

Features

- ◇ 4.5 Bellows suction cup,suitable for transferring objects with height differences.
- ◇ High safety for handling fragile objects.
- ◇ Handling food with plastic package.

Applications

- ◇ Egg
- ◇ Bread
- ◇ Glass cup
- ◇ product in plastic package



How to order

SBL 15 N – M5M

① ② ③ ④

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

Selection

Model/Connection thread	M5M	G1F	G1M	G2F	G2M	G3F	G3M
SBL15	●	–	–	–	–	–	–
SBL20 – 40	–	●	●	–	–	–	–
SBL50	–	–	–	●	●	●	●

◇ Note: "●"default, in stock: "–"unavailable.

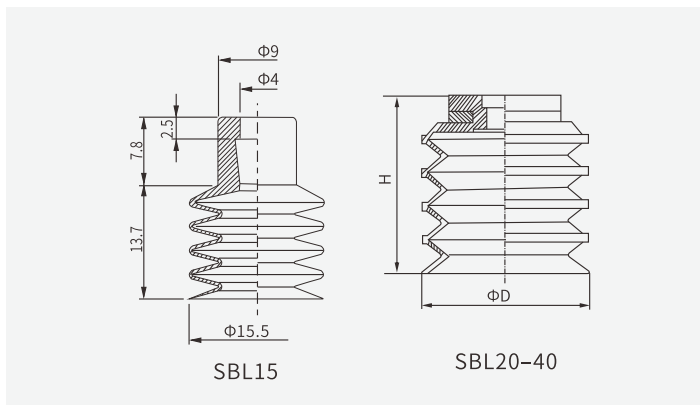
SB
SBA
SBB
SBF
SBOF
SFT
SFA
STP
SBL
SBLP
SBS
SF
SU
SUF
SFG
STU
STC
SFF
SFM
SDM
SHT
SOFA
SOB
SOF
SOG
SFP
SBP
SXP
SGP
SDL
SH
SHB
SZ
SAN
SAO
SPA
SPC
SPF
SPJ
SPU
SNP
SOP

Technical parameters

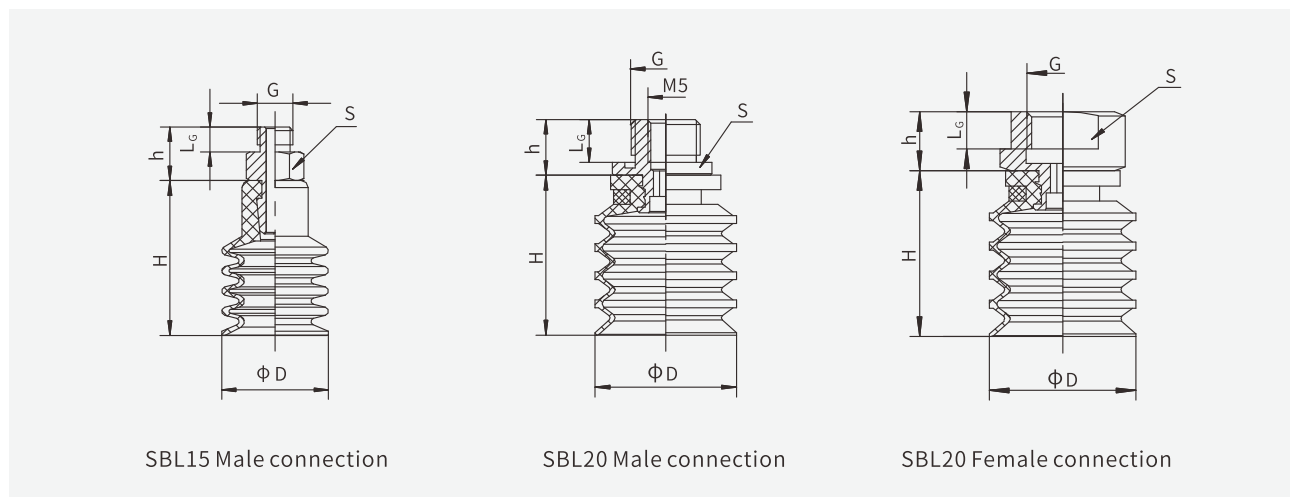
Model	Pull-out force (N)	Inner volume (cm ³)	Min. curve radius of workpiece(mm)	Recommended hose diameter(mm)
SBL15	8	1.95	12	6
SBL20	14	4	17	6
SBL30	31	13	25	6
SBL40	56	27	34	6
SBL50	88	55	42	8

◇ Note: Testing vacuum level: -60kPa. Testing Workpiece: smooth and clean surface. The data of pull-out force as above are figured out without considering safety factor. The data may be different according to different workpiece surfaces.

Dimensions(mm)



Model/Size	D	H
SBL20	20	23
SBL30	30	32
SBL40	40	42
SBL50	50	52



Mounting parts	D	H	G	L _g	h	S
SBL15-M5M	15.5	21.5	M5	5	9	7
SBL20-G1F	20	23	G1/8	7	8	13
SBL20-G1M	20	23	G1/8	6	7.8	13

SB

SBA

SBB

SBF

SBOF

SFT

SFA

STP

SBL

SBLP

SBS

SF

SU

SUF

SFG

STU

STC

SFF

SFM

SDM

SHT

SOFA

SOB

SOF

SOG

SFP

SBP

SXP

SGP

SDL

SH

SHB

SZ

SAN

SAO

SPA

SPC

SPF

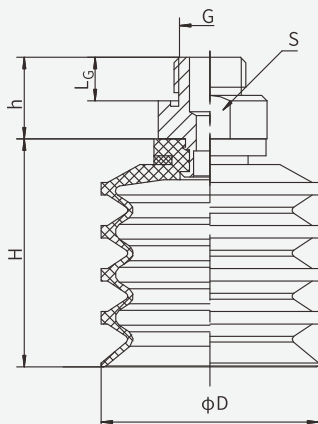
SPJ

SPU

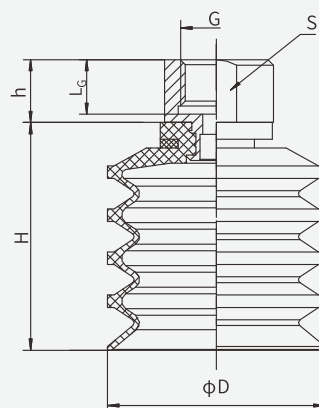
SNP

SOP

Dimensions(mm)



SBL30-50 Male connection



SBL30-50 Female connection

Model/Size	D	H	G	L _G	h	S
SBL30-G1F	30	32	G1/8	7	10	17
SBL30-G1M	30	32	G1/8	6	12	17
SBL40-G1F	40	42	G1/8	7	10	17
SBL40-G1M	40	42	G1/8	6	12	17
SBL50-G2F	50	52	G1/4	10	13	24
SBL50-G2M	50	52	G1/4	9	17	24
SBL50-G3F	50	52	G3/8	11	18	24
SBL50-G3M	50	52	G3/8	10	13	24

Mounting parts

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

◇ Note: Please refer to page 22 for mounting parts selection.