3850	4820	168
	3	1020	2040	3060	4080	5100	119



Service instructions

3/8-16 UNC = 15-20 LBxFT

3/4 NPT = 40-50 LBxFT