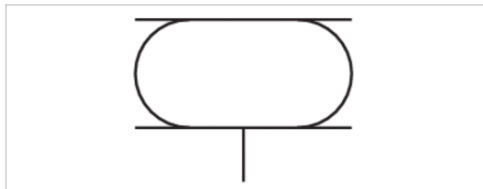


Series BCC

- double

- Stroke 39-275 mm



Type

Functional principle

Working pressure min./max.

Ambient temperature min./max.

Medium

Permissible angle of tilt max.

Pressure for determining forces

Weight

Bellow actuator with mounting ring and cover

Single-acting, retracted without pressure

0 ... 8 bar

See table below

Compressed air

25 °

6 bar

See table below

Technical data

Part No.	Cover diameter	Compressed air connection	Max. effective stroke
		G	
R412020591	78 mm	G 1/4	39 mm
R414000188	110 mm	G 3/8	75 mm
3999791030	152,5 mm	G 1/2	95 mm
R412020592	153,5 mm	G 1/2	95 mm
R412020593	184 mm	G 1/2	145 mm
R412020594	210 mm	G 1/2	170 mm
R412020595	260 mm	G 1/2	170 mm
R412020596	310 mm	G 1/2	215 mm
R412020597	310 mm	G 1/2	275 mm

Part No.	Min. radial installation space	Feature	Ambient temperature min./max.
R412020591	95 mm	2 3/4x2	-30 ... 90 °C
R414000188	140 mm	4 1/2x2	-30 ... 90 °C
3999791030	195 mm	6x2	-30 ... 90 °C
R412020592	195 mm	6x2	-30 ... 90 °C
R412020593	245 mm	8x2	-40 ... 70 °C
R412020594	300 mm	10x2	-40 ... 70 °C
R412020595	350 mm	12x2	-40 ... 70 °C
R412020596	425 mm	14 1/2x2	-40 ... 70 °C
R412020597	460 mm	16x2	-40 ... 70 °C

Part No.	Material	Material	Force min./max.	Weight
	Bellow	Cap		
R412020591	Chloroprene rubber	Aluminum	800 ... 2200 N	0,5 kg
R414000188	Chloroprene rubber	Aluminum	2400 ... 5700 N	1 kg
3999791030	Chloroprene rubber	Aluminum	4200 ... 11000 N	1,8 kg
R412020592	Chloroprene rubber	Steel galvanized	4800 ... 10800 N	2,6 kg
R412020593	caoutchouc/butadiene caoutchouc	Steel galvanized	6500 ... 18000 N	3,5 kg
R412020594	caoutchouc/butadiene caoutchouc	Steel galvanized	12000 ... 26000 N	4,7 kg
R412020595	caoutchouc/butadiene caoutchouc	Steel galvanized	20000 ... 39500 N	6,6 kg
R412020596	caoutchouc/butadiene caoutchouc	Steel galvanized	29000 ... 59500 N	8,3 kg
R412020597	caoutchouc/butadiene caoutchouc	Steel galvanized	36000 ... 62500 N	8,8 kg

Part No.	Fig.
R412020591	Fig. 1
R414000188	Fig. 2
3999791030	Fig. 3
R412020592	Fig. 4
R412020593	Fig. 4
R412020594	Fig. 4
R412020595	Fig. 4
R412020596	Fig. 4
R412020597	Fig. 4

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).

