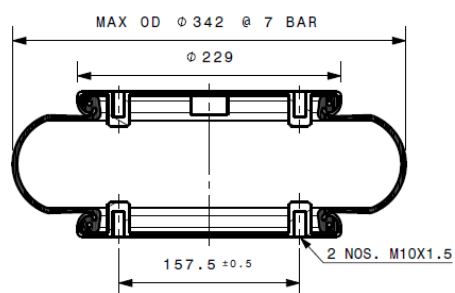
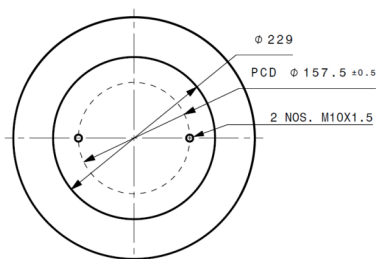


Note: This is the preferred position for Air Inlet.
For any other location, please consult with
Gibraltar Airsprings for feasibility.

Top View



Section View



Bottom View

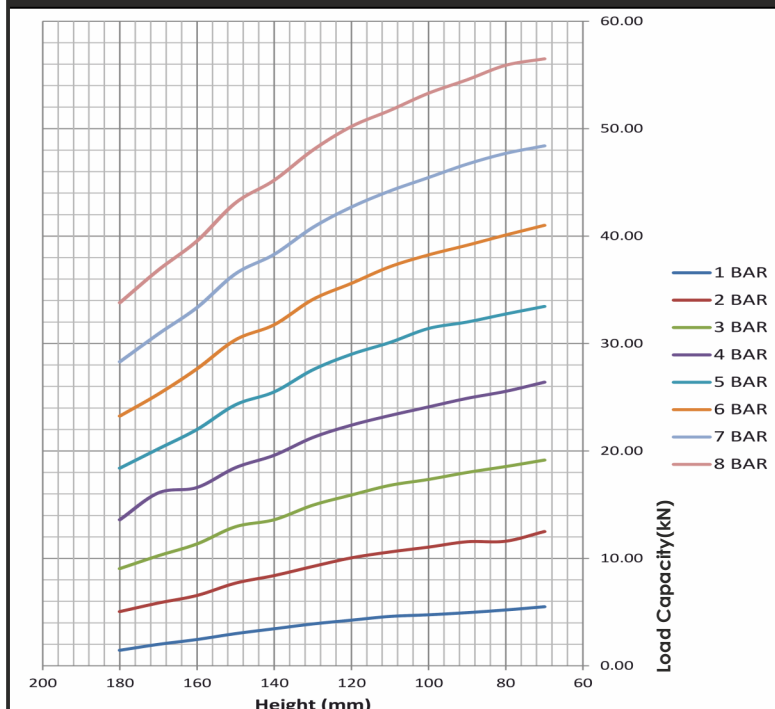
Technical Data

Part Description: Crimped convolute type complete assembly
Free Height: 220mm
Minimum Recommended Height: 70mm
Design Height: 125mm
Maximum Recommended Height: 180mm
Working Stroke: 110mm
Loading Capacity @ 1 BAR @ 125mm (±5%): 4.1kN
Loading Capacity @ 7 BAR @ 125mm (±5%): 41.6kN
Maximum OD @ 7 BAR : Ø342mm
Required Space: 375mm
Weight (±0.2kg) : 5.0kg

Force (kN)

Air Pressure	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
Height (mm)								
180	1.45	5.05	9.05	13.60	18.40	23.25	28.30	33.80
170	2.00	5.85	10.25	16.10	20.20	25.30	30.90	36.85
160	2.45	6.55	11.35	16.60	22.00	27.65	33.35	39.55
150	3.00	7.70	12.95	18.45	24.30	30.35	36.50	43.10
140	3.45	8.40	13.60	19.60	25.50	31.75	38.30	45.20
130	3.90	9.25	14.95	21.25	27.55	34.10	40.80	48.00
120	4.25	10.05	15.90	22.40	29.00	35.60	42.70	50.20
110	4.60	10.60	16.80	23.30	30.10	37.15	44.20	51.70
100	4.75	11.05	17.35	24.10	31.40	38.25	45.45	53.30
90	4.95	11.55	18.00	24.90	32.00	39.15	46.70	54.55
80	5.20	11.60	18.55	25.55	32.75	40.10	47.70	55.90
70	5.50	12.50	19.15	26.40	33.45	41.00	48.40	56.50

Static Characteristics



CROSS REFERENCE

Gibraltar	Firestone	Contitech	Oria
1G-9	19	FS 330-11	M-40