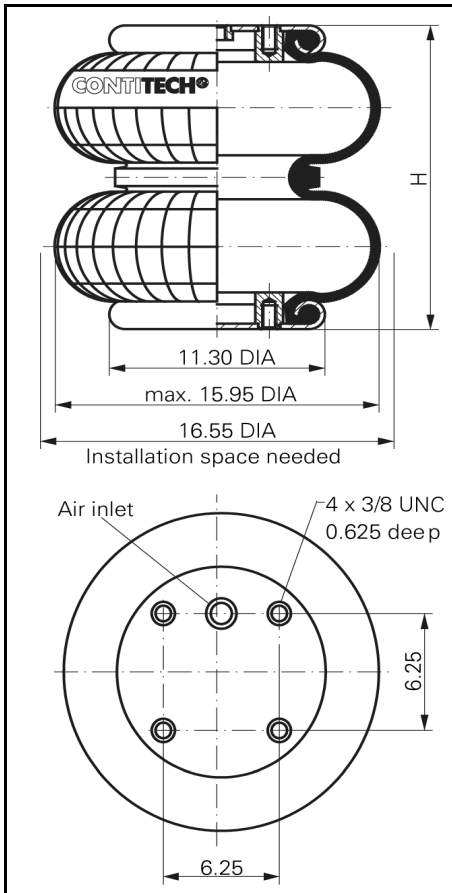
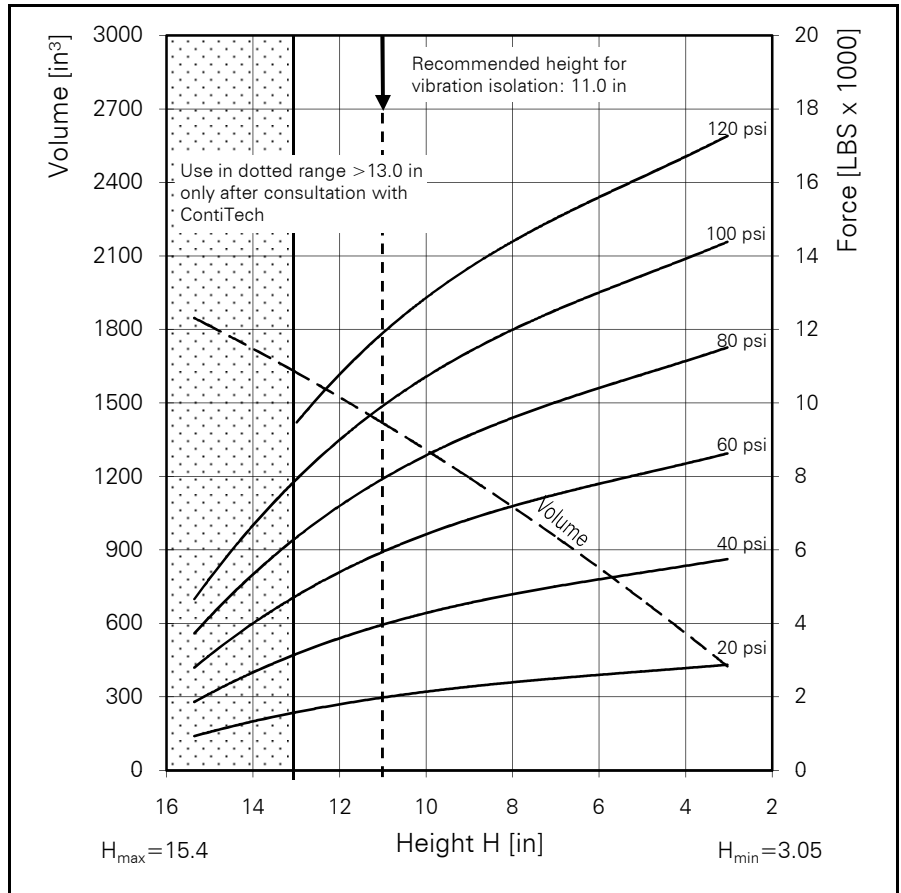


FD 530-35

CONTI® Double Convolution Air Spring



FD 530-35



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	62767

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 90 lbs
Overall weight with clamped plates	17.1 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 11.0 inch, minimum 10.2 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in ³]
Force (Load) [lbs]	3960	5950	7930	9910	11890		1410
Spring rate [lbs/in]	929	1329	1701	2047	2421		
Natural frequency [Hz]	1.5	1.5	1.5	1.4	1.4		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in ³]
Height H [in]	13	1580	3170	4750	6340	7920	1628
	11	1980	3960	5950	7930	9910	1411
	9	2270	4550	6820	9090	11370	1199
	7	2500	5010	7510	10020	12520	952
	5	2690	5370	8060	10750	13430	694



Service instructions

3/8-16 UNC = 15-20 LBxFT

3/4 NPT = 40-50 LBxFT