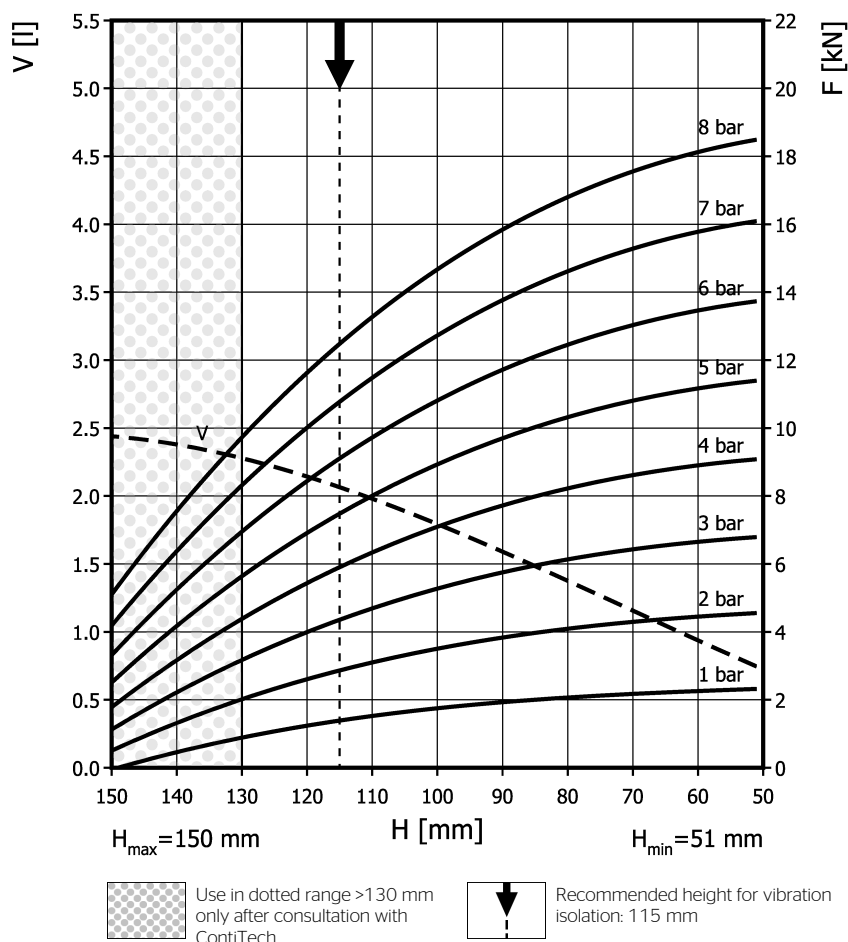
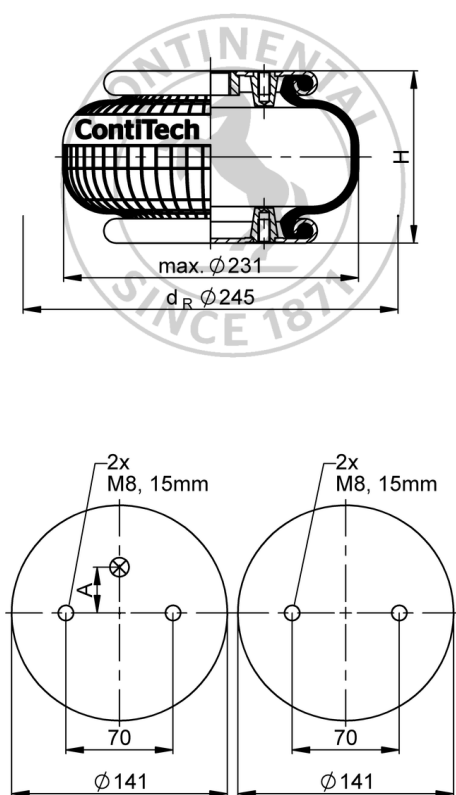


FS 120-10 CI

Single Convolution Air Actuator



Purchase order data

Type	Order No.
rubber bellows only	62828
with crimped plates, G1/4 air inlet A = 0 mm excentrical	62404
with crimped plates, G3/4 air inlet A = 0 mm excentrical	62313

Additional types on request

Technical data

Min. pressure	0 bar
Return force to min height	≤ 200 N
Overall weight	2 kg

Vibration isolation - dynamic characteristic values

Design height H: recommended 115mm, minimum 100mm

Pressure p [bar]	3	4	5	6	7	8	Vol. V [l]
Force (Load) [kN]	4.8	6	7.5	9.1	10.7	12.3	2.1
Spring rate [N/mm]	135	169	204	238	272	305	
Natural frequency [Hz]	2.8	2.7	2.6	2.6	2.5	2.5	

Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol. V [l]
Height H [mm]	125	4.92	6.29	7.72	9.19	10.7	2.2
	115	4.35	5.9	7.47	9.1	10.8	2.1
	105	4.99	6.73	8.48	10.3	12.1	1.9
	95	5.52	7.42	9.33	11.3	13.3	1.7
	85	5.96	7.99	10	12.1	14.2	1.5
	75	6.3	8.44	10.6	12.8	15	1.3
	65	6.55	8.77	11	13.3	15.6	1

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



Service instructions

M8: max. 25 Nm

G1/4: max. 25 Nm

G3/4: max. 50 Nm