

SBL Series

AIRBEST

4.5 Bellows Suction Cup



FOOD
PACKAGING



PLASTIC BAG



FDA

RoHS

Features

- ◇ 4.5 Bellows
- ◇ Thin sealing lip
- ◇ Food grade silicone

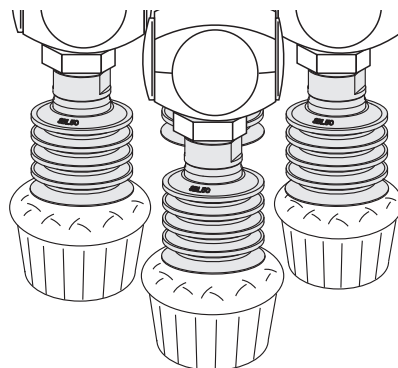
Advantages

- ◇ Suitable for handling workpieces with irregular shape
- ◇ Grabbing soft package with good airtightness
- ◇ Direct contact with food



Applications

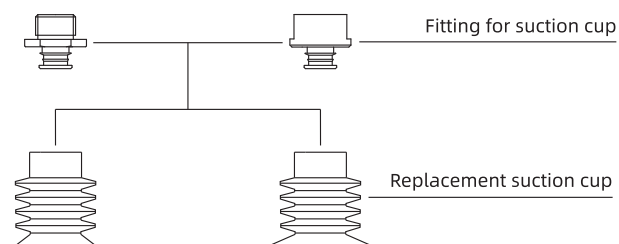
- ◇ Handling very soft products, such as plastic bags, aluminum foil bags, etc
- ◇ Handling fragile products, such as glass, egg, etc
- ◇ Handling food, such as bread, biscuits, etc
- ◇ Grabbing package bags containing solid products, powder or liquid safely



Structure

- ◇ Multiple bellows, large compressed stroke
- ◇ Suction cup and fitting are split structure design, wearing parts can be replaced separately

In same series, replacement suction cup and fitting can be combined on request.



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Suction Cup

How to order

SBL 15 S - M5M

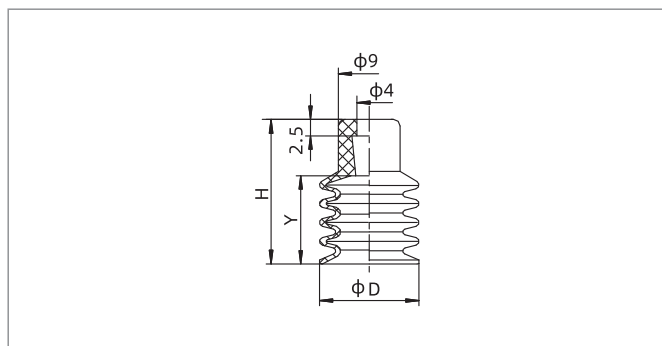
① ② ③ ④

① Series	② Diameter	③ Material & Hardness	④ Connection thread
SBL	15 - ϕ 15mm	N - NBR 55	Nil - Suction cup only
	20 - ϕ 20mm	S - Silicone 50	G1F - G1/8 female thread
	30 - ϕ 30mm	WS - White silicone 50	G2F - G1/4 female thread
	40 - ϕ 40mm		G3F - G3/8 female thread
	50 - ϕ 50mm		
			M5M - M5x0.8 male thread
			G1M - G1/8 male thread
			G2M - G1/4 male thread
			G3M - G3/8 male thread

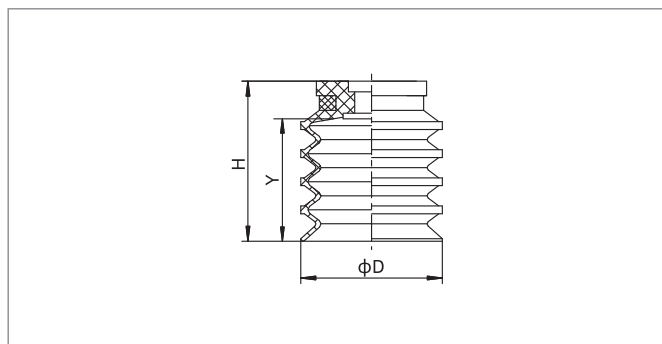
Selection

Model	Connection thread M - Male thread	F - Female thread	MPQ pcs
SBL15□	SBL15□-M5M	-	5
SBL20□	SBL20□-G1M	SBL20□-G1F	5
SBL30□	SBL30□-G1M	SBL30□-G1F	1
SBL40□	SBL40□-G1M	SBL40□-G1F	1
SBL50□	SBL50□-G2M SBL50□-G3M	SBL50□-G2F SBL50□-G3F	1

