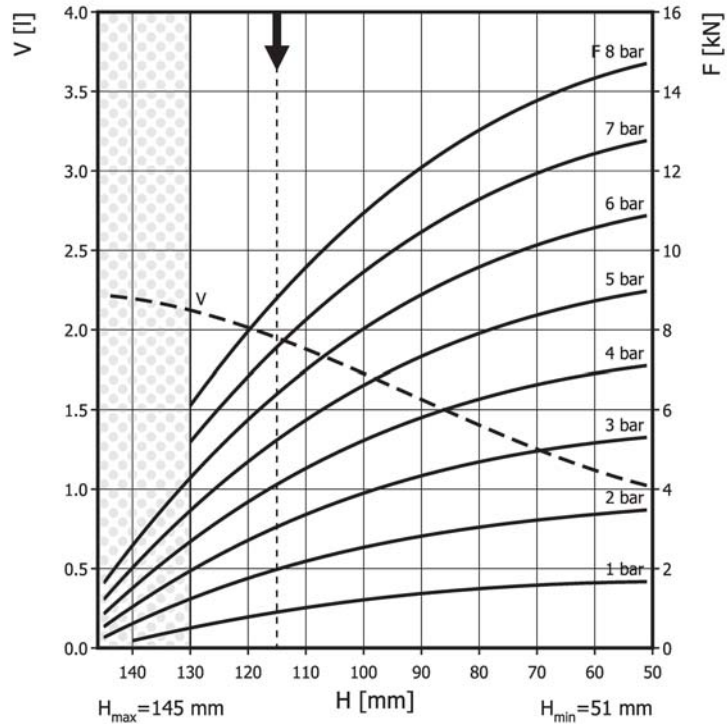
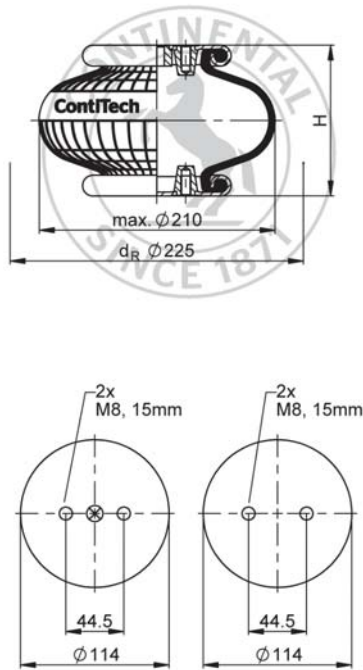


FS 100-10 CI

Single Convolution Air Actuator



Use in dotted range >130 mm only after consultation with ContiTech

Recommended height for vibration isolation: 115 mm

Purchase order data

Type	Order No.
Rubber bellows only	63457
with crimped plates, G1/4 air inlet 0 mm excentric	65745

Additional types on request



Service instructions
M8: max. 25 Nm
G1/4: max. 25 Nm

Technical data

Min. pressure	0 bar
Return force to min height	≤ 40 N
Overall weight	1.4 kg

Vibration isolation - dynamic characteristic values

Design height H: recommended 115mm, minimum 100mm

Pressure p [bar]	3	4	5	6	7	8	Vol. V [l]
Force (Load) [kN]	3.1	4.3	5.4	6.5	7.6	8.8	
Spring rate [N/mm]	98.7	126.8	155.9	185.1	213.6	241.8	
Natural frequency [Hz]	2.8	2.7	2.7	2.7	2.6	2.6	

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol. V [l]	
Height H [mm]	130	1.96	2.69	3.48	4.3	5.18		6.09
	110	3.35	4.51	5.73	6.98	8.25	9.58	1.9
	90	4.31	5.77	7.29	8.85	10.4	12	1.6
	70	4.97	6.64	8.38	10.2	11.9	13.8	1.3