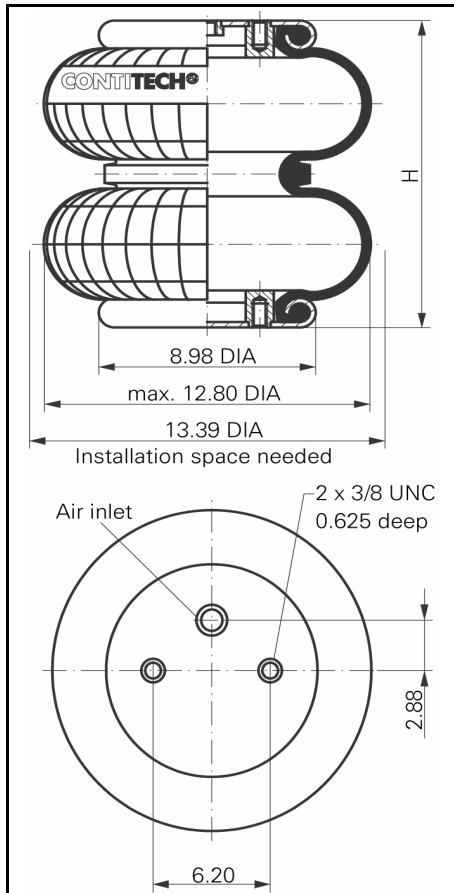
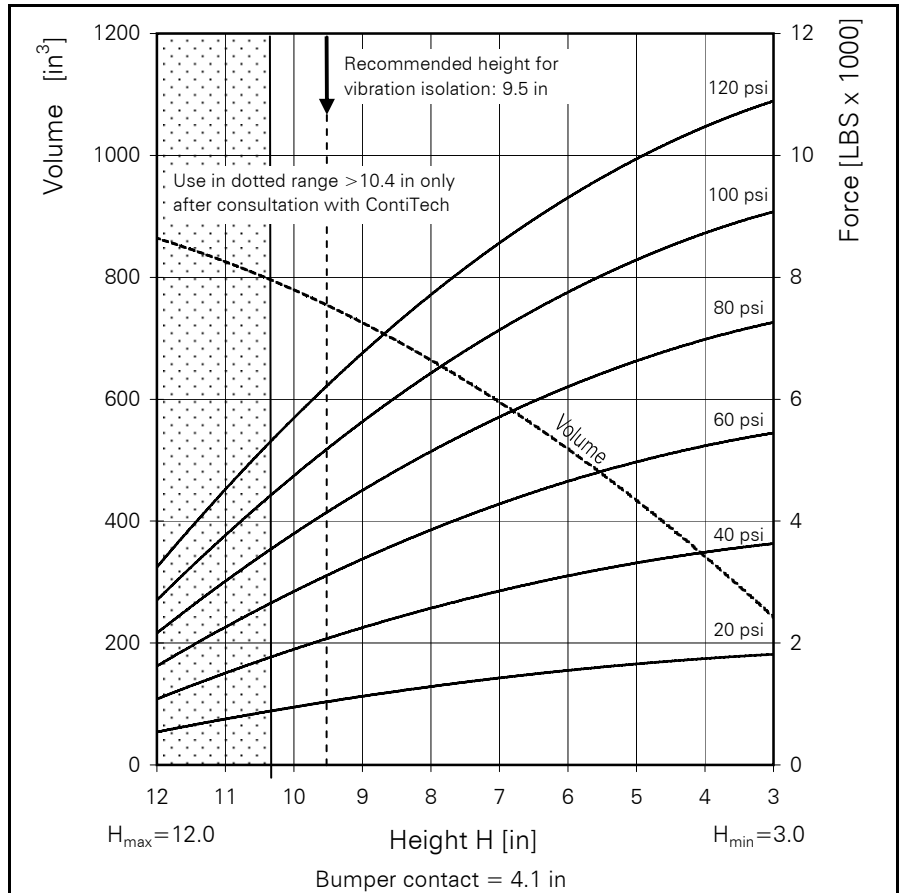


FD 330-22

CONTI® Double Convolution Air Spring



FD 330-22



Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	60334
With clamped plates 1/4 NPT air inlet	63011
With clamped plates 3/4 NPT air inlet	on request
With bumper, clamped plates 1/4 NPT air inlet	on request

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 67 lbs
Overall weight with clamped plates	10.6 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 9.5 inch, minimum 8.7 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in ³]
Force (Load) [lbs]	2100	3150	4200	5250	6300		766
Spring rate [lbs/in]	835	1122	1392	1592	1854		
Natural frequency [Hz]	2.0	1.9	1.8	1.7	1.7		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol. V [in ³]
Height H [in]	10	1010	2020	3030	4030	5040	793
	8	1280	2560	3840	5120	6400	669
	6	1550	3100	4650	6200	7750	518
	5	1650	3310	4960	6610	8270	433
	4	1750	3500	5250	6990	8740	340
	3	1820	3630	5450	7270	9080	247



Service instructions

3/8-16UNC = 15-20 LBxFT

3/4 NPT = 40-50 LBxFT