Dimensions(mm) - Suction cup only



SBL15



SBL20-50

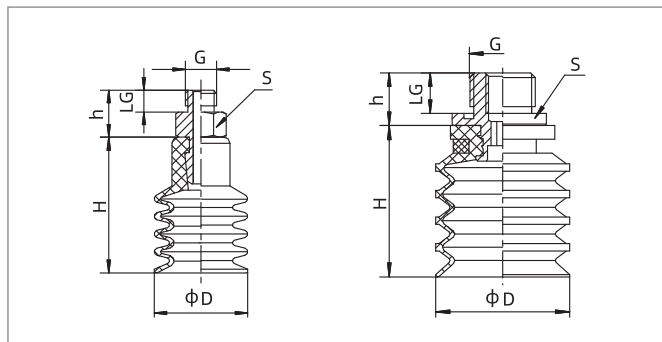
Model/Size	D	H	Y	Weight g
SBL15□	15.5	21.5	13.5	12

Model/Size	D	H	Y	Weight g
SBL20□	20	23	17.5	2.3
SBL30□	30	32	25.5	5.8
SBL40□	40	42	34.5	12.4
SBL50□	50	52	40	20.9

SZ
SP3
SUF
SAN
SAO
SOFA
STP
SFT
SFA
SBL
SBLP
SBS
SFP
SBP
SXP
SGP
SBOF
STC
SFF
SOB
SOF
SOG
SFM
SOM
SBF
SDM
SFU
SFK
SHT
SDL
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SPC
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SPU
SH
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SOP
SNP

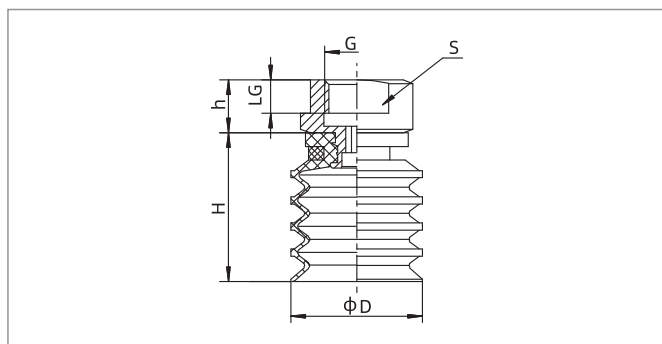
4.5 Bellows Suction Cup

Dimensions(mm) - Suction cup with fitting



SBL - Male thread connection

Model/Size	D	H	h	G	LG	S
SBL15□-M5M	15.5	21.5	9	M5×0.8	5	7
SBL20□-G1M	20	23	7.8	G1/8	6	13
SBL30□-G1M	30	32	12	G1/8	6	17
SBL40□-G1M	40	42	12	G1/8	6	17
SBL50□-G2M	50	52	17	G1/4	9	24
SBL50□-G3M	50	52	18	G3/8	10	24



SBL - Female thread connection

◇ Note: The dimensional tolerance conforms to GBT3672.1-2002-1 M3 rubber product dimensional tolerance standard

Model/Size	D	H	h	G	LG	S
SBL20□-G1F	20	23	8	G1/8	7	13
SBL30□-G1F	30	32	10	G1/8	7	17
SBL40□-G1F	40	42	10	G1/8	7	17
SBL50□-G2F	50	52	13	G1/4	10	24
SBL50□-G3F	50	52	13	G3/8	11	24

Mounting parts

Item	Model M - Male thread	F - Female thread	Applicable suction cup
Fitting for suction cup	PJS-M5M-SC3	-	SBL15
	PJS-G1M-SF1	PJS-G1F-SF1	SBL20
	PJS-G1M-SF2	PJS-G1F-SF2	SBL30,40
	PJS-G2M-SF3	PJS-G2F-SF3	SBL50
	PJS-G3M-SF3	PJS-G3F-SF3	SBL50