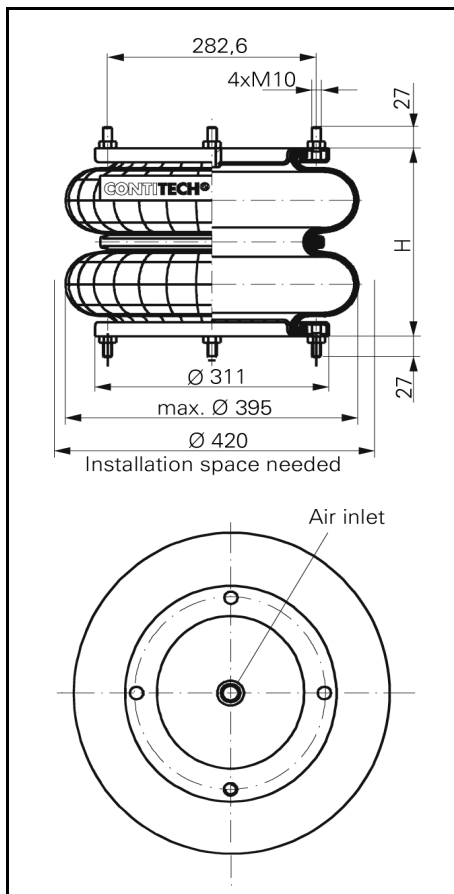
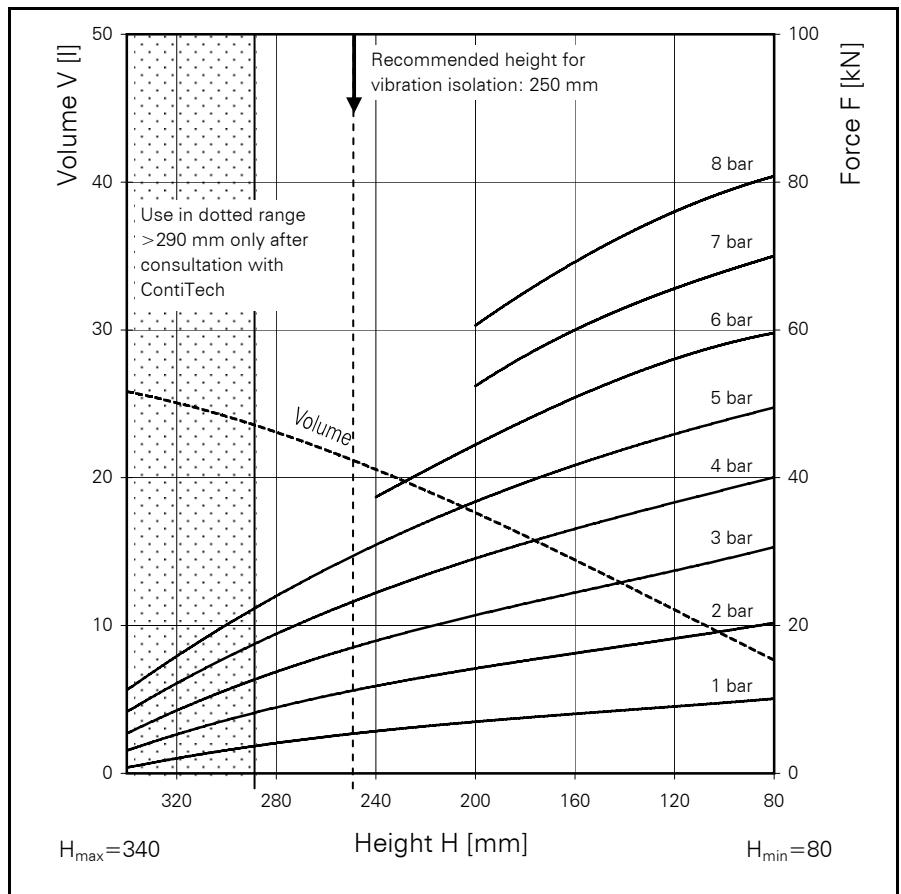


FD 614-26

CONTI® Double Convolution Air Spring



FD 614-26



Force-height diagram

Purchase order data

Type	Order No.
Rubber bellows only	50664
With removable plates and G 1/2 air inlet	50661

Additional types on request

Technical data

Min. pressure	0 bar
Return force to min. height	≤ 200 N
Overall weight with metal plates	9.3 kg

Vibration isolation - dynamic characteristic values

Design height H: recommended 250mm, minimum 230mm

Pressure p [bar]	3	4	5	6	7	8	Vol V[l]
Force (Load) [kN]	17.2	23.3	29.3	35.3	41.4	47.3	
Spring rate [N/cm]	1990	2550	3100	3645	4185	4690	
Natural frequency [Hz]	1.7	1.7	1.6	1.6	1.6	1.6	

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol.[l]	
Height H [mm]	280	13.6	18.9	24.2	30.1	36.0	42.2	23.2
	240	17.8	24.1	30.4	37.4	44.6	51.6	20.7
	200	21.4	28.9	36.4	44.4	52.4	60.6	17.6
	160	24.6	33.3	41.9	51.0	60.0	69.2	14.4
	120	27.4	36.9	46.4	56.0	65.6	76.0	11.1
	80	30.6	39.9	49.2	59.6	70.0	80.8	7.7



Service instructions

M10 = 25 Nm

G 1/2 = 25 Nm