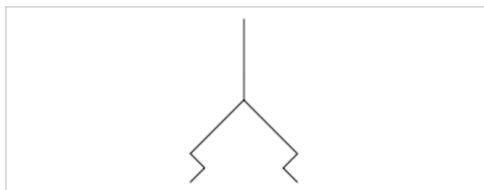


Bellow suction gripper, BSG series

- $F = 0.95\text{--}137.4\text{ N}$
- external diameter 10.4–74 mm
- External thread
- Heat resistant



Ambient temperature min./max. -30 ... 180 °C
 Min./max. temporary ambient temperature (30 s) -50 ... 220 °C
 Hardness according to standard 55 ± 5 Shore A
 Abrasion value according to DIN 535 16 180–200 mm³
 Weight See table below

Technical data

Part No.	Compressed air connection	external diameter	Holding force	Separation force	Volume
			*)		
1820415029	G 1/8	10,4 mm	0,95 N	3,8 N	0,23 cm³
1820415033	G 1/8	15,6 mm	2,3 N	6,7 N	0,75 cm³
1820415037	G 1/8	20 mm	5,7 N	15,2 N	1,4 cm³
1820415041	G 1/4	30 mm	13,6 N	39,6 N	4,75 cm³
1820415045	G 1/4	38 mm	22,8 N	64,5 N	9,25 cm³
1820415049	G 1/4	50 mm	51,3 N	95 N	26,25 cm³
1820415053	G 1/4	74 mm	137,4 N	218 N	76 cm³

Part No.	Max. curving on object Rmin	Delivery unit	Weight
1820415029	10 mm	2 piece	0,005 kg
1820415033	20 mm	2 piece	0,006 kg
1820415037	25 mm	1 piece	0,006 kg
1820415041	40 mm	1 piece	0,016 kg
1820415045	60 mm	1 piece	0,019 kg
1820415049	75 mm	1 piece	0,027 kg
1820415053	70 mm	1 piece	0,071 kg

*) Theoretical value at 60% vacuum level, without safety factor

Technical information

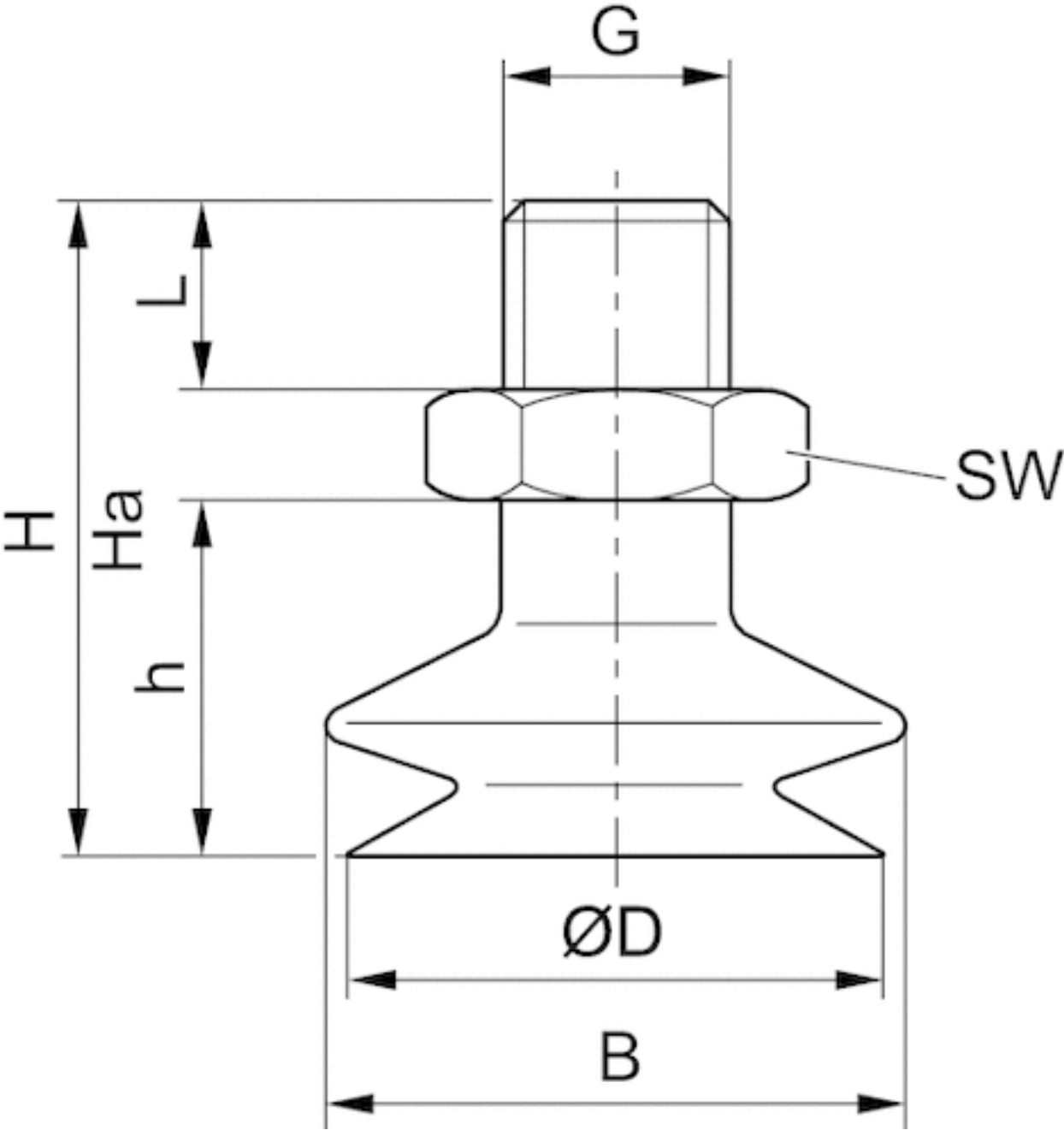
To be used on uneven, sensitive, and smooth to slightly rough surfaces.

