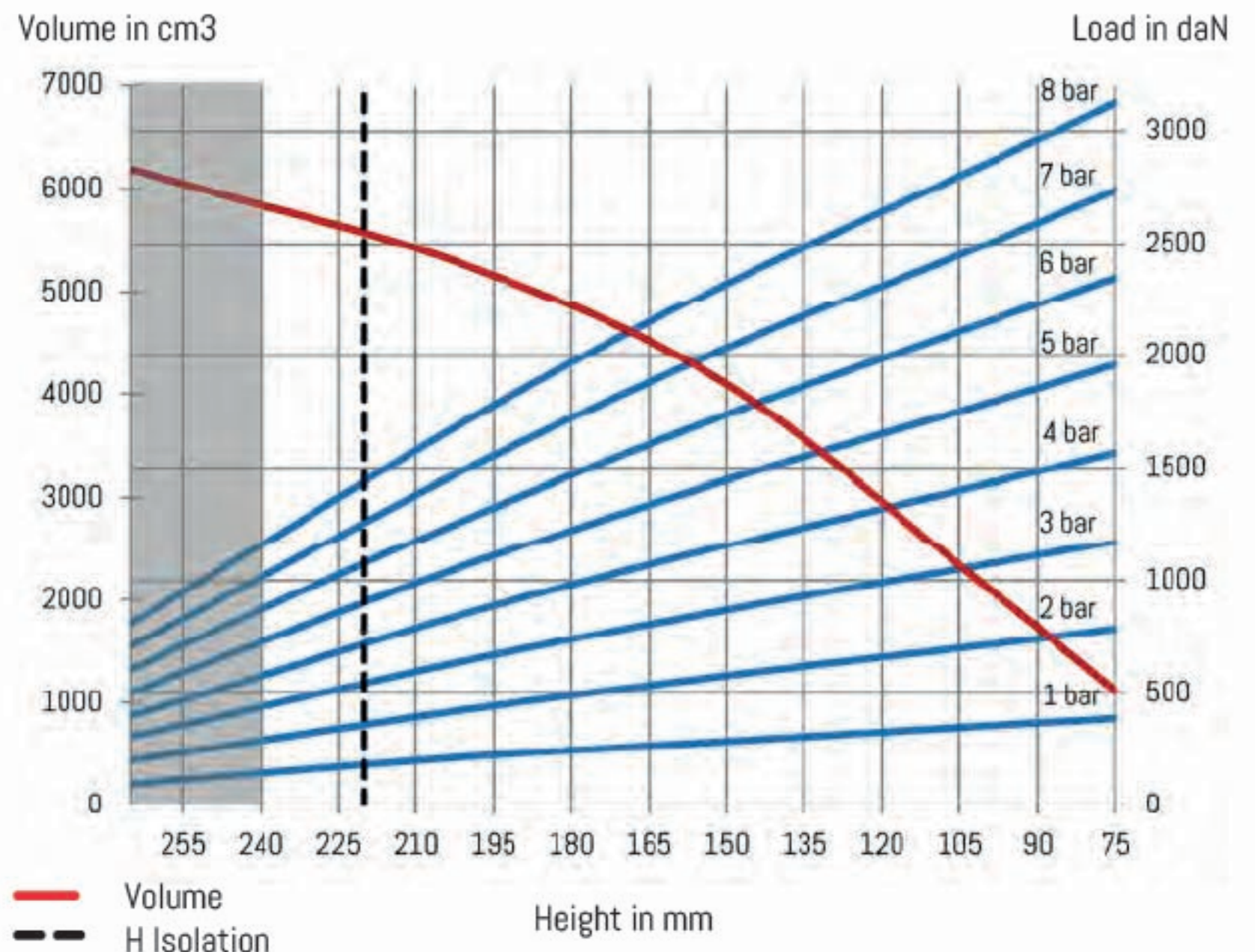
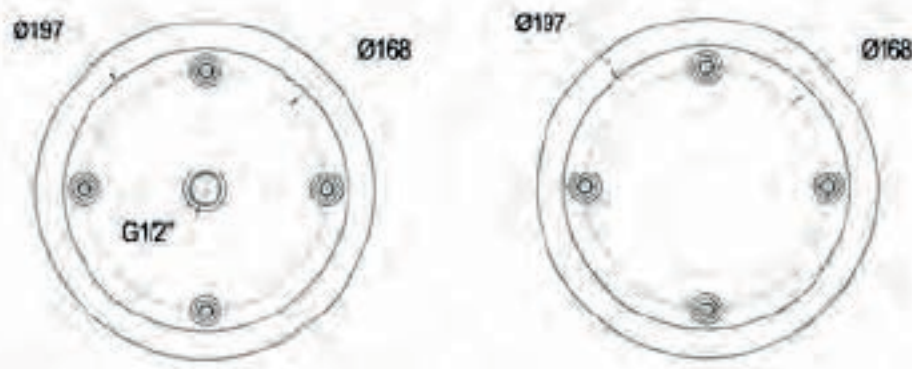
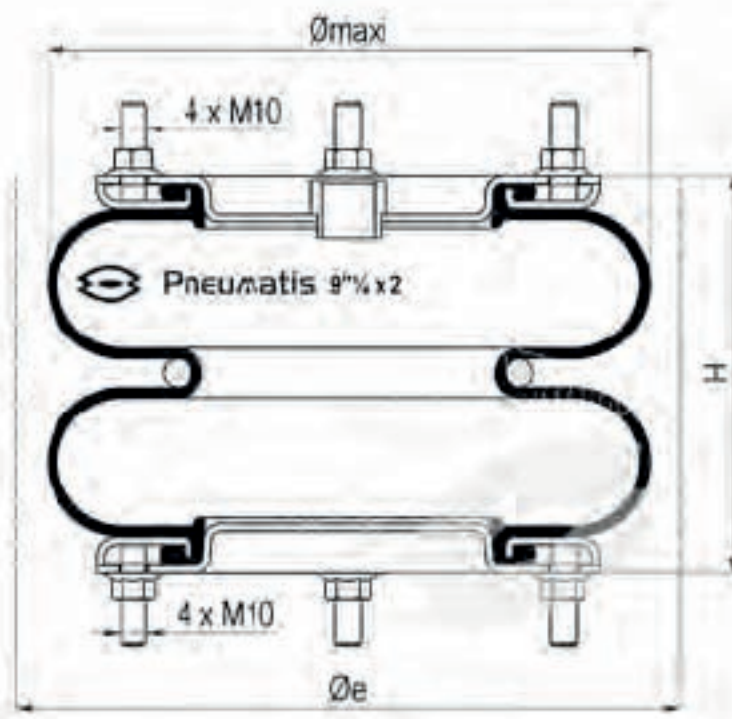


