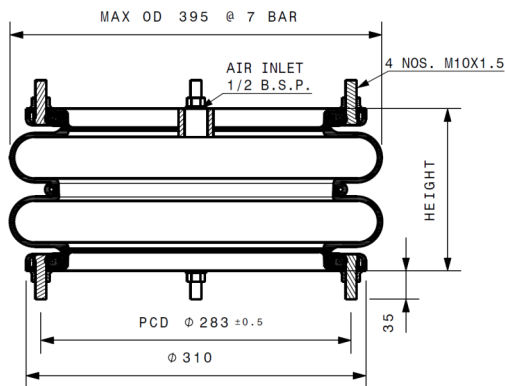
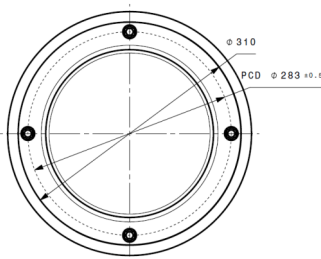


Top View



Section View



Bottom View

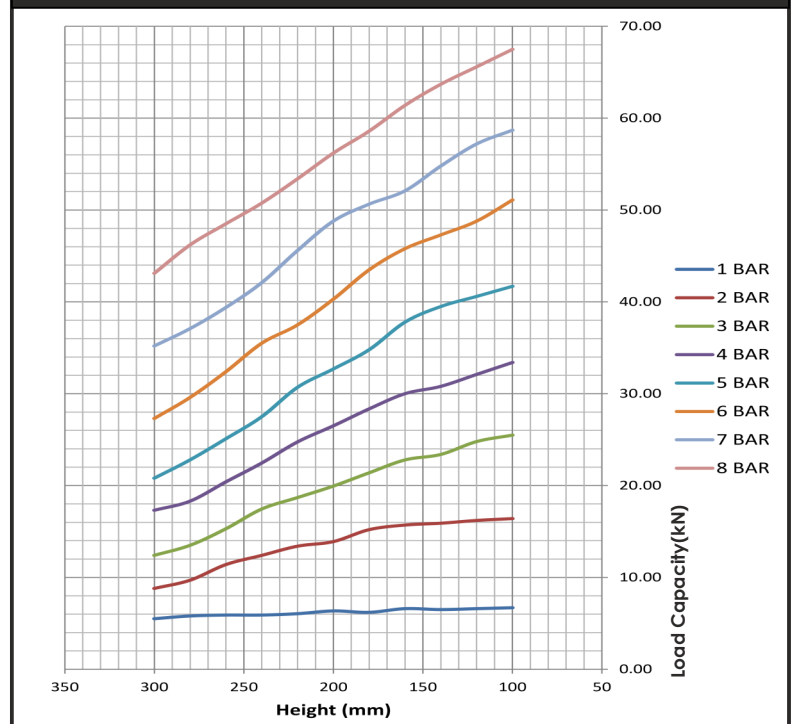
Technical Data

Part Description: D-Series convolute type complete assembly
Free Height: 340mm
Minimum Recommended Height: 80mm
Design Height: 240mm
Maximum Recommended Height: 300mm
Working Stroke: 220mm
Loading Capacity @ 1 BAR @ 240mm (±5%): 5.9kN
Loading Capacity @ 7 BAR @ 240mm (±5%): 42.1kN
Maximum OD @ 7 BAR: Ø395mm
Required Space: 425mm
Weight (±0.2kg) : 10.0kg

Force (kN)

Air Pressure Height (mm)	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
300	5.50	8.80	12.40	17.30	20.80	27.30	35.20	43.10
280	5.80	9.70	13.50	18.30	22.80	29.60	37.10	46.20
260	5.90	11.40	15.30	20.40	25.10	32.40	39.40	48.50
240	5.90	12.40	17.45	22.45	27.50	35.50	42.10	50.75
220	6.05	13.40	18.70	24.75	30.70	37.50	45.60	53.40
200	6.35	13.90	19.95	26.50	32.70	40.30	48.80	56.20
180	6.20	15.20	21.40	28.35	34.80	43.50	50.65	58.60
160	6.60	15.70	22.80	30.00	37.80	45.80	52.10	61.40
140	6.50	15.90	23.40	30.80	39.50	47.30	54.80	63.70
120	6.60	16.20	24.80	32.10	40.60	48.80	57.20	65.60
100	6.70	16.40	25.50	33.40	41.70	51.10	58.70	67.50

Static Characteristics



CROSS REFERENCE

Gibraltar	Firestone	Contitech	Oria
G14½X2	14½X2	FD 614-26 DS	D14½X2