SBL Series

4.5 Bellows Suction Cup

FOOD PACKAGING | PLASTIC BAG | FDA

RoHS

Features

◇ 4.5 Bellows
◇ Thin sealing lip
◇ Food grade silicone

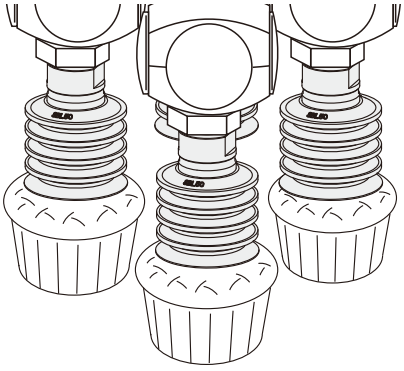


Advantages

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

Applications

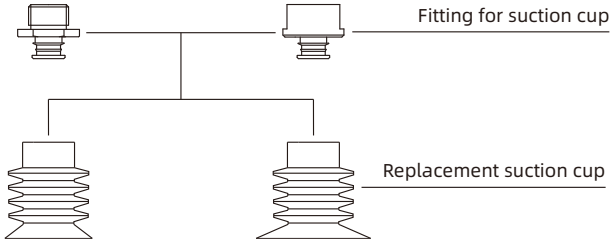
◇ Handling very soft products,such as plastic bags, aluminum foil bags, etc
◇ Handling fragile products, such as glass, egg, etc
◇ Handling food, such as bread, biscuits, etc
◇ Grabbing package bags containing solid products, powder or liquid safely



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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How to order

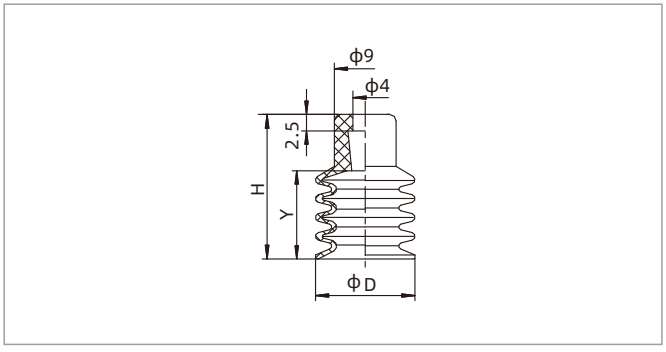
SBL 15 S - M5M
① ② ③ ④

① Series	② Diameter	③ Material & Hardness		④ Connection thread	
SBL	15 - ϕ15mm	N - NBR	55	Nil - Suction cup only	M5M - M5×0.8 male thread
	20 - ϕ20mm	S - Silicone	50	G1F - G1/8 female thread	G1M - G1/8 male thread
	30 - ϕ30mm	WS - White silicone	50	G2F - G1/4 female thread	G2M - G1/4 male thread
	40 - ϕ40mm			G3F - G3/8 female thread	G3M - G3/8 male thread
	50 - ϕ50mm				

Selection

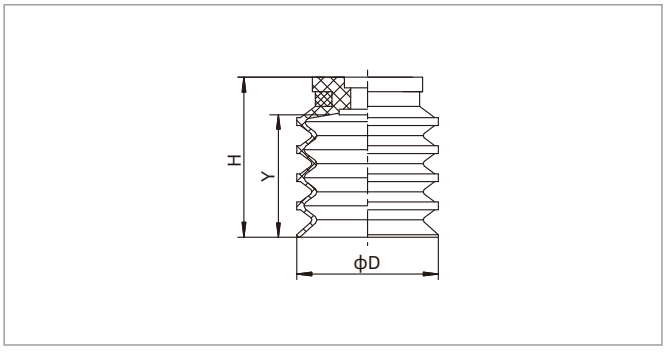
Model	Connection thread M - Male thread		F - Female thread		MPQ pcs
SBL15□	SBL15□-M5M		-		5
SBL20□	SBL20□-G1M		SBL20□-G1F		5
SBL30□	SBL30□-G1M		SBL30□-G1F		1
SBL40□	SBL40□-G1M		SBL40□-G1F		1
SBL50□	SBL50□-G2M	SBL50□-G3M	SBL50□-G2F	SBL50□-G3F	1

Dimensions(mm) - Suction cup only



SBL15

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



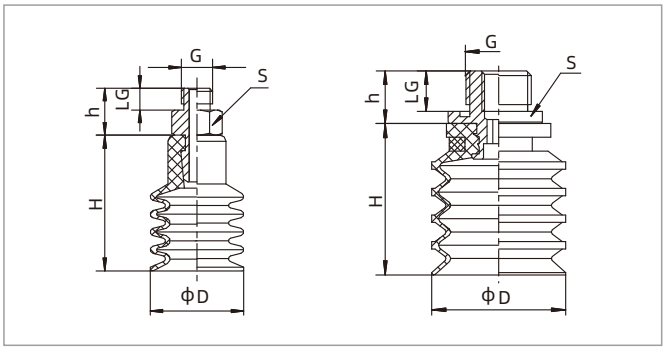
SBL20-50

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

SBL Series

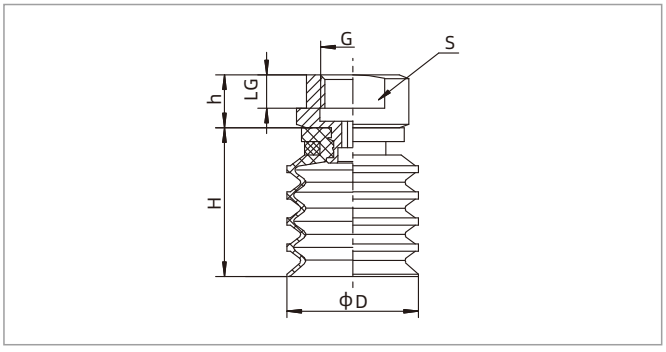
4.5 Bellows Suction Cup

Dimensions(mm) - Suction cup with fitting



SBL - Male thread connection

Model/Size	D	H	h	G	LG	S
SBL15□-M5M	15.5	21.5	7.5	M5×0.8	3.5	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

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

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

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