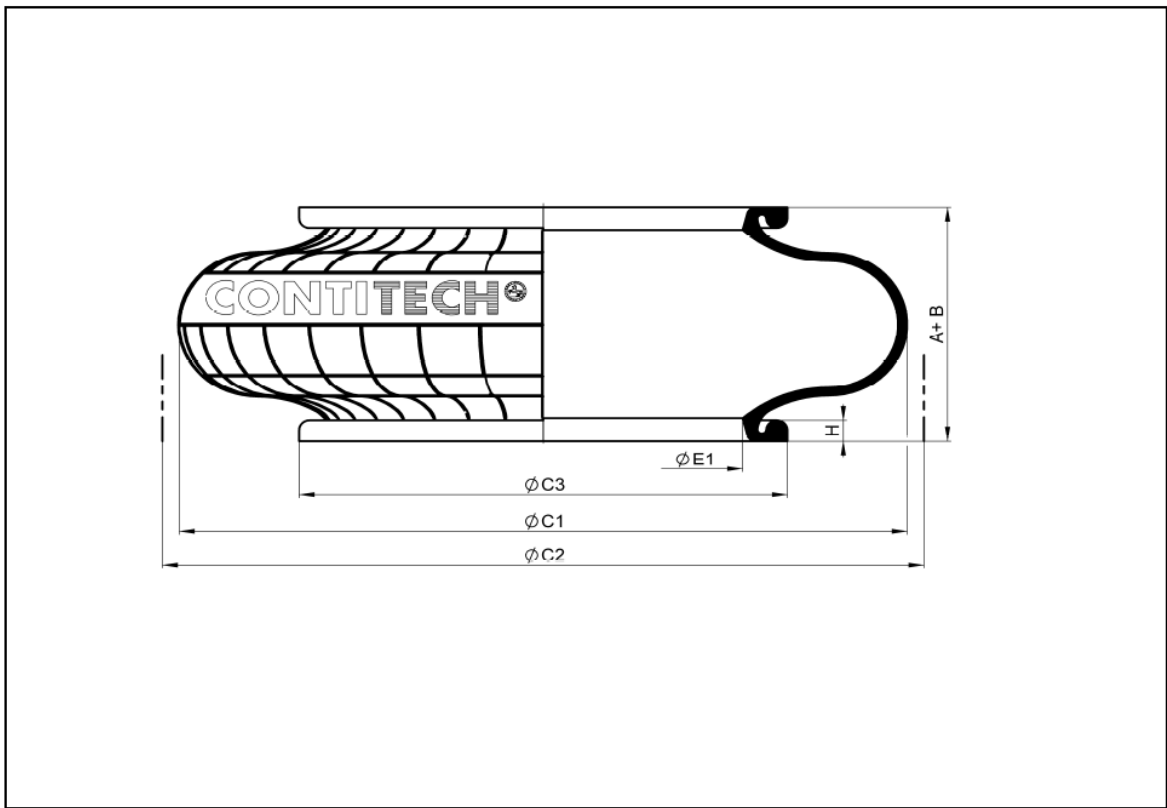


FS 310-12 S

Single Convolution Air Actuator



Purchase order data

Type	Order No.
standard quality	68220
High temperature quality (ECO)	68221

Technical data

Min. pressure	0 bar
Return force to min. height	≤ 120 N
Overall weight, standard quality	1.0 kg
Overall weight, High temperature quality	1.4 kg

A	Minimum height	55 mm
B	Maximum stroke	120 mm
C1	Maximum diameter	320 mm
C2	Installation space needed	335 mm
C3	Bead diameter	172 mm
E1	Inner-∅ sealing and mounting surface	131 mm
H	Height of bead	11 mm
	Maximum loading capacity (7bar / 115mm)	26.8 kN
	Maximum lifting pressure	8 bar

Remarks

FS 310-12 Replacement for Phoenix 1 B20
FS 310-12 ECO Replacement for Phoenix 1 B20-4

Make sure that the bead rings do fit to the bellow.
Improper bead rings may cause bodily injury and / or property damage.

Air Spring Systems

Measuring procedure: Room temperature / Force-height-data quasistatic / Dynamic data at 1 Hz