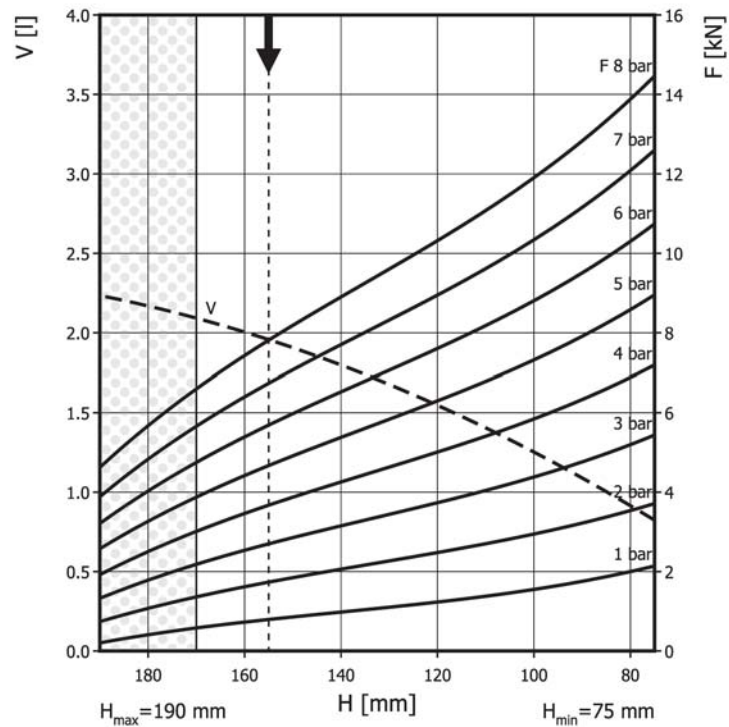
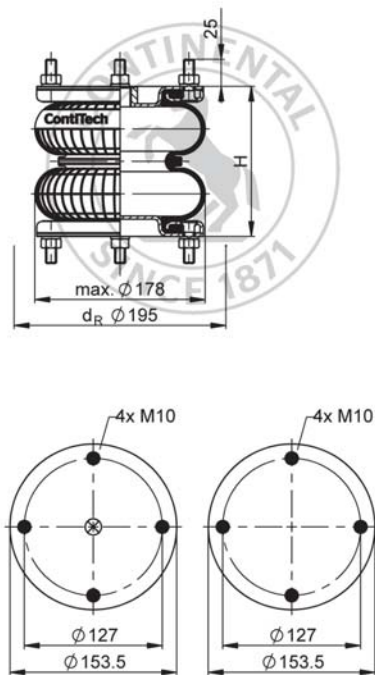


# FD 76-14 DS CR Double Convolution Air Actuator



Use in dotted range >170 mm only after consultation with ContiTech



Recommended height for vibration isolation: 155 mm

### Purchase order data

Type	Order No.
Rubber bellows only	77215
CR-Rubber bellows, with dismountable plates, G1/2 air inlet	70215

Additional types on request



Service instructions  
M10: max. 25 Nm  
G1/2: max. 25 Nm

### Technical data

Min. pressure	0 bar
Return force to min height	≤ 180 N
Overall weight	2.6 kg

#### Vibration isolation - dynamic characteristic values

Design height H: recommended 155mm, minimum 145mm

Pressure p [bar]	3	4	5	6	7	8	Vol. V [l]
Force (Load) [kN]	2.7	3.7	4.7	5.7	6.7	7.8	
Spring rate [N/mm]	65	83	101.5	118.5	136	153	
Natural frequency [Hz]	2.5	2.4	2.3	2.3	2.3	2.2	

#### Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol. V [l]	
Height H [mm]	170	2.16	2.98	3.83	4.7	5.59		6.53
	150	2.85	3.86	4.9	5.96	7.06	8.18	1.9
	130	3.46	4.66	5.88	7.12	8.38	9.67	1.7
	110	4.06	5.43	6.8	8.19	9.62	11.1	1.4
	90	4.74	6.3	7.88	9.47	11.1	12.8	1.1