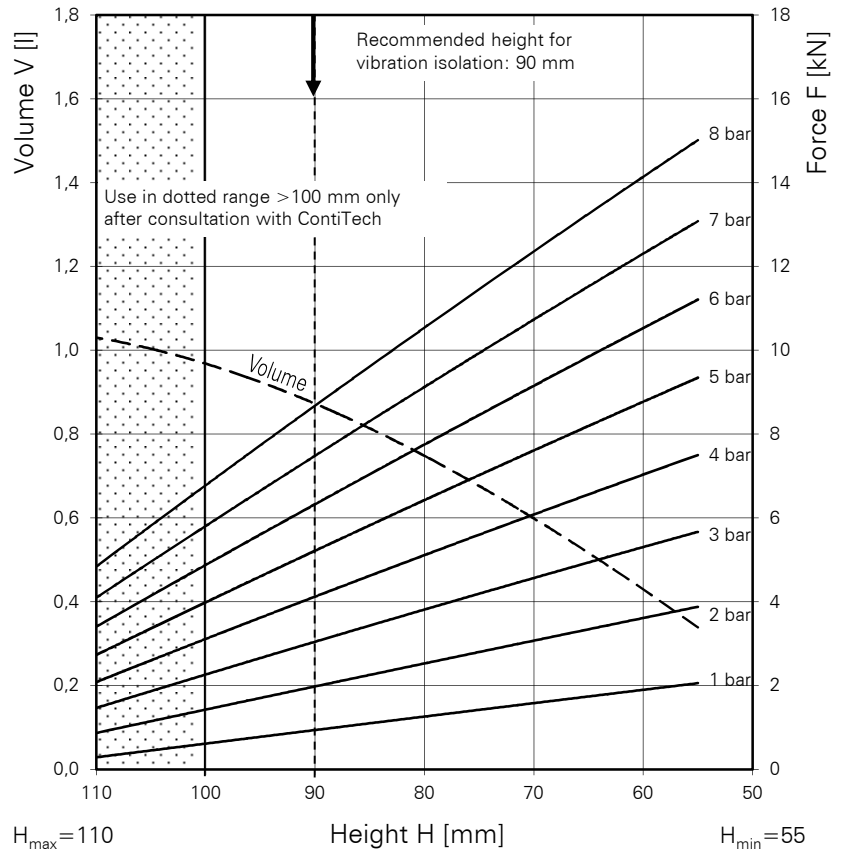
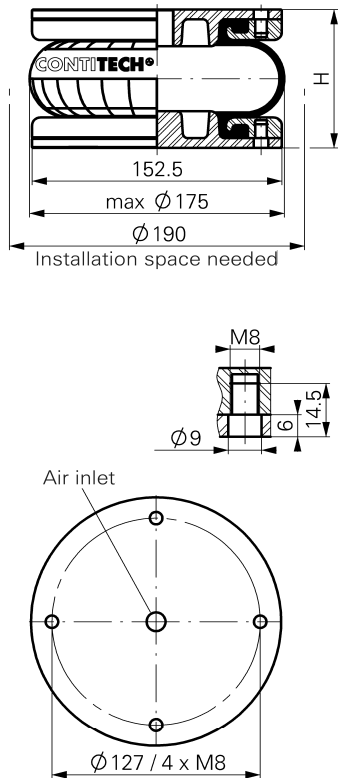


FS 76-7 DI CR

Single Convolution Air Spring



Purchase order data

Type	Order No.
CR-Rubber bellows only	70203
CR-Rubber bellows, with aluminium plates and G 1/2 air inlet	70208

Additional types on request

Technical data

Min. pressure	0 bar
Return force to min. height	≤ 320 N
Overall weight plates	1.6 kg

Vibration isolation - dynamic characteristic values

Design height H: recommended 90mm, minimum 75mm

Pressure p [bar]	3	4	5	6	7	8	Vol V [l]
Force (Load) [kN]	3.1	4.2	5.3	6.4	7.5	8.7	
Spring rate [N/cm]	1585	2005	2455	2860	3315	3745	
Natural frequency [Hz]	3.5	3.4	3.4	3.3	3.3	3.3	

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol. [l]	
Height H [mm]	100	2.3	3.1	4.0	4.9	5.8		6.8
	90	3.1	4.2	5.3	6.4	7.5		8.7
	80	3.8	5.1	6.4	7.8	9.1		10.5
	70	4.5	6.0	7.6	9.1	10.7		12.3
	60	5.3	7.1	8.8	10.6	12.4		14.2



Service instructions
M8 = 12 Nm
G 1/2 = 25 Nm

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