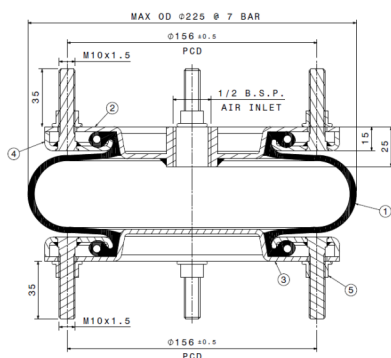
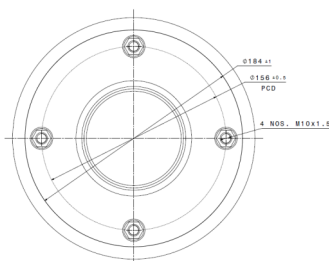


Top View



Section View



Bottom View

TECHNICAL DATA

Part Description: D-Series convolute type complete assembly

Maximum Height: 125mm

Maximum Recommended Height: 120mm

Minimum Height: 50mm

Minimum Recommended Height: 55mm

Design Height: 90mm

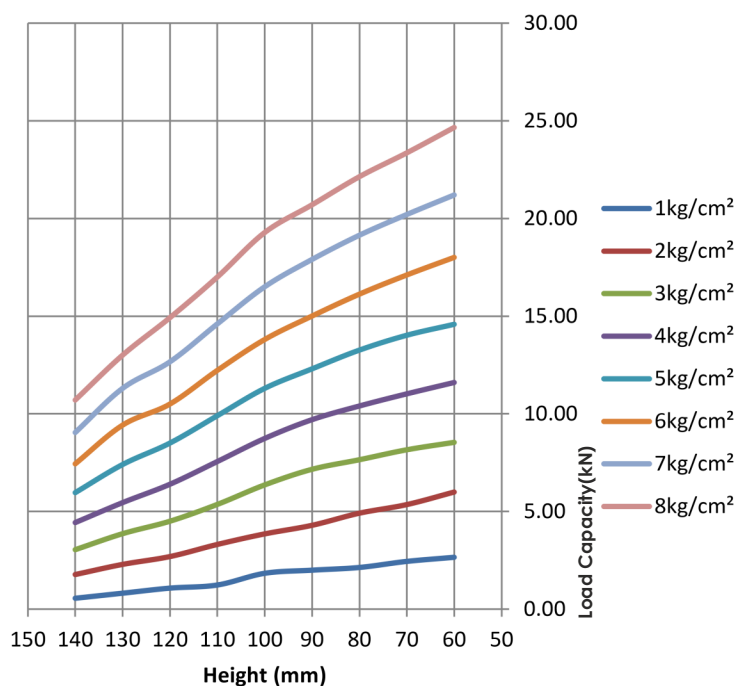
Load Capacity @ 7 BAR @ 90mm Design Height: 9.5kN

Maximum OD @ 7 BAR: Ø225 mm

Weight (±0.2kg): 3.7kg

Force (kN)

Air Pressure Height (mm)	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
140	0.56	1.78	3.04	4.44	5.96	7.44	9.04	10.70
130	0.82	2.30	3.86	5.46	7.40	9.42	11.30	13.00
120	1.08	2.70	4.50	6.40	8.50	10.50	12.66	14.92
110	1.24	3.32	5.36	7.56	9.90	12.22	14.60	17.00
100	1.84	3.86	6.36	8.74	11.30	13.80	16.50	19.28
90	2.00	4.30	7.16	9.70	12.30	15.00	17.90	20.70
80	2.14	4.92	7.65	10.40	13.26	16.12	19.14	22.14
70	2.45	5.36	8.16	11.02	14.02	17.10	20.20	23.36
60	2.66	6.00	8.54	11.60	14.58	18.00	21.20	24.66

Static Characteristics**CROSS REFERENCE**

Gibraltar	Firestone	Contitech	Oria
G8X1	8X1	FS 138-8 DS	D8X1