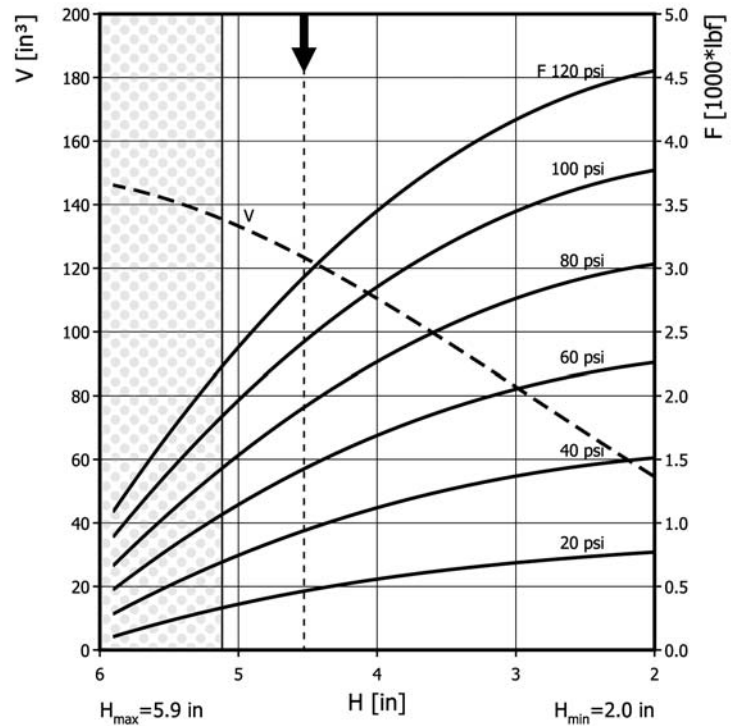
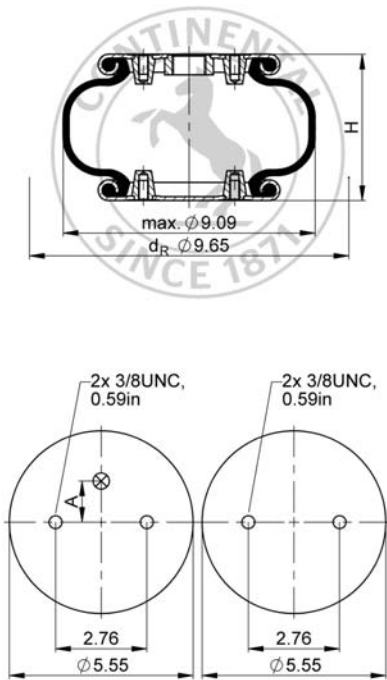


FS 120-10 CI

Single Convolution Air Actuator



Use in dotted range >5.12 in. only after consultation with ContiTech



Recommended height for vibration isolation: 4.53 in.

Purchase order data

Type	Order No.
Rubber bellows only	62828
with crimped plates, 1/4 NPT air inlet A = 0 in. excentrical	75229
with crimped plates A = 0 in. excentrical	75248

Additional types on request

Technical data

Min. pressure	0 psi
Return force to min height	≤ 45 lbf
Overall weight	4.4 lb

Vibration isolation - dynamic characteristic values

Design height H: recommended 4.53 inch, minimum 3.94 inch

Pressure p [psi]	40	60	80	100	120	Vol. V [in ³]
Force (Load) [lbf]	981	1530	2040	2570	3090	124
Spring rate [lbf/in.]	701	1000	1290	1560	1870	
Natural frequency [Hz]	2.7	2.7	2.6	2.5	2.5	

Pneumatic application - static characteristic values

Force F [lbf]

Pressure p [psi]	40	60	80	100	120	Vol. V [in ³]	
Height H [in.]	4.5	939	1440	1920	2430	2950	120
	4.0	1120	1690	2260	2850	3430	110
	3.5	1250	1880	2530	3170	3850	96
	3.0	1370	2050	2760	3460	4170	83
	2.5	1450	2170	2930	3640	4410	68



Service instructions

3/8-16 UNC: max. 20 lbf ft

1/4 NPT: max. 20 lbf ft