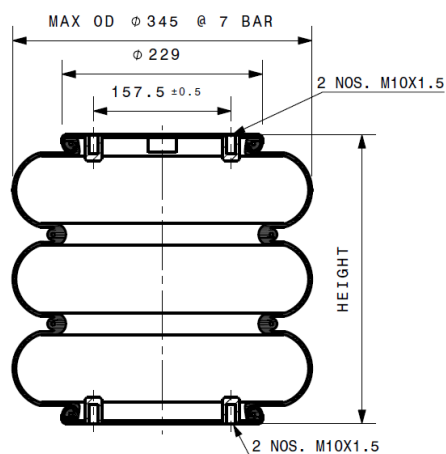
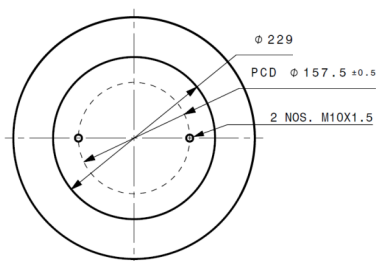


Note: This is the preferred position for Air Inlet.
For any other location, please consult
with Gibraltar Airsprings for feasibility.

Top View



Section View



Bottom View

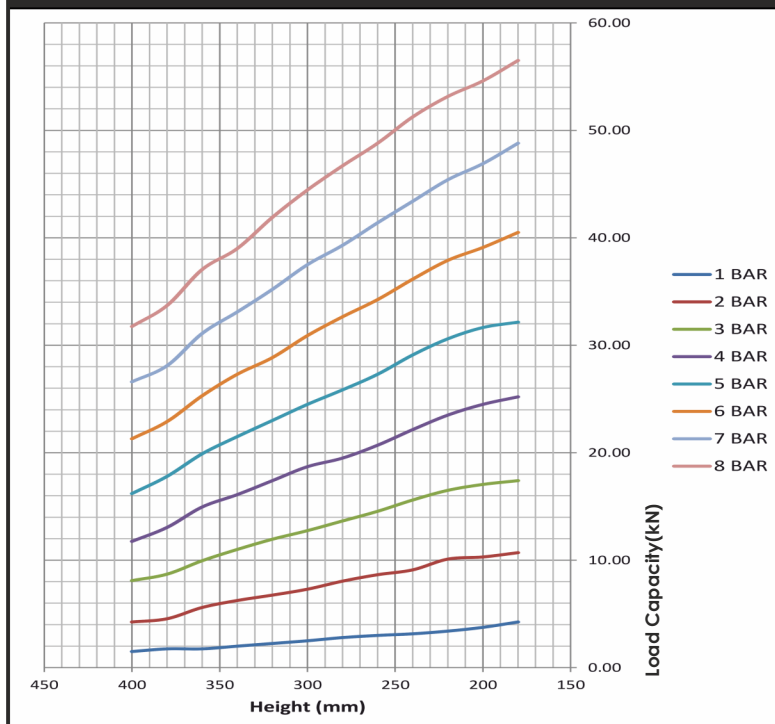
Technical Data

Part Description: Crimped convolute type complete assembly
Free Height: 430mm
Minimum Recommended Height: 145mm
Design Height: 280mm
Maximum Recommended Height: 400mm
Working Stroke: 255mm
Loading Capacity @ 1 BAR @ 280mm (±5%): 2.8kN
Loading Capacity @ 7 BAR @ 280mm (±5%): 39.3kN
Maximum OD @ 7 BAR : Ø345mm
Required Space: 375mm
Weight (±0.2kg) : 7.5kg

Force (kN)

Air Pressure	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
Height (mm)								
400	1.50	4.25	8.10	11.75	16.20	21.30	26.60	31.75
380	1.75	4.55	8.70	13.05	17.80	22.90	28.10	33.70
360	1.75	5.60	9.95	14.95	19.90	25.30	31.10	37.05
340	2.00	6.25	11.00	16.10	21.50	27.30	33.10	39.00
320	2.25	6.75	11.95	17.40	23.00	28.85	35.20	41.90
300	2.50	7.30	12.75	18.70	24.50	30.90	37.50	44.45
280	2.80	8.05	13.65	19.50	25.85	32.65	39.30	46.70
260	3.00	8.65	14.55	20.70	27.30	34.25	41.40	48.80
240	3.15	9.10	15.60	22.15	29.10	36.15	43.40	51.25
220	3.40	10.10	16.50	23.50	30.60	37.90	45.40	53.15
200	3.75	10.30	17.05	24.50	31.65	39.10	46.90	54.60
180	4.25	10.70	17.40	25.20	32.15	40.50	48.80	56.50

Static Characteristics



CROSS REFERENCE

Gibraltar	Firestone	Contitech	Oria
3G-9	-	FT 330-29 1/1 M8	M-93