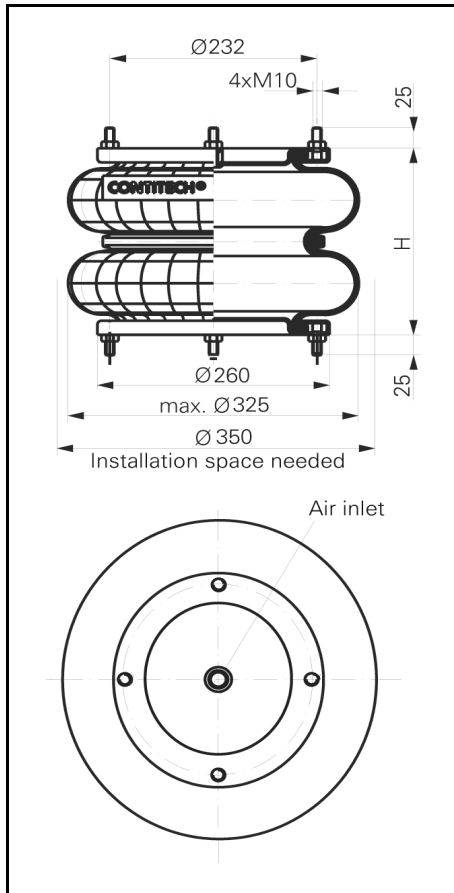
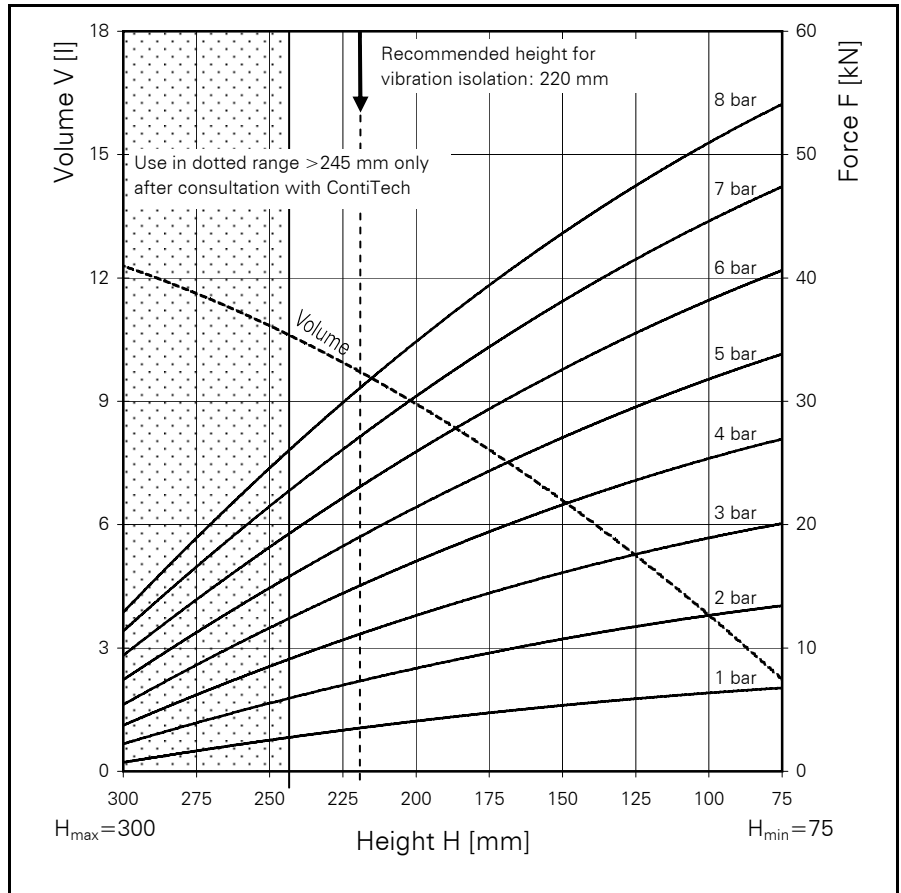


FD 412-18

CONTI® Double Convolution Air Spring



FD 412-18



Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	50481
With removable plates and G 1/2 air inlet	50365

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]	11.2	15.0	18.8	22.7	26.6	30.4	
Spring rate [N/cm]	1470	1890	2320	2740	3160	3535	
Natural frequency [Hz]	1.8	1.8	1.8	1.7	1.7	1.7	

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol.[l]	
Height H [mm]	250	8.8	12.1	15.4	18.9	22.4		25.6
	200	12.6	16.9	21.2	25.6	30.0		34.8
	150	15.8	21.3	26.8	32.2	37.6		42.6
	100	19.2	25.6	32.0	38.6	45.2	51.6	



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