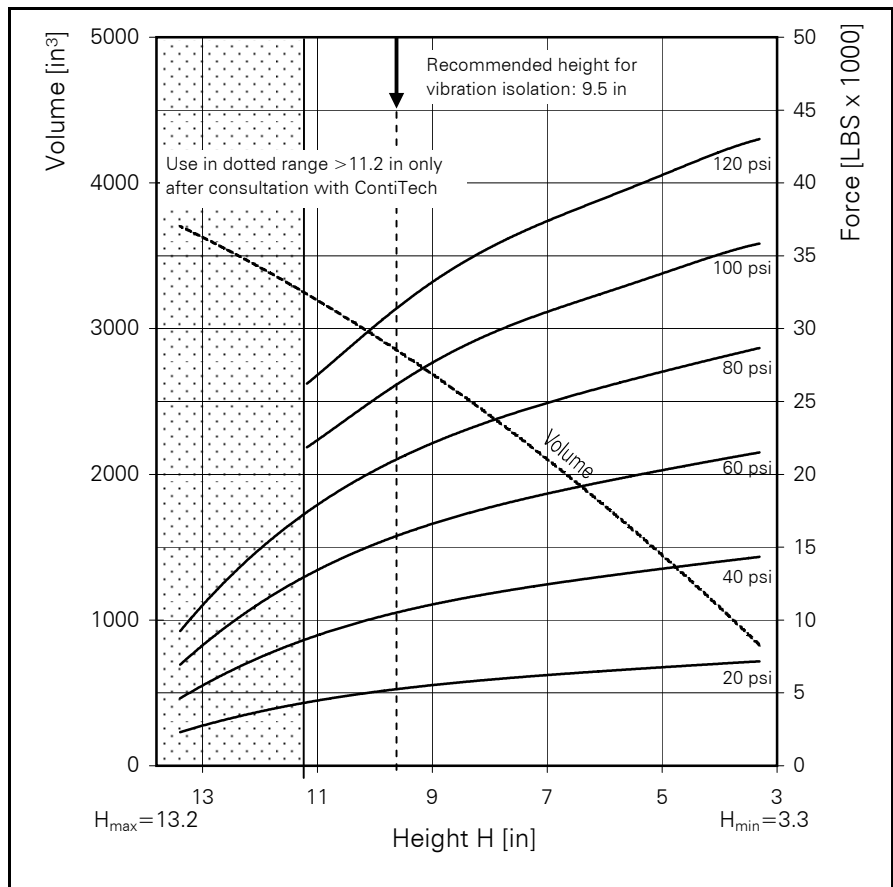
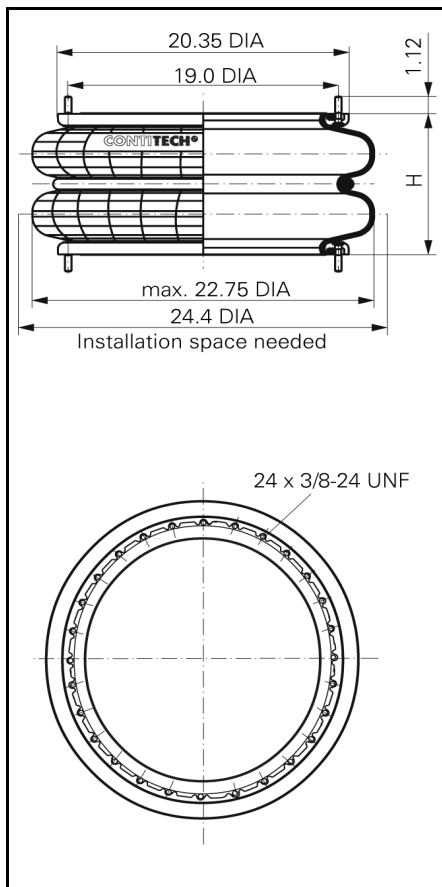


FD 1710-25

CONTI® Double Convolution Air Spring



FD 1710-25

Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	61783
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	≤ 70 [lbs]
Overall weight with bead rings, bolts, nuts and washers	26.5 [lbs]

Vibration isolation - dynamic characteristic values

Design height H: recommended 9.5 inch, minimum 8.65 inch

Pressure p [psi]	40	60	80	100	120		Vol V [l]
Force (Load) [lbs]	10580	15860	21150	26440	31730		2820
Spring rate [lbs/in]	2814	4027	5266	6299	7417		
Natural frequency [Hz]	1.6	1.6	1.6	1.5	1.5		

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol.[l]	
Height H [mm]	10.0	5020	10040	15050	20070	25090	30110	2943
	8.0	5920	11840	17760	23680	29600	35520	2407
	6.0	6490	12990	19480	25970	32460	38960	1781
	4.0	7000	14010	21010	28010	35020	42020	1084



Service instructions

3/8-24 UNF = 28-32 LBxFT