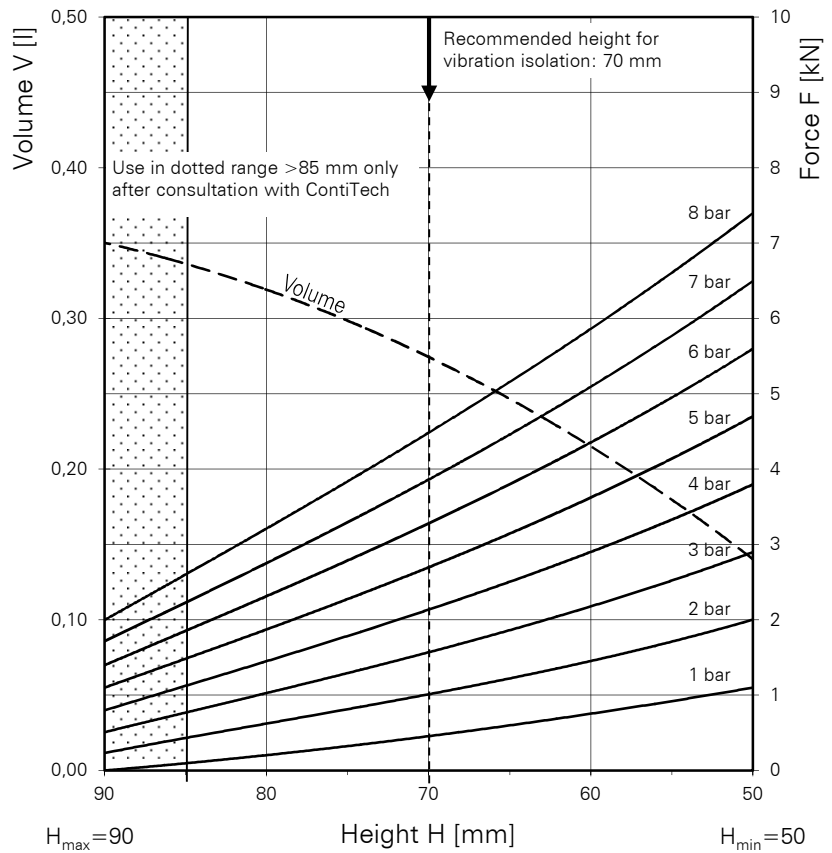
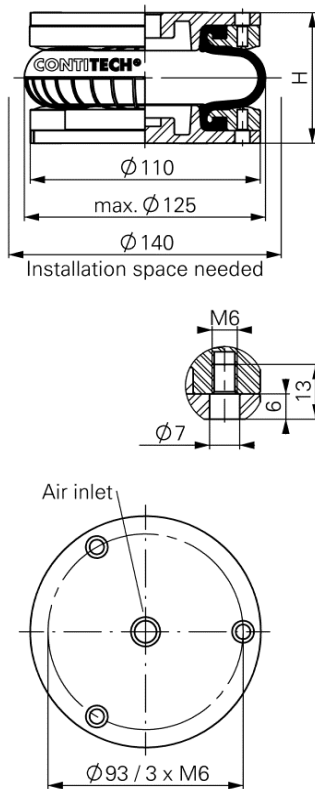


FS 44-5 DI CR

Single Convolution Air Spring



Purchase order data

Type	Order No.
CR-Rubber bellows only	70200
CR-Rubber bellows, with aluminium plates and G 3/8 air inlet	70205

Additional types on request

Technical data

Min. pressure	0 bar
Return force to min. height	≤ 150 N
Overall weight with aluminium plates	0.7 kg

Vibration isolation - dynamic characteristic values

Design height H: recommended 70mm, minimum 65mm

Pressure p [bar]	3	4	5	6	7	8	Vol V[l]
Force (Load) [kN]	1.5	2.1	2.7	3.2	3.8	4.4	
Spring rate [N/cm]	1120	1410	1690	1980	2260	2530	
Natural frequency [Hz]	4.2	4.1	4.0	3.9	3.8	3.8	

Pneumatic application - static characteristic values

Pressure p [bar]	3	4	5	6	7	8	Vol.[l]	
Force F [kN]								
Height H [mm]	80	1.0	1.4	1.9	2.3	2.7		3.2
	70	1.6	2.2	2.7	3.3	3.9		4.5
	60	2.2	2.9	3.6	4.3	5.1	5.9	



Service instructions
M6 = 5 Nm
G 3/8 = 15 Nm

Measuring procedure: Room temperature / Force- height- data quasistatic / Dynamic data at 1 Hz