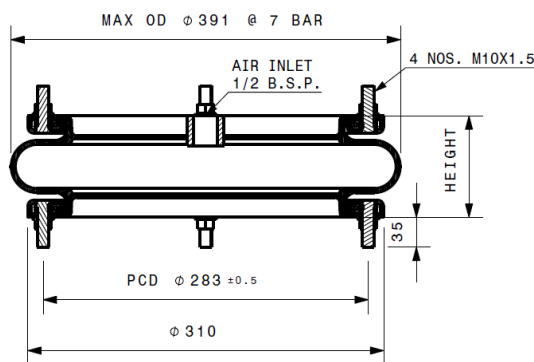
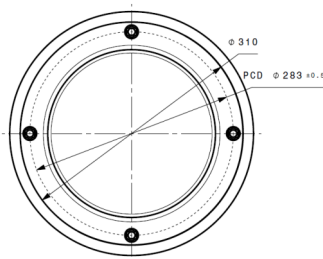


Top View



Section View



Bottom View

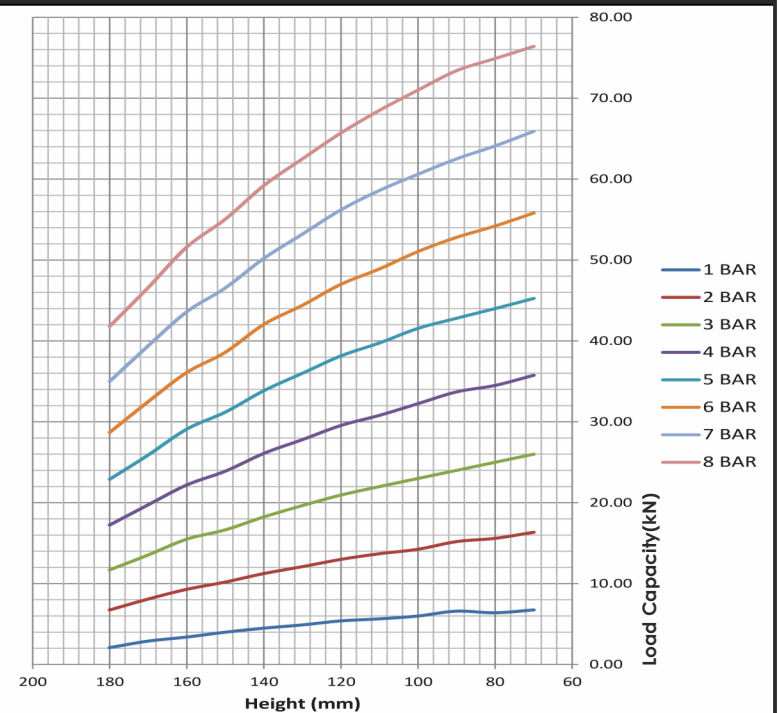
Technical Data

Part Description: D-Series 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) : 8.40kg

Force (kN)

Air Pressure	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
Height (mm)								
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

Static Characteristics



CROSS REFERENCE

Gibraltar	Firestone	Contitech	Oria
G14½X1	14½X1	FS 614-13 DS	D14½X1