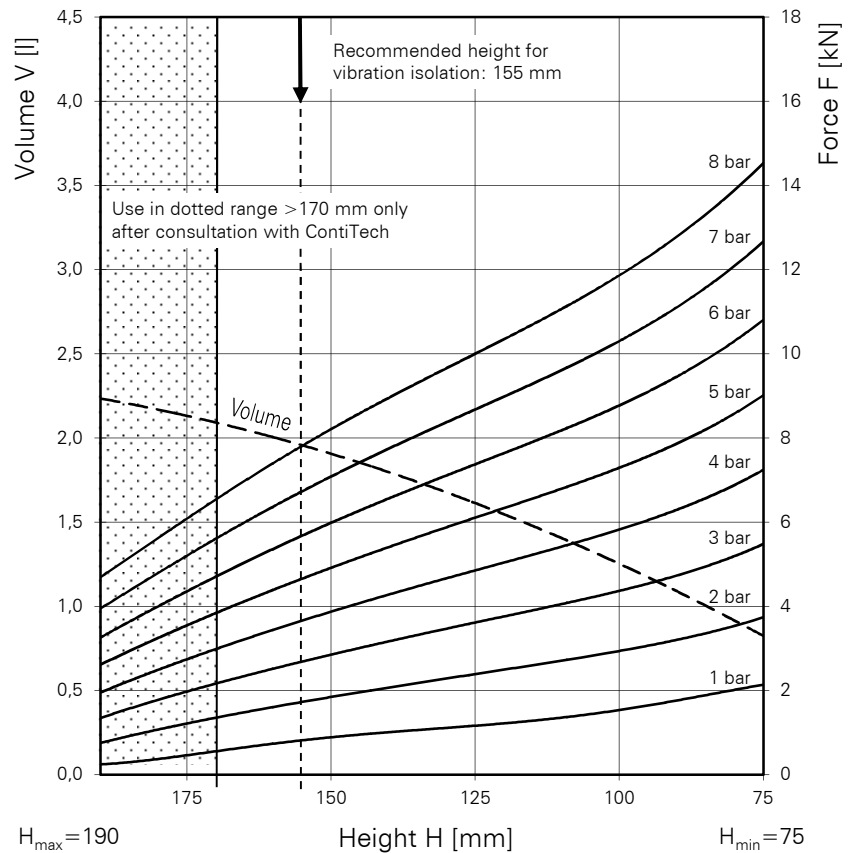
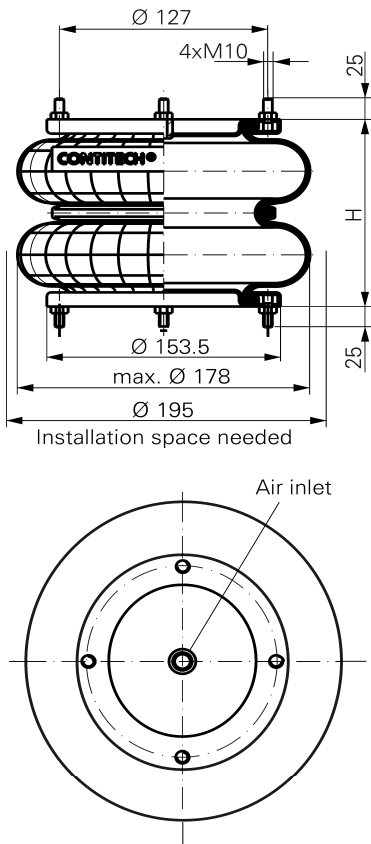


FD 76-14 DS CR

Double Convolution Air Spring



Purchase order data

Type	Order No.
CR-Rubber bellows only	69837
CR-Rubber bellows, with removeable plates and G 1/2 air inlet	70215

Additional types on request

Technical data

Min. pressure	0 bar
Return force to min. height	≤ 180 N
Overall weight with removeable plates	2.6 kg

Vibration isolation - dynamic characteristic values

Design height H : recommended 155mm, minimum 145mm

Pressure p [bar]	3	4	5	6	7	8	Vol V [l]
Force (Load) [kN]	2.7	3.7	4.7	5.7	6.7	7.8	
Spring rate [N/cm]	650	830	1015	1185	1360	1530	
Natural frequency [Hz]	2.5	2.4	2.3	2.3	2.3	2.2	

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol. [l]	
Height H [mm]	170	2.2	3.0	3.8	4.7	5.6		2.1
	150	2.8	3.9	4.9	6.0	7.1		1.9
	130	3.5	4.7	5.9	7.1	8.4		1.7
	110	4.1	5.4	6.8	8.2	9.6		1.4
	90	4.7	6.3	7.9	9.5	11.1	1.1	



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

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