

AVENTICS Series BSA Bellow suction grippers

AVENTICS Series BSA bellow suction grippers are suitable for workpieces with curved or inclined surfaces, as well as to compensate for height tolerances or to handle large-surface, non-rigid components such as large, thin sheets.



Technical data

Industry	Industrial
Min. ambient temperature	-30 °C
Max. ambient temperature	180 °C
Temperature resistance	Heat resistant
Temporary ambient temperature (<30 s) min.	-50 °C
Temporary ambient temperature (<30 s) max.	220 °C
Compressed air connection	M5
external diameter	5 mm
Holding force	0.1 N
Separation force	0.8 N
Volume	0.033 cm ³
Max. curving on object R min	8 mm
Abrasion value according to DIN 535 16	180-200 mm ³
Hardness according to standard	55 ± 5 Shore A
Connection thread type	External thread
Material connector	Aluminum
Suction unit material	Fluoromethyl silicone
Delivery unit	2 piece
Weight	0.0047 kg

Bellow suction gripper, BSA series

2024-03-15

1820415171

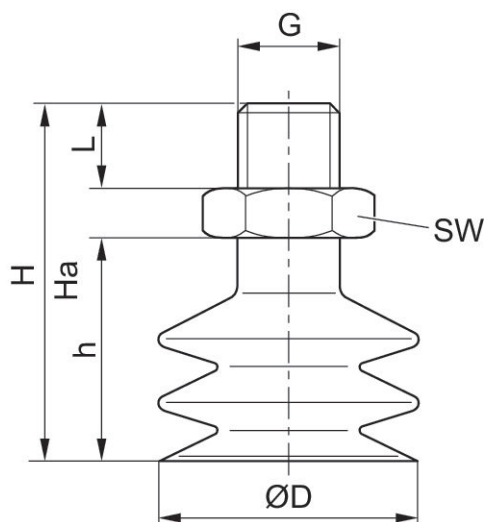
Part No.

1820415171

Technical information

To be used on uneven, sensitive, and smooth to slightly rough surfaces.

Dimensions



Part No.	ØD	G	Ha*)	H	h	SW	L
1820415171	5	M5	21	24	13.5	8	5
1820415108	5.9	G 1/8	23.5	27.5	14	14	7.5
1820415076	9	G 1/8	25.5	28.5	15	14	7.5
1820415080	14.5	G 1/8	26.5	35.5	22	14	7.5
1820415084	17.2	G 1/8	26.5	35.5	22	14	7.5
1820415088	20	G 1/8	26.5	35.5	22	14	7.5
1820415092	32	G 1/4	37.5	52.5	37.5	17	11
1820415096	42.6	G 1/4	41	61	46	17	11
1820415100	62.2	G 1/4	41	70	55	17	11
1820415104	89	G 1/4	69	103	88	21	11

*) Height for vacuum operation