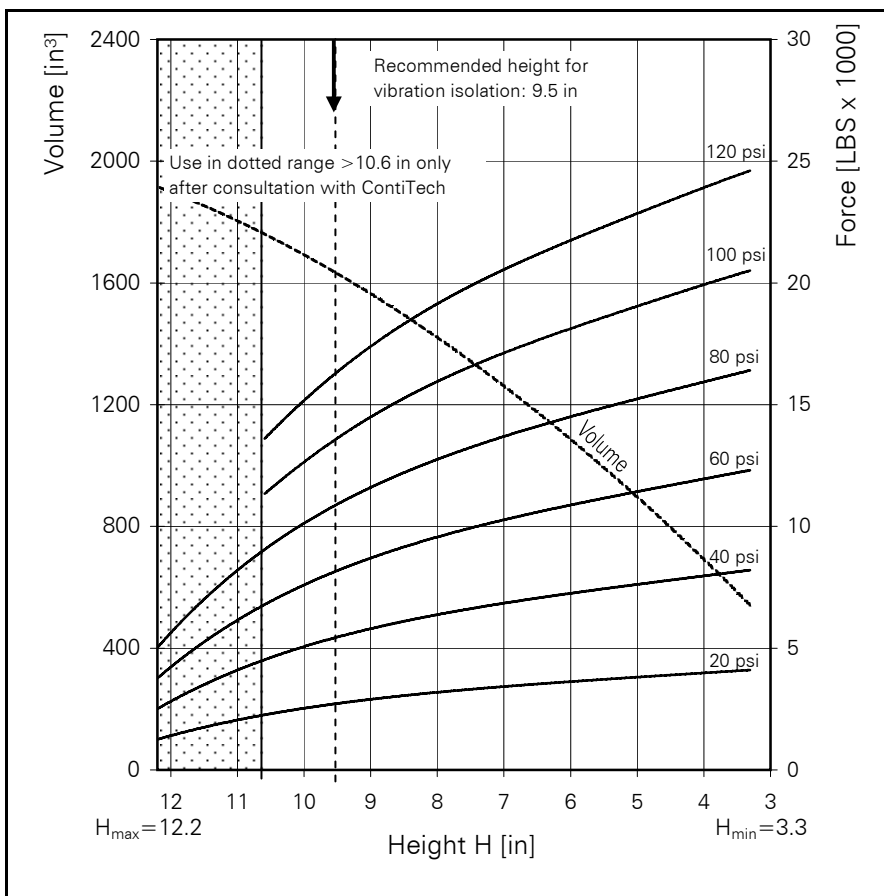
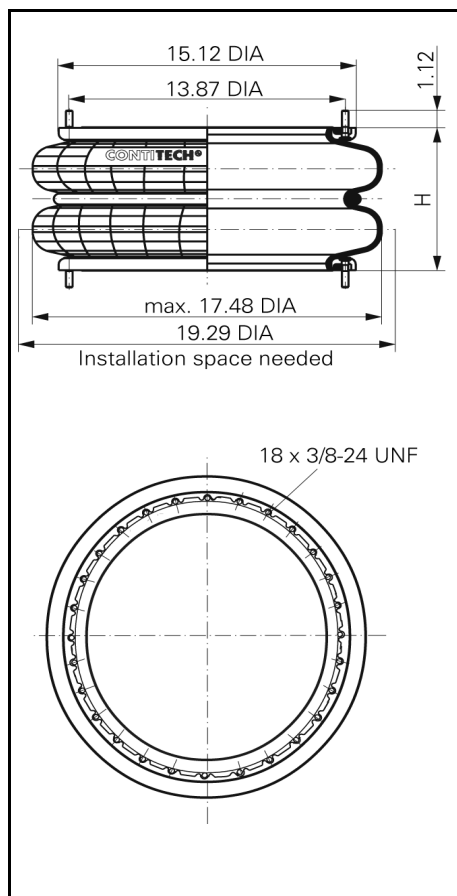


FD 960-22

CONTI® Double Convolution Air Spring



FD 960-22

Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	61776
Bellows with bead rings, 1 7/8 bolts, nuts and washers	on request

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 45 lbs
Overall weight with bead rings, bolts, nuts and washers	19 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]	5450	8180	10900	13630	16350		1655
Spring rate [lbs/in]	1638	2303	3005	3633	4317		
Natural frequency [Hz]	1.7	1.7	1.6	1.6	1.6		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in ³]
Height H [in]	10.0	2520	5040	7560	10080	12600	1687
	9.0	2890	5790	8680	11580	14470	1566
	8.0	3190	6380	9560	12750	15940	1423
	7.0	3420	6840	10260	13680	17100	1265
	6.0	3630	7260	10890	14510	18140	1081
	5.0	3800	7610	11410	15220	19020	896
	4.0	3990	7980	11970	15960	19950	688



Service instructions
3/8-24 UNF = 28-32 LBxFT