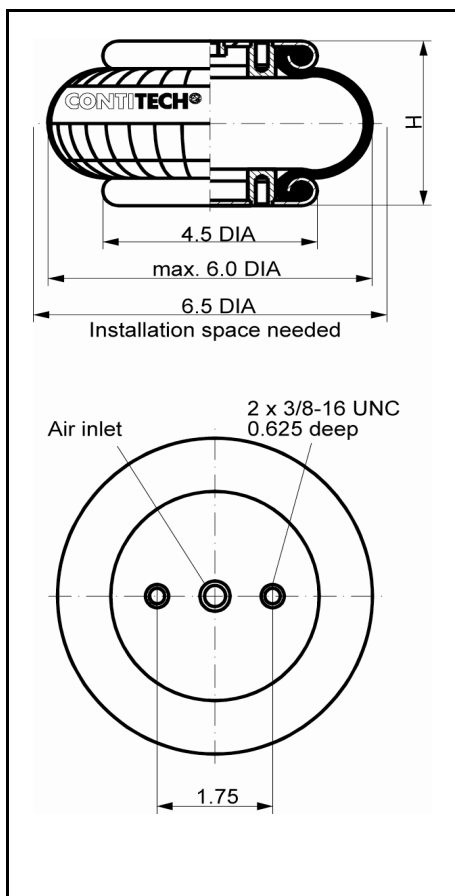
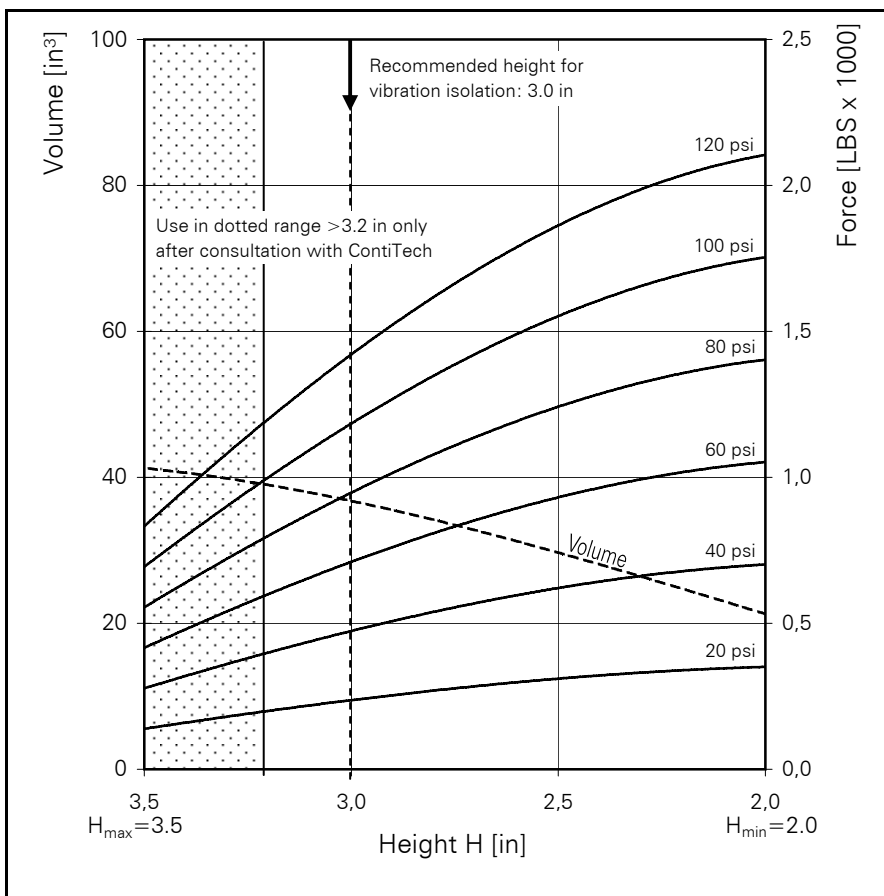


FS 48-4

CONTI® Single Convolution Air Spring



FS 48-4



Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	63460
With clamped plates 1/4 NPT air inlet	63824

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min. height	≤ 31 lbs
Overall weight with clamped plates	2.7 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 3.0 inch, minimum 2.6 inch

Pressure p [psi]	40	60	80	100	120		Vol. V [in ³]
Force (Load) [lbs]	490	740	990	1240	1480		37
Spring rate [lbs/in]	648	942	1229	1495	1769		
Natural frequency [Hz]	3.6	3.5	3.5	3.4	3.4		

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p [psi]	20	40	60	80	100	120	Vol [in ³]
Height H [in]	3.5	140	270	410	550	680	41
	3.0	240	480	710	950	1190	37
	2.5	300	610	910	1220	1520	30



Service instructions

3/8-16 UNC = 15-20 LBxFT

1/4 NPT = 12-15 LBxFT