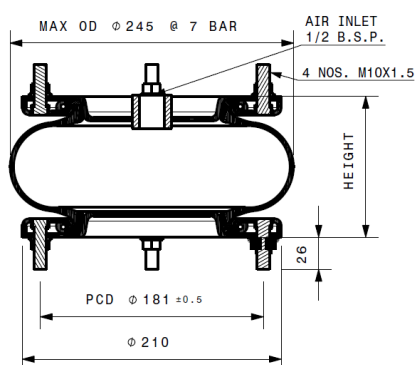
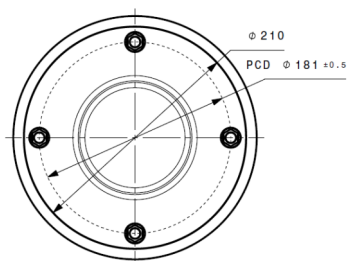


Top View



Section View



Bottom View

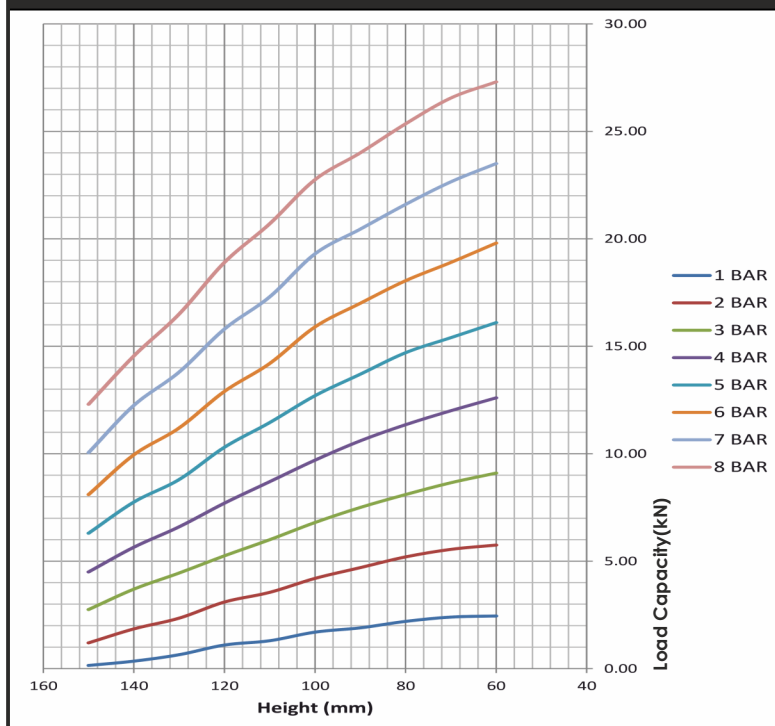
Technical Data

Part Description: D-Series convolute type complete assembly
Free Height: 185mm
Minimum Recommended Height: 60mm
Design Height: 110mm
Maximum Recommended Height: 150mm
Working Stroke: 90mm
Loading Capacity @ 1 BAR @ 110mm (±5%): 1.3kN
Loading Capacity @ 7 BAR @ 110mm (±5%): 17.3kN
Maximum OD @ 7 BAR : Ø245mm
Required Space: 275mm
Weight (±0.2kg) : 5.0kg

Force (kN)

Air Pressure Height (mm)	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
380	0.15	1.20	2.75	4.50	6.30	8.10	10.05	12.30
360	0.35	1.85	3.70	5.65	7.75	9.95	12.25	14.55
340	0.65	2.35	4.45	6.60	8.80	11.20	13.80	16.50
320	1.10	3.10	5.25	7.70	10.30	12.90	15.80	18.90
300	1.30	3.55	6.00	8.70	11.45	14.20	17.30	20.70
280	1.70	4.20	6.80	9.70	12.70	15.90	19.30	22.75
260	1.90	4.70	7.50	10.60	13.70	17.00	20.45	24.00
240	2.20	5.20	8.10	11.35	14.70	18.05	21.60	25.35
220	2.40	5.55	8.65	12.00	15.40	18.90	22.65	26.55
200	2.45	5.75	9.10	12.60	16.10	19.80	23.50	27.30

Static Characteristics



CROSS REFERENCE

Gibraltar	Firestone	Contitech	Oria
G10X1	10X1	FS 210-10 DS	D10X1