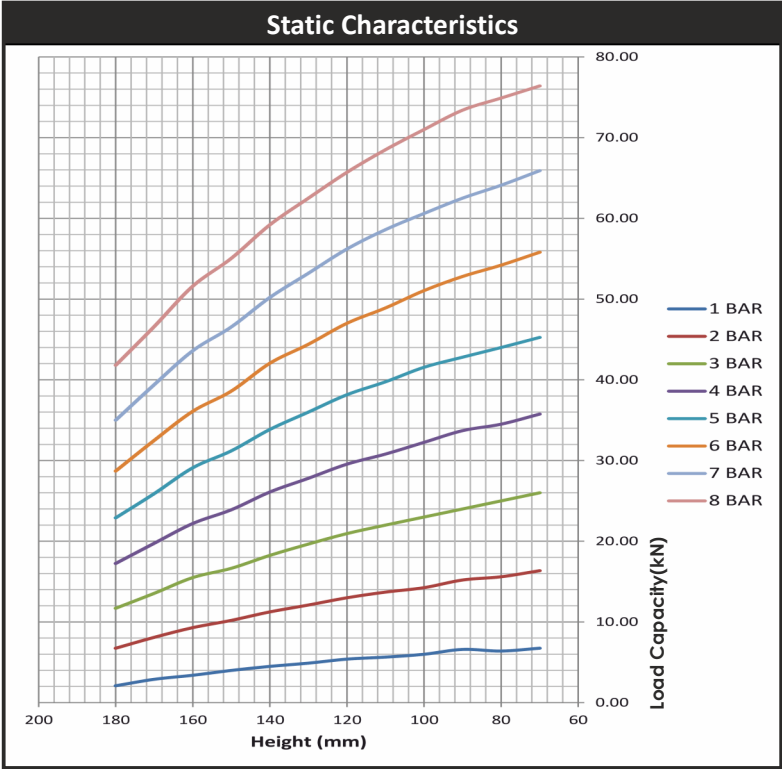
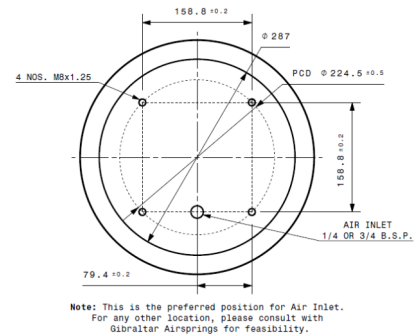


Technical Data	
Part Description: Crimped convolute type complete assembly	
Free Height: 225mm	
Minimum Recommended Height: 70mm	
Design Height: 125mm	
Maximum Recommended Height: 180mm	
Working Stroke: 110mm	
Loading Capacity @ 1 BAR @ 125mm (±5%): 5.2kN	
Loading Capacity @ 7 BAR @ 125mm (±5%): 54.75kN	
Maximum OD @ 7 BAR : Ø391mm	
Required Space: 425mm	
Weight (±0.2kg) : 6.5kg	

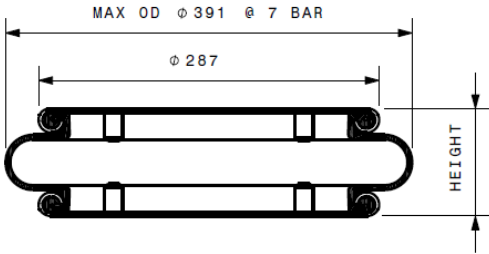
		Force (kN)							
Air Pressure	Height (mm)	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
	180	2.10	6.75	11.70	17.25	22.90	28.70	35.00	41.80
	170	2.90	8.10	13.55	19.75	25.90	32.50	39.40	46.60
	160	3.40	9.30	15.50	22.20	29.10	36.10	43.60	51.60
	150	4.00	10.20	16.65	23.90	31.20	38.60	46.55	55.05
	140	4.50	11.25	18.25	26.10	33.85	42.05	50.20	59.20
	130	4.90	12.10	19.65	27.80	36.00	44.40	53.20	62.50
	120	5.40	13.00	20.95	29.55	38.15	47.00	56.20	65.70
	110	5.65	13.70	22.00	30.80	39.75	48.90	58.60	68.50
	100	6.00	14.25	23.00	32.25	41.55	51.05	60.60	71.00
	90	6.60	15.20	24.00	33.70	42.80	52.80	62.50	73.40
	80	6.40	15.60	25.00	34.50	44.00	54.20	64.10	74.90
	70	6.75	16.35	26.00	35.75	45.25	55.80	65.90	76.40



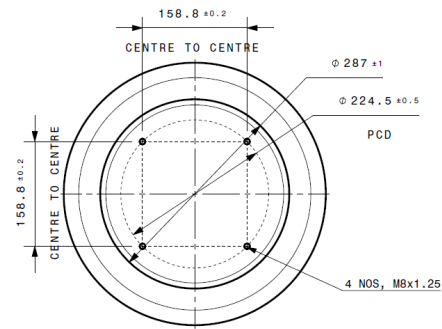
CROSS REFERENCE			
Gibraltar	Firestone	Contitech	Oria
1G-12	113	FS 530-11	M-45



Top View



Section View



Bottom View