

Bellows suction cup

S.B65S50.G14M.00



- ▶ The lifting movement can be used to separate small and thin objects.
- ▶ Only lightweight objects should be handled when the lifting force is parallel to the surface of the object, in order to achieve good precision and safe lifting movement.
- ▶ Suitable for level adjustment. Several short bellows in one lifting device can handle objects with height differences and varying shapes, for example embossed or corrugated plates.

Lifting force

Description	Vertical			Parallel		
	20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa
Lifting forces	53.8 N	101.7 N	136.6 N	58.7 N	113.5 N	139.7 N

Technical data

Description	Unit	Value
Internal volume	cm ³	46.2
Weight	g	42
Min. curve radius -60 kPa	mm	30.0
Max. vertical movement	mm	18.5
Application	-	Dry sheet metal, Corrugated / cardboard,
Material	-	Silicone (SIL)
Colour	-	Red
Suction cup model	-	B
Suction cup shape	-	Bellows
Hardness °Shore A	-	50 °Shore A
Temperature range (°C)	°C	-40 – 200
Actuated outer diameter, max	mm	70

Fitting

Description	Value
Fitting size	1/4"
Fitting style	Male
Fitting type	G-Thread
Fitting material	Al, NBR , TPE
Fitting option	None
Temperature range (°C)	-20-60/100*

*Max. Temperature short term contact, <10 seconds and 50% intermittence, ambient temperature 15-30°C, mechanical properties will start to degrade.

Material resistance , Silicone, SIL

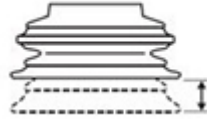
Description	Value
Alcohol	Good
Concentrated Acids	Poor
Ethanol	N/A
Hydrolysis	Fair
Methanol	N/A
Oil	Poor
Oxidation	Excellent
Petrol	Poor
Wear Resistance	Good
Weather & Ozone	Excellent

Values specified in data sheet are tested at:

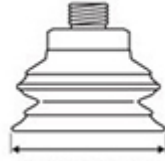
- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.



Internal volume



Max. vertical movement

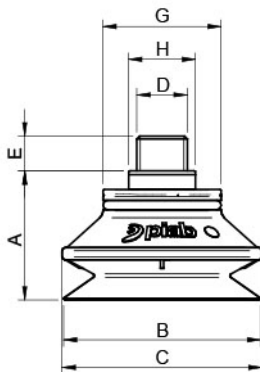


Diameter lip



Min. curve radius -60 kPa

Dimensional drawing



Product code	Description	Unit	Value
A	Building height	mm [inch]	42.5 [1.67"]
B	Diameter lip	mm [inch]	65.0 [2.56"]
C	Diameter (bellow)	mm [inch]	66.0 [2.60"]
D	Thread	-	G1/4"
E	Thread height	mm [inch]	9.0 [0.35"]
G	Diameter (upper part cup)	mm [inch]	39.0 [1.54"]
H	Keygrip	mm	SW 22

Ordering information

Description	Product code
Bellocs suction cup, Ø 65mm, Silicone, SIL, 50 °Shore A, G-Thread, 1/4", Male, None	S.B65S50.G14M.00

Ordering information, spare parts

Description	Art. No.
Suction cup B65 Silicone	0216709

Ordering information, accessories

Description	Art. No.
Suction cup B65 Nitrile-PVC	0216713
Suction cup B65 Silicone FCM	0216712

Storage guidelines (scan QR code)

