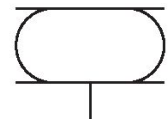


AVENTICS Series BCC Bellow actuators

The AVENTICS Series BCC cylinders are bellow cylinders with removable mounting parts. Users have the option of replacing the rubber bellows themselves. Mounting via internal thread or threaded bolt.

- Bellows actuators with removable connectors
- Permit high forces in small installation space
- Enables angular movements and axial offset



Technical data

Industry	Industrial
Bellows	triple
Type	Bellow actuator with mounting ring and cover
Functional principle	Single-acting, retracted without pressure
Compressed air connection	G 1/4
Cover diameter	78 mm
Feature	2 3/4x3
Max. permissible angle of tilt	30 °
Max. effective stroke	50 mm
Min. radial installation space	95 mm
Min. installation height	80 mm
Max. installation height	130 mm
Min. force	900 N
Max. force	2050 N
Min. working pressure	0 bar
Max. working pressure	8 bar
Min. ambient temperature	-30 °C
Max. ambient temperature	90 °C
Medium	Compressed air

Reduced service life at a temperature greater than	70 °C
Pressure for determining forces	6 bar
Weight	0.55 kg

Material

Material bellow	Chloroprene rubber
Material front cover	Aluminum
Part No.	R412020598

Technical information

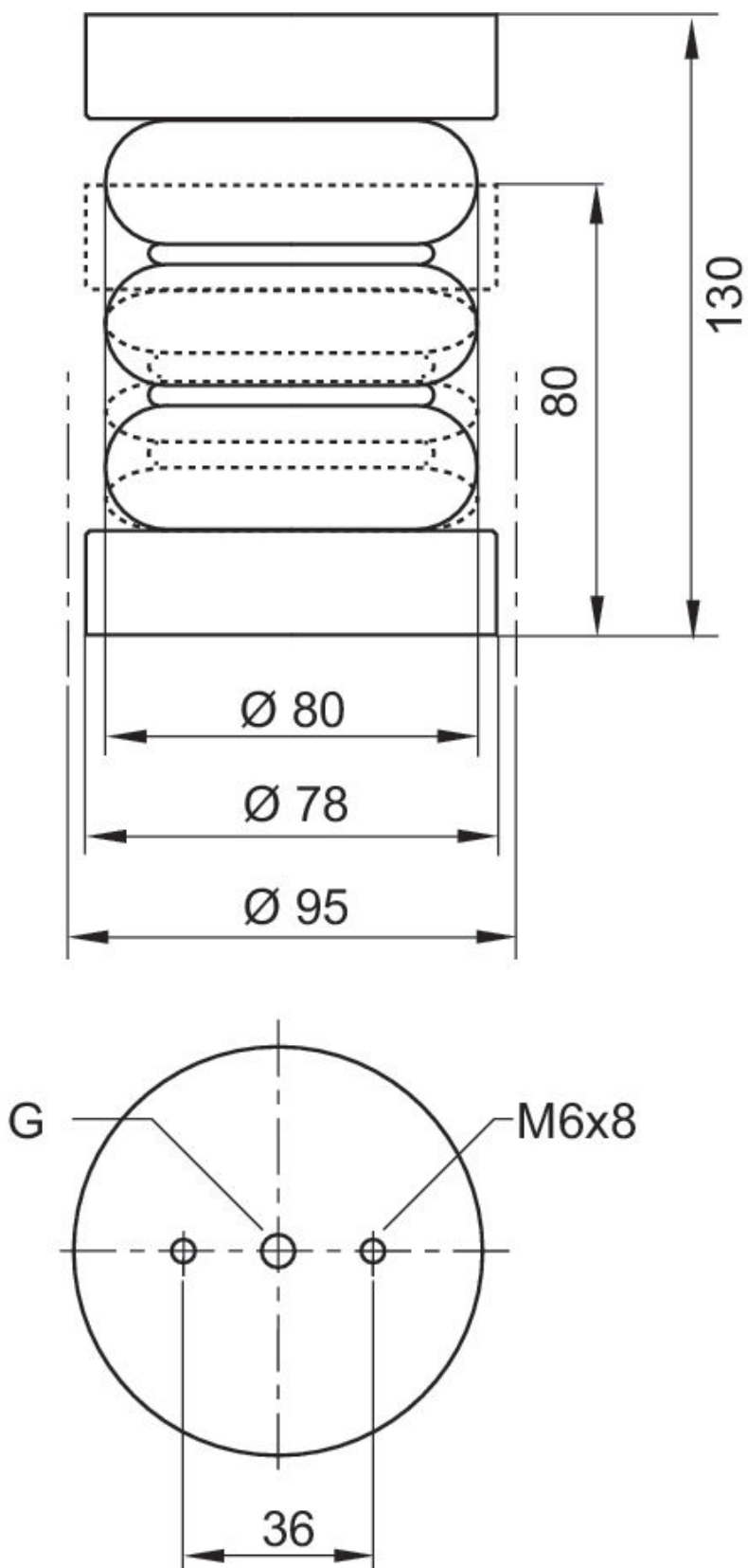
Compliance with the minimum height H min. as well as the maximum height H max. must be ensured with end stops.

Use at operating height $\geq H_{max}$: only permitted upon approval by AVENTICS

Further information on vibration isolation can be found in the "Technical information" document (available in the MediaCentre).

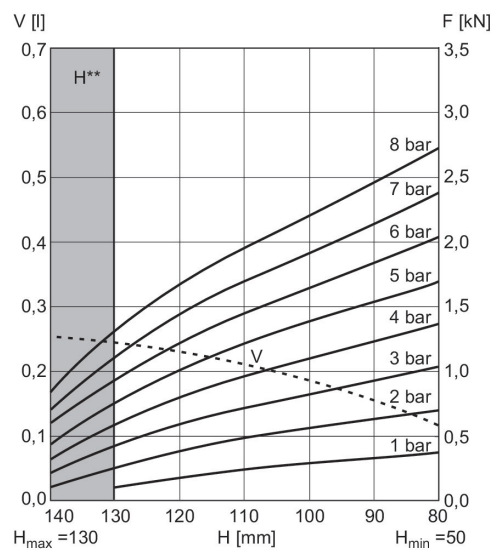
The bellow can be exchanged.

Dimensions



Force-displacement diagram

R412020598



V = volume H = height H^{**} = use permitted only upon approval by AVENTICS
 1 kN = 1000 N