

AVENTICS Series BSG Bellow suction grippers

AVENTICS Series BSG 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	G 1/4
external diameter	50 mm
Holding force	51.3 N
Separation force	95 N
Volume	26.25 cm ³
Max. curving on object R min	75 mm
Abrasion value according to DIN 535 16	180-200 mm ³
Hardness according to standard	55 ± 5 Shore A
Connection thread type	Internal thread
Material connector	Aluminum
Suction unit material	Fluoromethyl silicone
Delivery unit	1 piece
Weight	0.027 kg

Bellow suction gripper, BSG series

2024-03-15

1820415050

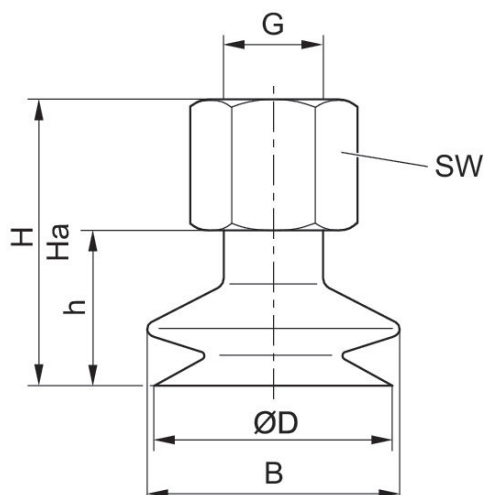
Part No.

1820415050

Technical information

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

Dimensions



Part No.	ØD [mm]	G	Ha*)	H	h	B	SW
1820415030	10.4	G 1/8	24	28	16	12	14
1820415034	15.6	G 1/8	24	31	19	17	14
1820415038	20	G 1/8	25	31	19	24	14
1820415042	30	G 1/4	33	42	27	36	17
1820415046	38	G 1/4	33	43	28	46	17
1820415050	50	G 1/4	37	49	34	59	17
1820415054	74	G 1/4	48	62	47	83	21
2734110100	111	G 1/2	40.5	69.5	58	122	–
2734150100	150	G 1/2	52	89.5	77	167	–

*) Height for vacuum operation