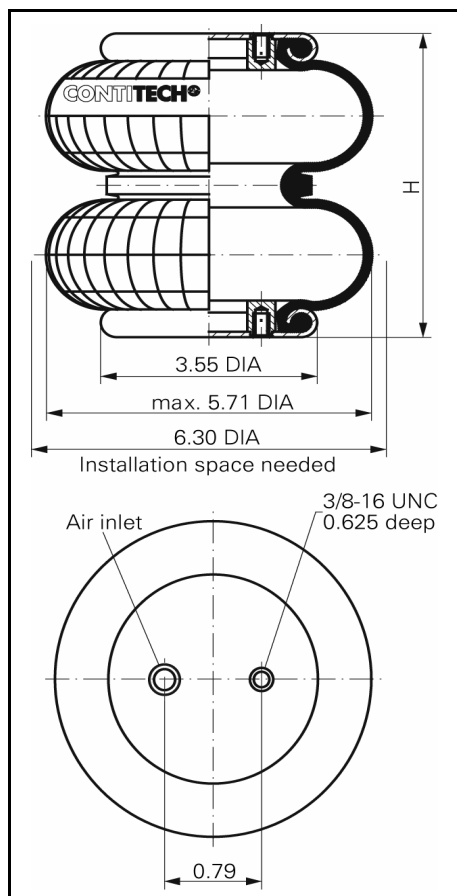
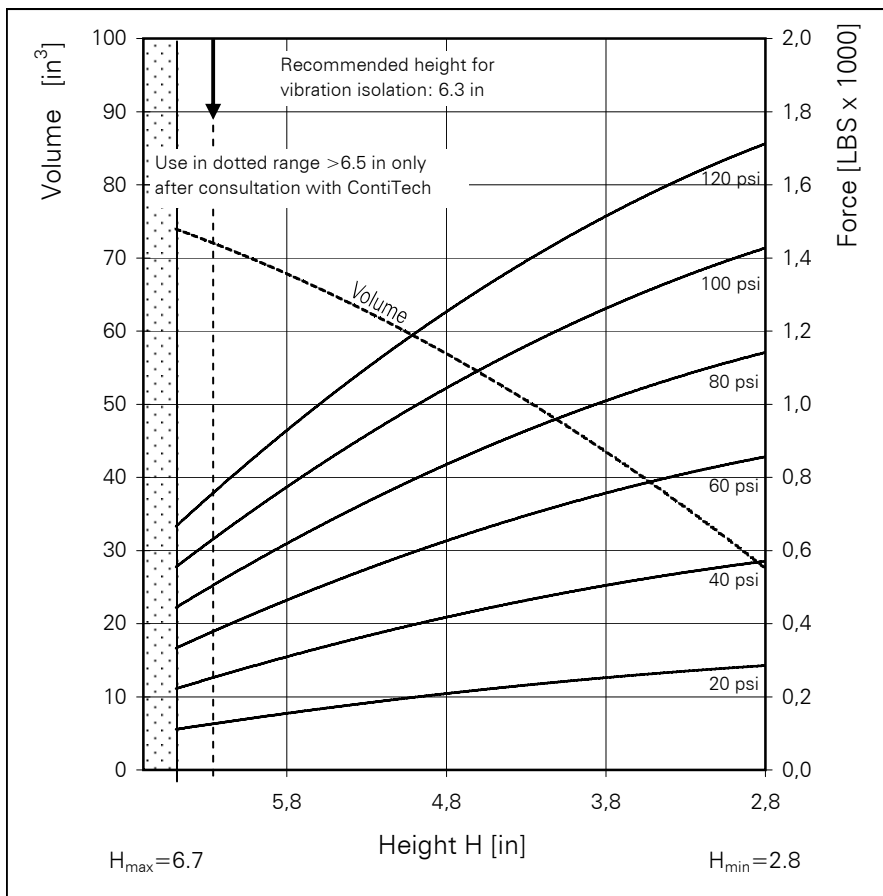


FD 40-10

CONTI® Double Convolution Air Spring



FD 40-10



Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	60457
With clamped plates 1/8 NPT air inlet	63030

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 45 lbs
Overall weight with clamped plates	2.5 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 6.3 inch, minimum 5.9 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in <sup>3</sup> ]
Force (Load) [lbs]	250	370	490	620	740		73
Spring rate [lbs/in]	178,5	265,7	365,3	464	561		
Natural frequency [Hz]	2.8	2.8	2.7	2.7	2.7		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in <sup>3</sup> ]	
Height H [in]	6	140	290	430	570	720	860	70
	5	200	400	600	800	1000	1200	59
	4	240	490	730	980	1220	1460	44
	3	280	560	840	1120	1400	1680	32



Service instructions

3/8-16 UNC = 15-20 LBxFT

1/8 NPT = 12-15 LBxFT