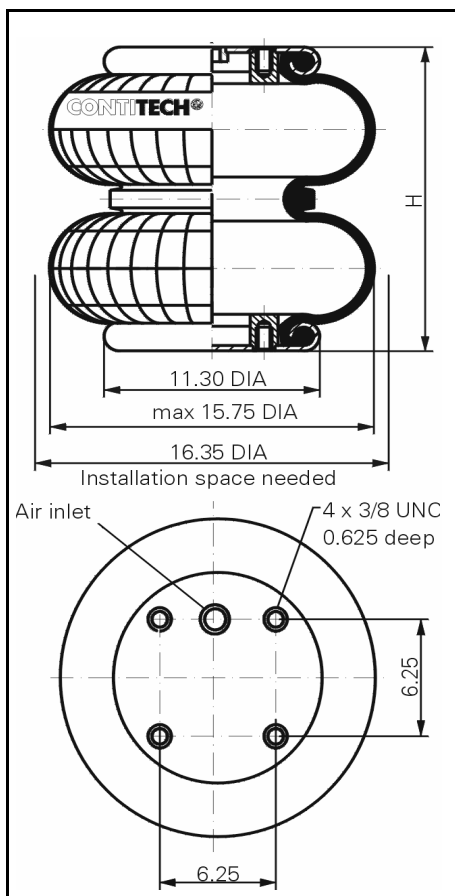
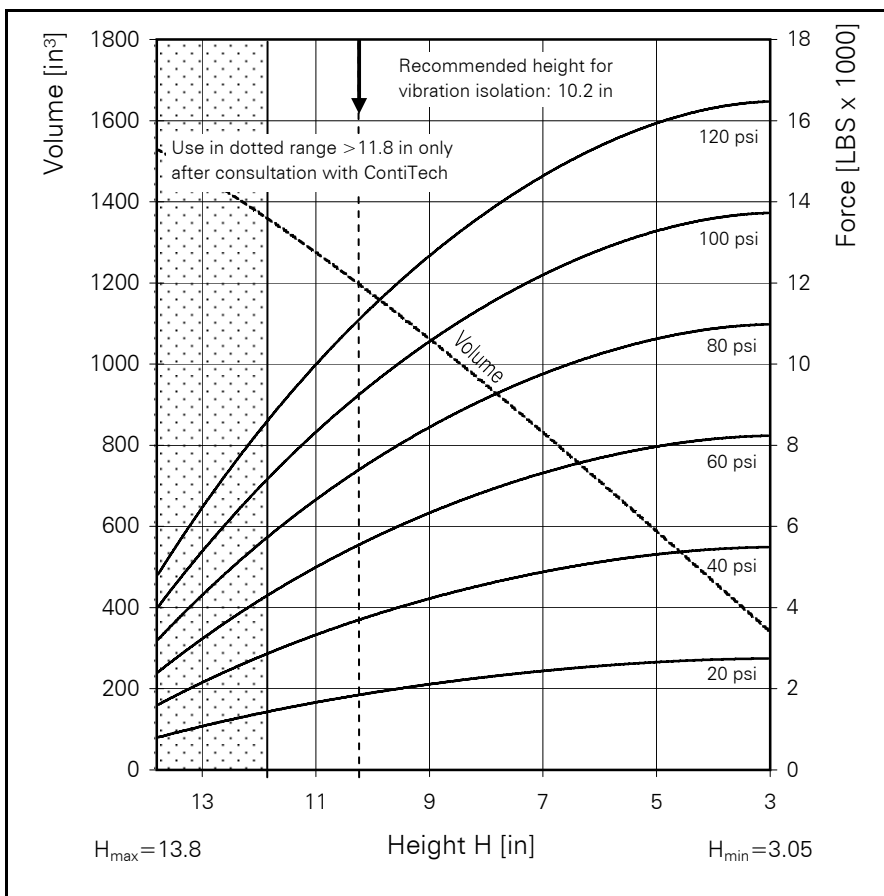


FD 530-30

CONTI® Double Convolution Air Spring



FD 530-30



Force-height diagram

Purchase order data

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

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 90 lbs
Overall weight with clamped plates	16.2 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 10.2 inch, minimum 9.6 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in ³]
Force (Load) [lbs]	3740	5610	7480	9350	11220		1192
Spring rate [lbs/in]	987	1388	1811	2165	2628		
Natural frequency [Hz]	1.6	1.6	1.6	1.5	1.5		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in ³]
Height H [in]	11	1660	3330	4990	6650	8320	1273
	9	2100	4210	6310	8410	10520	1069
	7	2440	4880	7320	9760	12200	842
	5	2650	5310	7960	10620	13270	579



Service instructions

3/8-16UNC = 15-20 LBxFT

3/4 NPT = 40-50 LBxFT