

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	-10 °C
Max. ambient temperature	70 °C
Temporary ambient temperature (<30 s) min.	-30 °C
Temporary ambient temperature (<30 s) max.	120 °C
Compressed air connection	G 1/4
external diameter	74 mm
Holding force	137.4 N
Separation force	218 N
Volume	76 cm ³
Max. curving on object R min	70 mm
Abrasion value according to DIN 535 16	100-120 mm ³
Hardness according to standard	55 ± 5 Shore A
Connection thread type	Internal thread
Material connector	Aluminum
Suction unit material	Acrylonitrile butadiene rubber
Delivery unit	1 piece
Weight	0.071 kg
Part No.	1820415056

Bellow suction gripper, BSG series

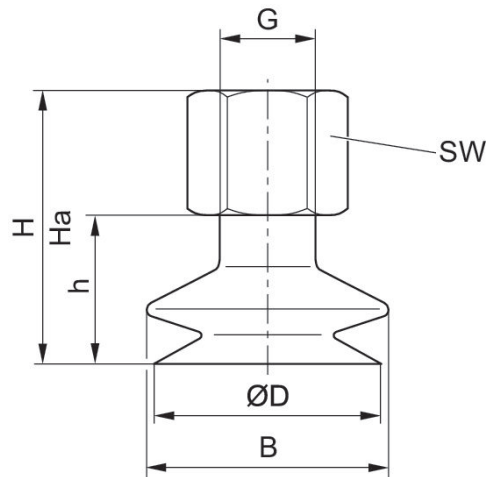
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Technical information

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

Dimensions



Part No.	ØD [mm]	G	Ha ^{*)}	H	h	B	SW
1820415032	10.4	G 1/8	24	28	16	12	14
1820415036	15.6	G 1/8	24	31	19	17	14
1820415040	20	G 1/8	25	31	19	24	14
1820415044	30	G 1/4	33	42	27	36	17
1820415048	38	G 1/4	33	43	28	46	17
1820415052	50	G 1/4	37	49	34	59	17
1820415056	74	G 1/4	48	62	47	83	21
2734110000	111	G 1/2	40.5	69.5	58	122	–
2734150000	150	G 1/2	52	89.5	77	167	–

^{*)} Height for vacuum operation