

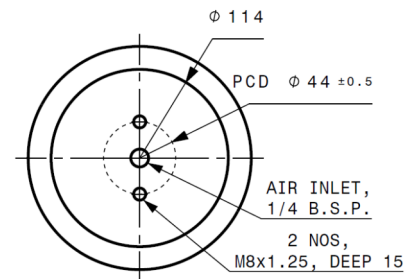
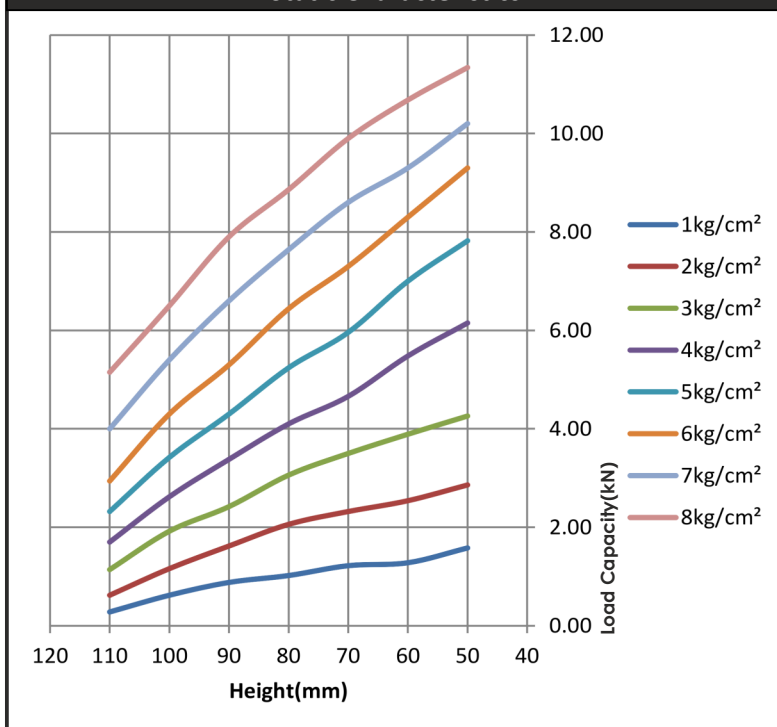
TECHNICAL DATA

Part Description: Crimped convolute type complete assembly
Maximum Height: 115mm
Maximum Recommended Height: 110mm
Minimum Height: 50mm
Minimum Recommended Height: 55mm
Design Height: 90mm
Load Capacity @ 7 BAR @ 90mm Design Height: 6.5kN
Maximum OD @ 7 BAR: 165 mm
Weight (±0.2kg): 1.5kg

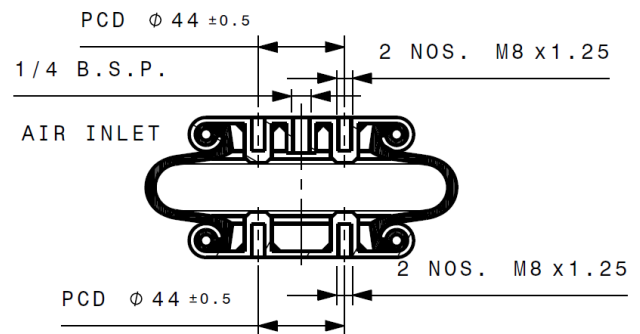
Force (kN)

Air Pressure	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
Height (mm)								
110	0.28	0.62	1.14	1.70	2.32	2.94	4.00	5.15
100	0.62	1.16	1.92	2.62	3.42	4.30	5.40	6.50
90	0.88	1.62	2.42	3.38	4.30	5.30	6.60	7.90
80	1.02	2.06	3.06	4.10	5.24	6.44	7.64	8.86
70	1.22	2.32	3.50	4.66	5.96	7.30	8.60	9.90
60	1.28	2.54	3.89	5.48	7.00	8.30	9.30	10.68
50	1.58	2.86	4.26	6.15	7.82	9.30	10.20	11.34

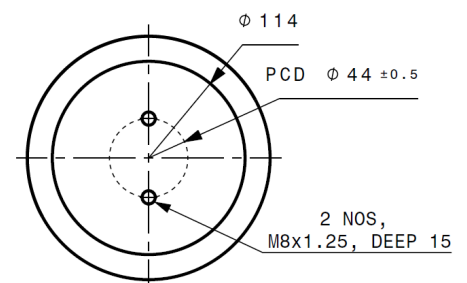
Static Characteristics



Top View



Section View



Bottom View

CROSS REFERENCE

Gibraltar	Firestone	Contitech	Oria
1G-5	131	FS 70-7 CI	M-20