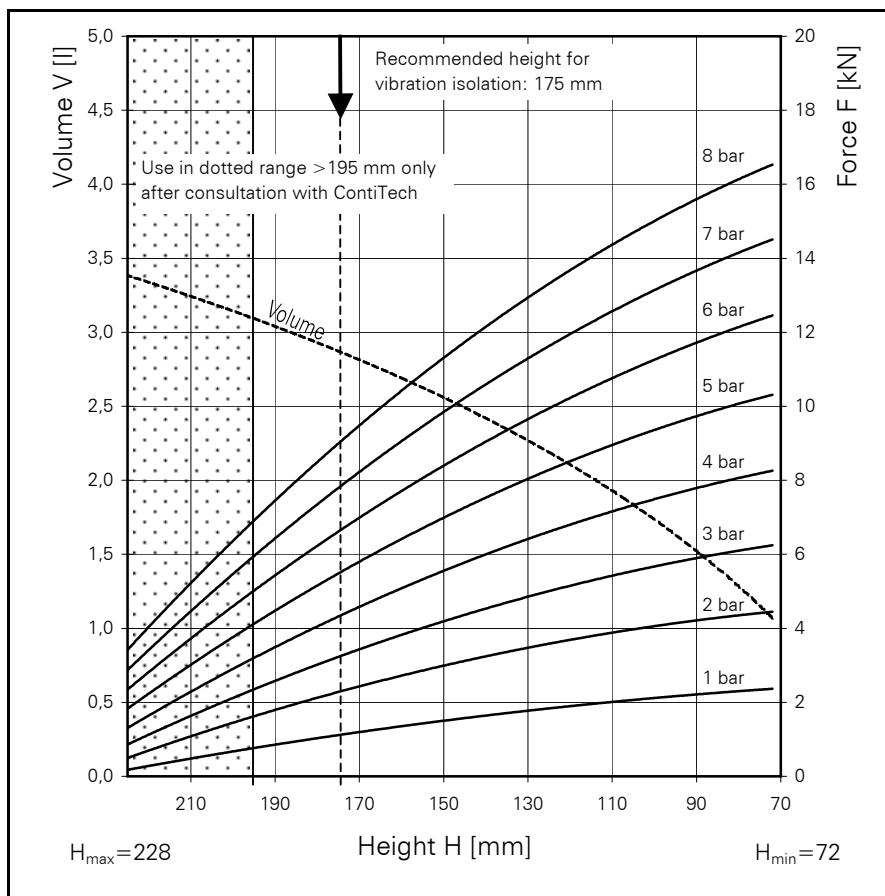
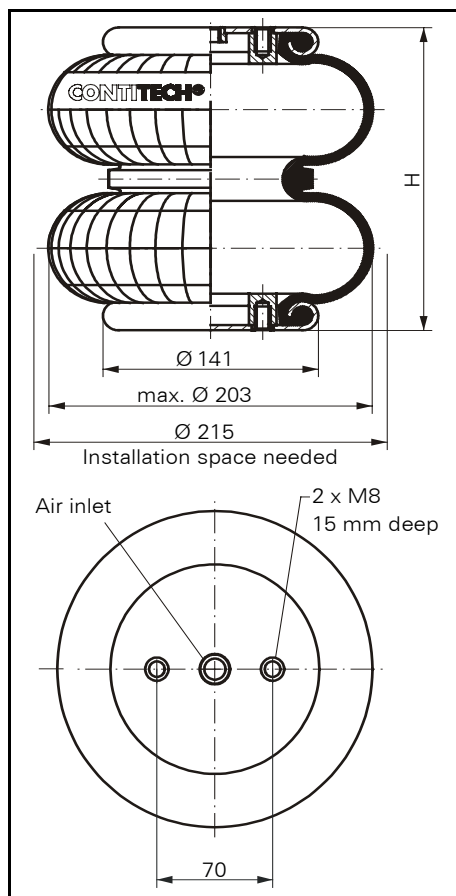


FD 110-15

CONTI® Double Convolution Air Spring



FD 110-15

Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	on request
With clamped plates G 3/4 air inlet	61382
With clamped plates G 1/4 air inlet	61381

Additional types on request

Technical data

Min. pressure	0 bar
Return force to min. height	≤ 200 N
Overall weight with clamped plates	2.1 kg

Vibration isolation - dynamic characteristic values

Design height H: recommended 175mm, minimum 155mm

Pressure p [bar]	3	4	5	6	7	8	Vol [l]
Force (Load) [kN]	3.3	4.5	5.6	6.8	8.0	9.2	2.9
Spring rate [N/cm]	675	890	1110	1300	1470	1675	
Natural frequency [Hz]	2.3	2.2	2.2	2.2	2.1	2.1	

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol.[l]	
Height H [mm]	180	3.1	4.1	5.2	6.3	7.4	8.6	2.9
	160	3.9	5.1	6.5	7.8	9.1	10.5	2.7
	140	4.5	6.0	7.5	9.0	10.6	12.2	2.4
	120	5.0	6.7	8.4	10.1	11.8	13.6	2.1
	100	5.6	7.4	9.3	11.2	13.1	15.0	1.7
	80	6.1	8.1	10.1	12.2	14.2	16.2	1.2



Service instructions
 M8 = 25 Nm
 G 1/4 = 25 Nm
 G 3/4 = 50 Nm