

SBL Series

4.5 Bellows Suction Cup

AIRBEST



RoHS

Suction Cup

Features

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

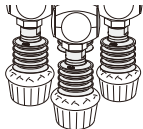
Advantages

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



Applications

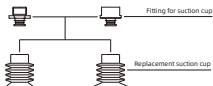
- ◇ Handling very soft products, such as plastic bags, aluminum foil bags, etc
- ◇ Handling fragile products, such as glass, egg, etc
- ◇ Handling food, such as bread, biscuits, etc
- ◇ Grabbing package bags containing solid products, powder or liquid safely



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.



SZ
SP3
SUF
SAN
SAO
SOFA
STP
SFT
SFA
SBT
SBL
SBLP
SBS
SFP
SBP
SXP
SGP
SBOP
STC
SFF
SOB
SOF
SDG
SFA
SOM
SBP
SOM
SPU
SFK
SHT
SOL
SPG
SFGT
SFD
SB
SBA
SF
SU
SPBF
SPB
SPE
SPS
SPJ
SPU
SHB
SAB
SAP
SNP

How to order

SBL 15 S - M5M

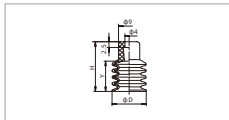
① ② ③ ④

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

Selection

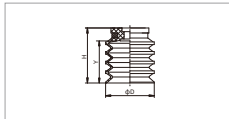
Model	Connection thread M - Male thread	F - Female thread	MPQ pcs
SBL15□	SBL15□-M5M	-	5
SBL20□	SBL20□-G1M	SBL20□-G1F	5
SBL30□	SBL30□-G1M	SBL30□-G1F	1
SBL40□	SBL40□-G1M	SBL40□-G1F	1
SBL50□	SBL50□-G2M SBL50□-G3M	SBL50□-G2F SBL50□-G3F	1

Dimensions(mm) - Suction cup only



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

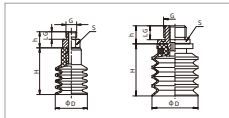
SBL15



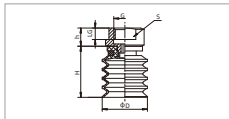
Model/Size	D	H	Y	Weight g
SBL20□	20	23	17.5	2.3
SBL30□	30	32	25.5	5.8
SBL40□	40	42	34.5	12.4
SBL50□	50	52	40	20.9

SBL20-50

Dimensions(mm) - Suction cup with fitting



SBL - Male thread connection



SBL - Female thread connection

○ Note: The dimensional tolerance conforms to GB1672.3-2002-1 M3 rubber product dimensional tolerance standard

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

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