Technical information

Material	
Connector	Aluminum
Vacuum	Fluoromethyl silicone

Dimensions

Dimensions



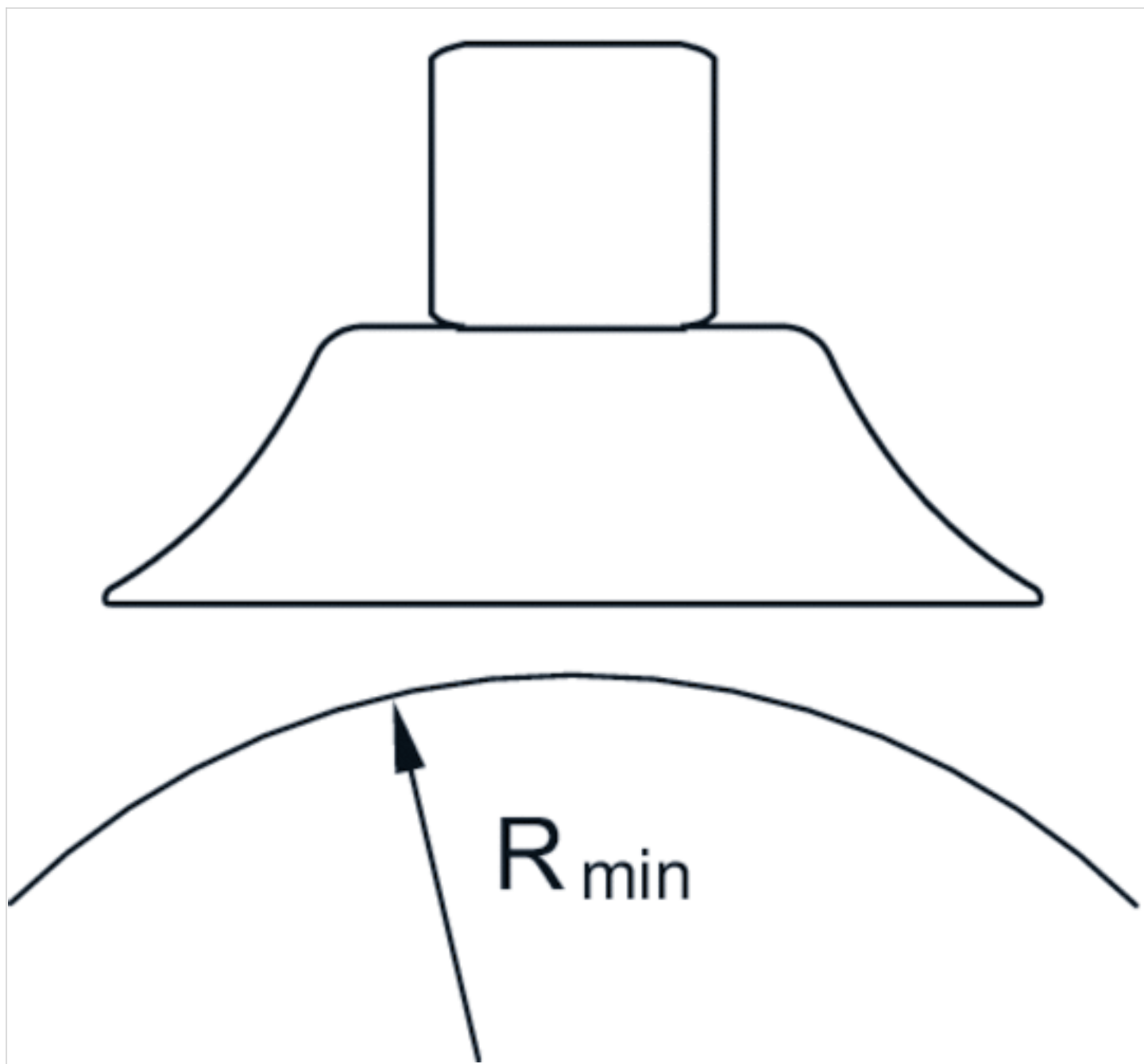
Dimensions

Part No.	ØD	G	Ha*)	H	h	B	SW	L
1820415029	10,4 mm	G 1/8	25.5	29.5	16	12	14	7.5
1820415033	15,6 mm	G 1/8	25.5	32.5	19	17	14	7.5
1820415037	20 mm	G 1/8	27.5	32.5	19	24	14	7.5
1820415041	30 mm	G 1/4	33	42	27	36	17	11
1820415045	38 mm	G 1/4	33	43	28	46	17	11
1820415049	50 mm	G 1/4	37	49	34	59	17	11
1820415053	74 mm	G 1/4	50	64	47	83	21	11

*) Height for vacuum operation

Diagrams

Max. curving on object R_{min}



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