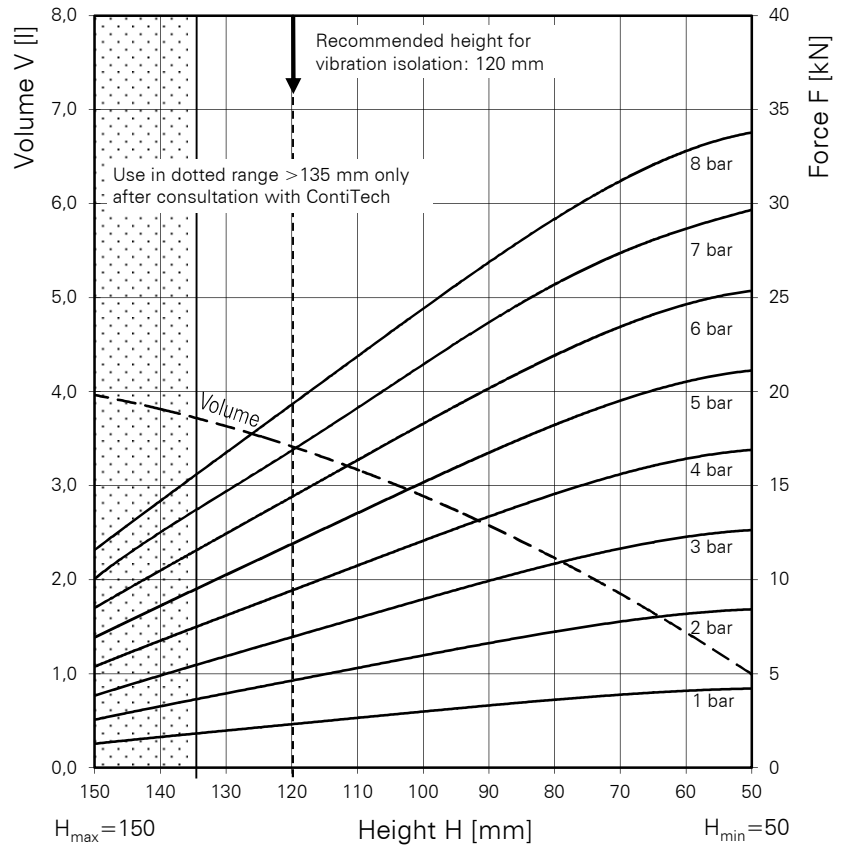
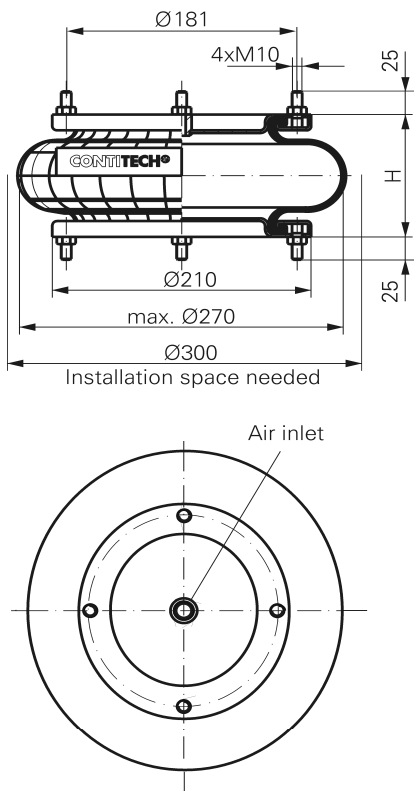


FS 210-10 DS

Single Convolution Air Spring



Purchase order data

Type	Order No.
Rubber bellows only	66992
With removable plates and G 1/2 air inlet	67404

Additional types on request

Technical data

Min. pressure	0 bar
Return force to min. height	≤ 150 N
Overall weight with metal plates	4.1 kg

Vibration isolation - dynamic characteristic values

Design height H: recommended 120mm, minimum 100mm

Pressure p [bar]	3	4	5	6	7	8	Vol. V [l]	
Force (Load) [kN]	6.9	9.4	11.9	14.4	16.9	19.3		3.4
Spring rate [N/cm]	2030	2570	3130	3690	4280	4810		
Natural frequency [Hz]	2.7	2.6	2.6	2.5	2.5	2.5		

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol.[l]		
Height H [mm]	120	6.9	9.4	11.9	14.4	16.9		19.3	3.4
	100	8.9	12.1	15.2	18.3	21.4		24.4	2.9
	80	10.9	14.6	18.3	22.0	25.7		29.3	2.2
	60	12.2	16.4	20.4	24.6	28.7	32.7	1.4	



Service instructions
M10 = 25 Nm
G 1/2 = 25 Nm

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