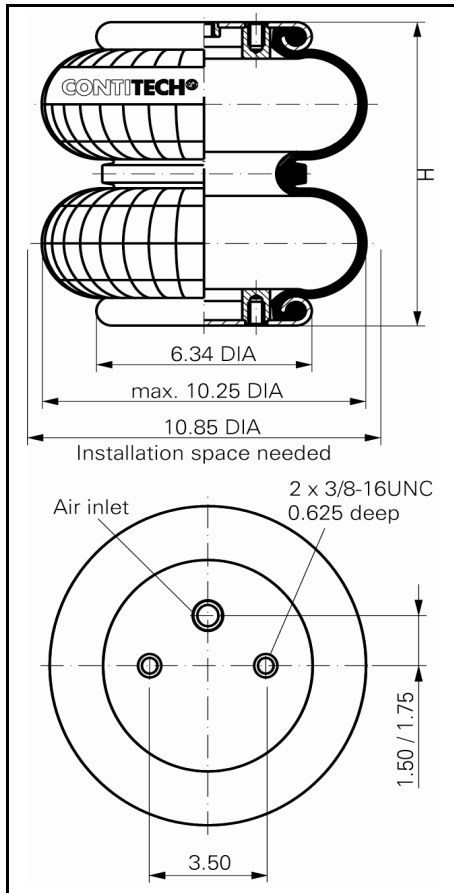
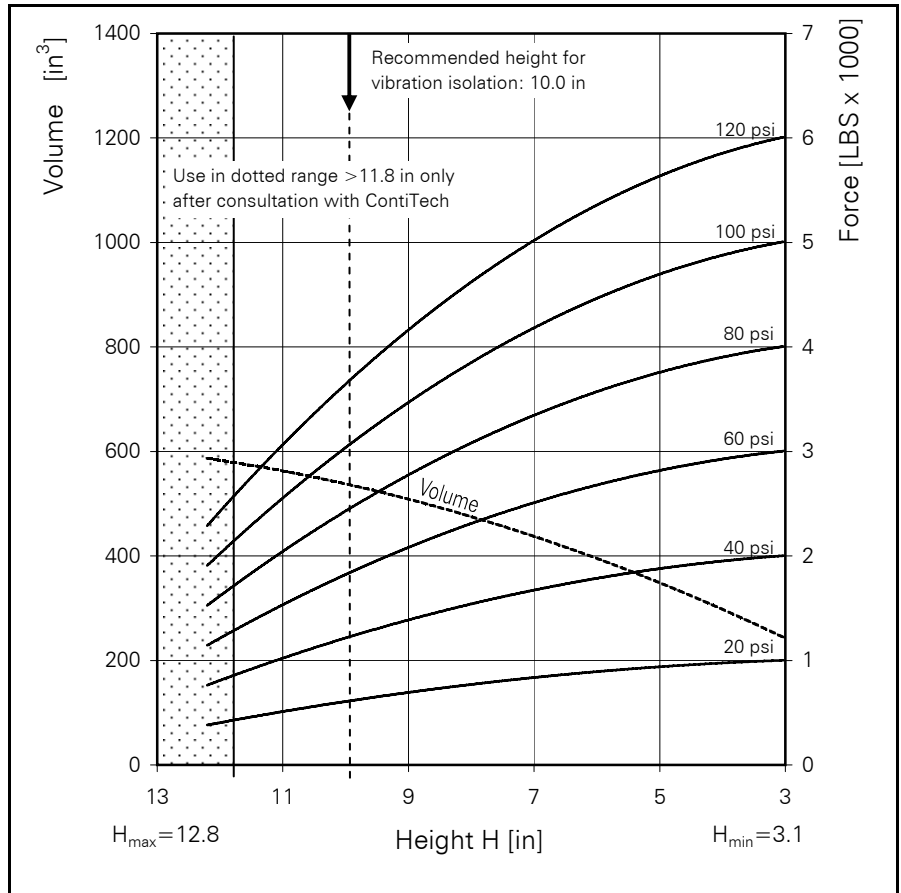


FD 200-25

CONTI® Double Convolution Air Spring



FD 200-25



Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	60515
With clamped plates 1/4 NPT air inlet 1.75 inch excentrical	on request
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	≤ 67 lbs
Overall weight with clamped plates	7.7 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 10.0 inch, minimum 9.06 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in³]
Force (Load) [lbs]	1220	1830	2440	3050	3660		538
Spring rate [lbs/in]	383	549	756	934	1087		
Natural frequency [Hz]	1.8	1.8	1.7	1.7	1.7		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in³]
Height H [in]	11	510	1020	1530	2030	2540	563
	10	610	1220	1830	2440	3050	538
	9	700	1400	2100	2800	3500	510
	8	770	1530	2300	3070	3830	474
	7	840	1670	2510	3340	4180	437
	6	890	1780	2670	3560	4440	396
	5	930	1870	2800	3740	4670	346



Service instructions

3/8-16UNC = 15-20 LBxFT

3/4 NPT = 40-50 LBxFT