Bellow 9" ¼ x 2 steel

DB0928/B



INDUSTRY



Technical characteristics

Maximum pressure	8 bar
Burst pressure	24 bar
Maximum angular capacity	15°
Maximum out of alignment	10 mm

Static diameter	235 mm
Maximum diameter	255 mm
Minimum overall diameter (Øe)	270 mm
Minimum height	75 mm
Static height (H)	160 mm
Maximum height	265 mm
Maximum recommended height	240 mm
Total stroke	190 mm
Effective area at static height	275 cm²
Stiffness at 4 bar	24 daN/mm
Natural frequency at 4 bar	1,9 Hz
Weight	4,5 kg

Dynamic characteristics at H = 220mm*

Pressure	2 bar	4 bar	6 bar
Load (daN)	395	830	1260
Volume (dm³)	5,86	6,03	6,20
Stiffness (daN/mm)	56,8	104,4	150,4
Natural frequency (Hz)	1,89	1,77	1,72
Isolation rate at 10Hz %	96,3%	96,8%	96,9%

* Recommended height for better isolation

Temperatures

Chlorobutyl	-25°C (-35°C static)	+90°C (+100°C static)
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References

DB0928/B	Bellow 2 convolutes 9" ¼ x 2 Chlorobutyl steel bolted air inlet G1/2 centered
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Characteristics in static condition (daN)

Height	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar	Vol 5 bar
75	784	1 174	1 568	1 958	2 350	2 738	3 126	1110
100	712	1 072	1 430	1 784	2 144	2 496	2 851	2133
150	577	868	1 158	1 448	1 737	2 031	2 321	4093
160	549	826	1 100	1 375	1 650	1 926	2 201	2201
200	427	645	855	1 072	1 280	1 500	1 713	5254
220	361	543	718	897	1 079	1 258	1 440	5651
240	294	441	580	724	874	1 017	1 164	5925
250	255	384	503	636	765	890	1 019	5979
265	203	308	400	500	604	708	807	6189

Mounting instructions

Fastening torque M10 x 1,5 : 20 to 28 Nm

Indicative value of force to reach the minimum height at atmospheric pressure is 15 daN.