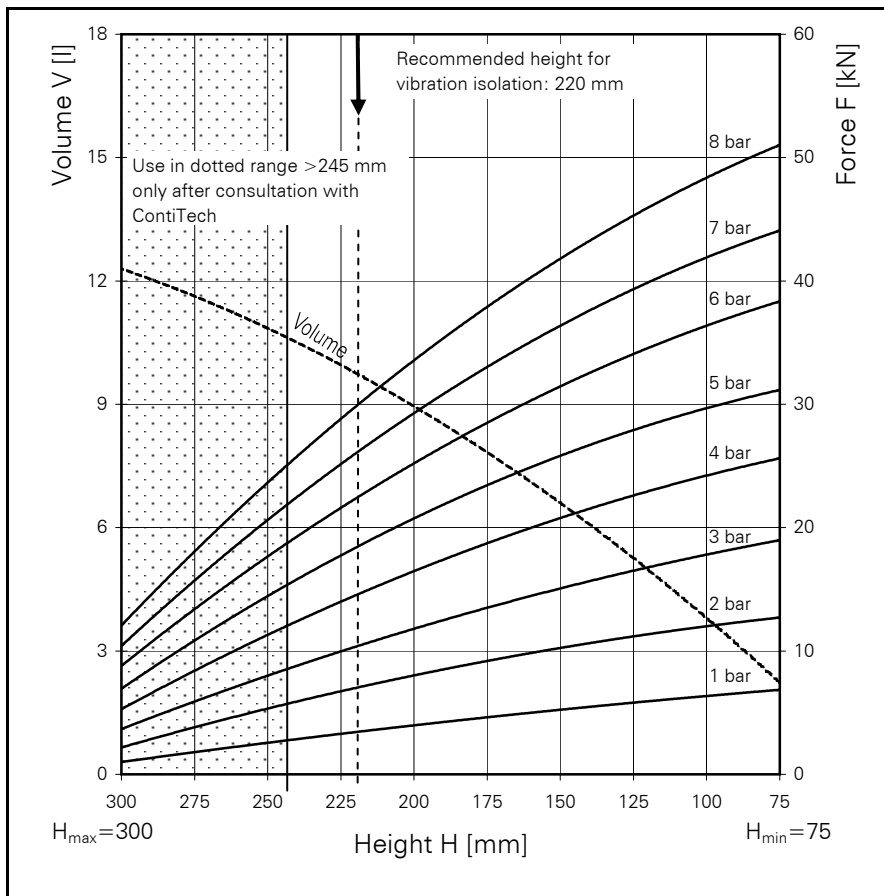
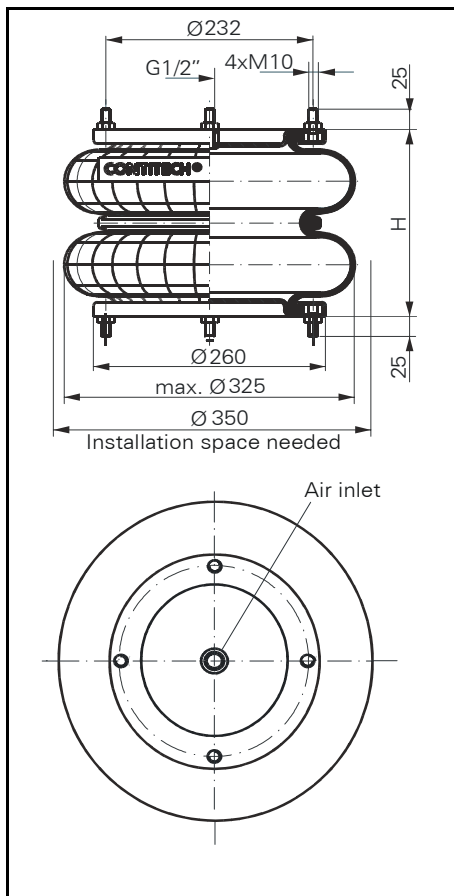


FD 412-18

CONTI® Double Convolution Air Spring



FD 412-18

Force-height diagram

Purchase order data

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

Additional types on request

Technical data

Min. pressure	0 bar
Return force to min. height	≤ 300 N
Overall weight with metal plates	6.7 kg

Vibration isolation - dynamic characteristic values

Design height H: recommended 220mm, minimum 200mm

Pressure p [bar]	3	4	5	6	7	8	Vol V[l]
Force (Load) [kN]	10.3	14.6	18.3	22.3	26.1	30.0	
Spring rate [N/cm]	1550	2000	2430	2850	3300	3730	
Natural frequency [Hz]	2.0	1.9	1.8	1.8	1.8	1.8	

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol.[l]	
Height H [mm]	250	7.8	11.2	14.6	17.5	20.7		23.4
	200	11.8	16.5	20.7	25.2	29.0		33.3
	150	15.2	20.8	25.8	31.6	36.5		42.0
	100	18.0	24.1	29.8	36.5	42.0	48.6	



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