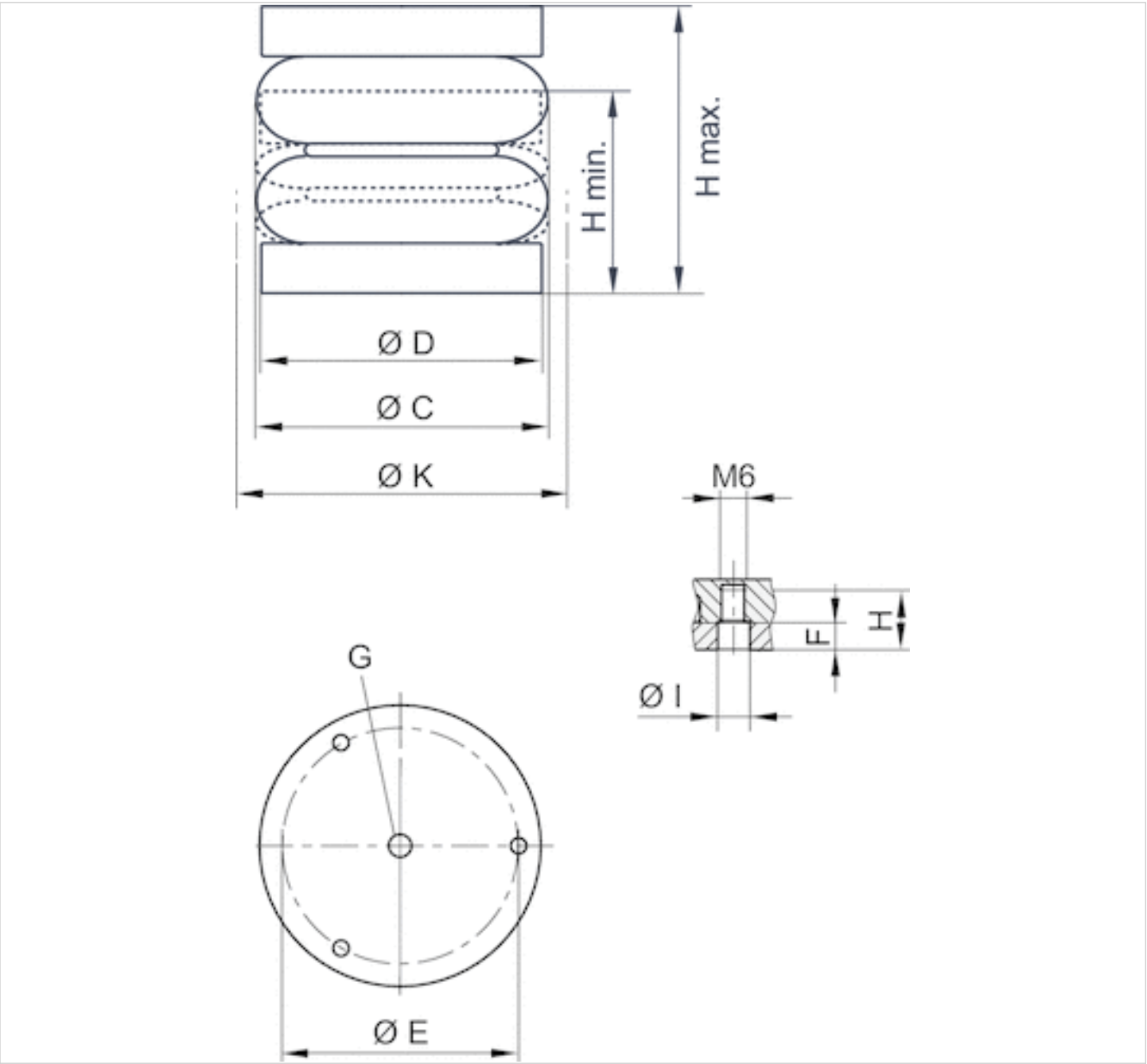
The bellow can be exchanged.

Technical information

Material	
Bellow	Chloroprene rubber caoutchouc/butadiene caoutchouc
Front cover	Aluminum Steel, galvanized
End cover	Aluminum Steel, galvanized

Dimensions

Fig. 2



Dimensions

Part No.	Compressed air connection G	H min. mm	H max. mm	C mm	D mm
R414000188	G 3/8	65 mm	140 mm	128 mm	110 mm

E ±0,5 [mm]	K mm	Return force, min. N
93	140 mm	150 N