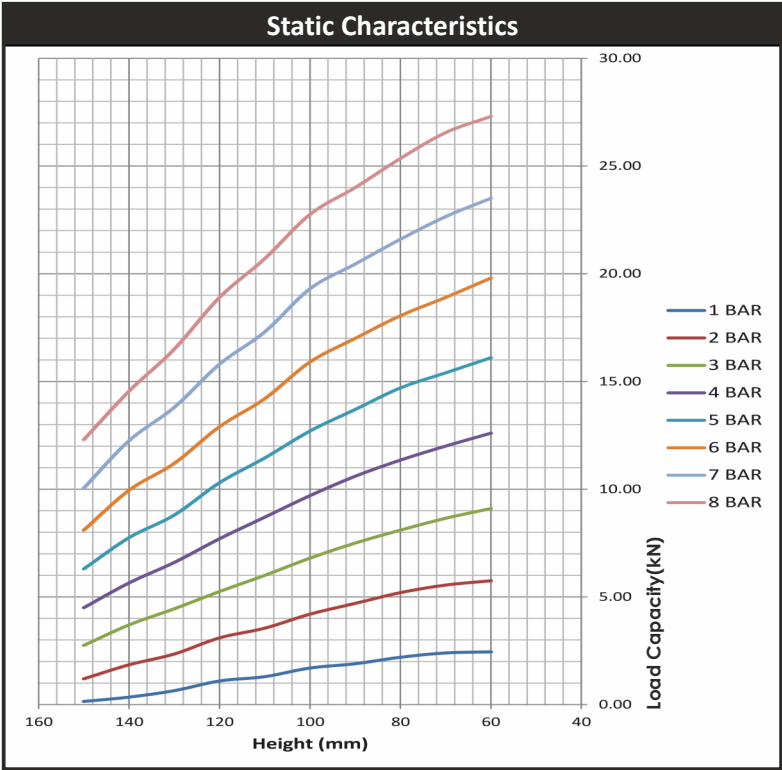
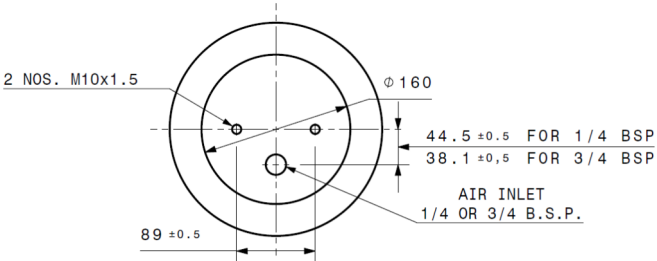


Technical Data	
Part Description: Crimped convolute type complete assembly	
Free Height: 185mm	
Minimum Recommended Height: 60mm	
Design Height: 110mm	
Maximum Recommended Height: 150mm	
Working Stroke: 90mm	
Loading Capacity @ 1 BAR @ 110mm (±5%): 1.3kN	
Loading Capacity @ 7 BAR @ 110mm (±5%): 17.3kN	
Maximum OD @ 7 BAR: Ø245mm	
Required Space: 275mm	
Weight (±0.2kg) : 2.7kg	

Force (kN)								
Air Pressure Height (mm)	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
150	0.15	1.20	2.75	4.50	6.30	8.10	10.05	12.30
140	0.35	1.85	3.70	5.65	7.75	9.95	12.25	14.55
130	0.65	2.35	4.45	6.60	8.80	11.20	13.80	16.50
120	1.10	3.10	5.25	7.70	10.30	12.90	15.80	18.90
110	1.30	3.55	6.00	8.70	11.45	14.20	17.30	20.70
100	1.70	4.20	6.80	9.70	12.70	15.90	19.30	22.75
90	1.90	4.70	7.50	10.60	13.70	17.00	20.45	24.00
80	2.20	5.20	8.10	11.35	14.70	18.05	21.60	25.35
70	2.40	5.55	8.65	12.00	15.40	18.90	22.65	26.55
60	2.45	5.75	9.10	12.60	16.10	19.80	23.50	27.30

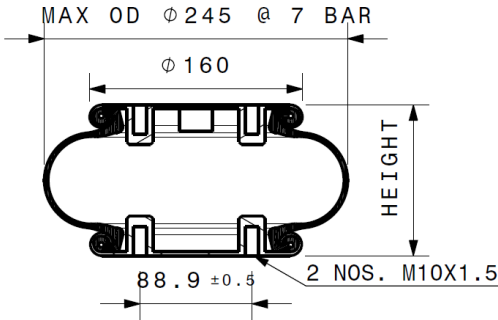


CROSS REFERENCE			
Gibraltar	Firestone	Contitech	Oria
1G-8	115	FS 200-10	M-35

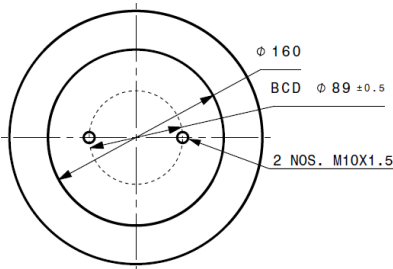


Note: This is the preferred position for Air Inlet.
For any other location, please consult
with Gibraltar Airsprings for feasibility.

Top View



Section View



Bottom View