

SBB Series

AIRBEST

1.5 Bellows Big Suction Cup



HEAVY LOAD

RoHS

Features

- ◇ 1.5 Bellows
- ◇ Large area pattern support structure at bottom
- ◇ Rubber parts and metal connection plate are one-piece structure
- ◇ Suction cups with large diameter

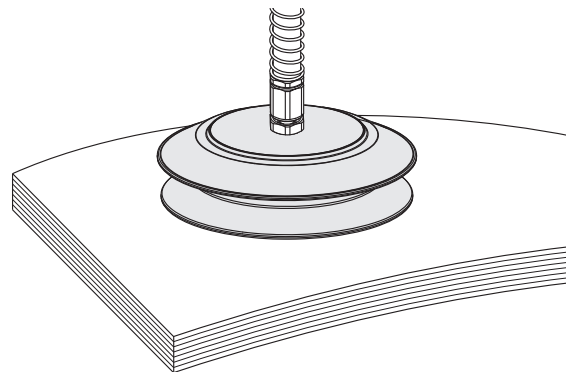
Advantages

- ◇ Easy to fit uneven surface of workpiece, and had buffer effect
- ◇ Handling thin workpiece without permanent deformation
- ◇ It will be more reliable and stable during heavy load handling
- ◇ Suitable for handling large, heavy and vulnerable workpieces



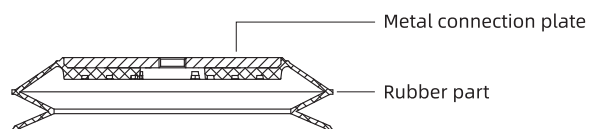
Applications

- ◇ Handling paper, metal sheet, wood plate, ceramic, etc.
- ◇ Handling workpieces with uneven surface



Structure

- ◇ One-piece structure design of suction cup and fitting
- ◇ Metal connection plate of SBB200 is with G1/2 female thread connection port
- ◇ Metal connection plate of SBB250-SBB300 is without thread hole, and it is flange plate connection structure



SBB Series

1.5 Bellows Big Suction Cup

AIRBEST

Suction Cup

How to order

SBB 200 N - G4F

① ② ③ ④

① Series	② Diameter	③ Material & Hardness	④ Connection thread
SBB	200 - $\phi 200\text{mm}$ 250 - $\phi 250\text{mm}$ 300 - $\phi 300\text{mm}$	N - NBR 60	Nil - 4- $\phi 7$ flange hole G4F - G1/2 female thread

Selection

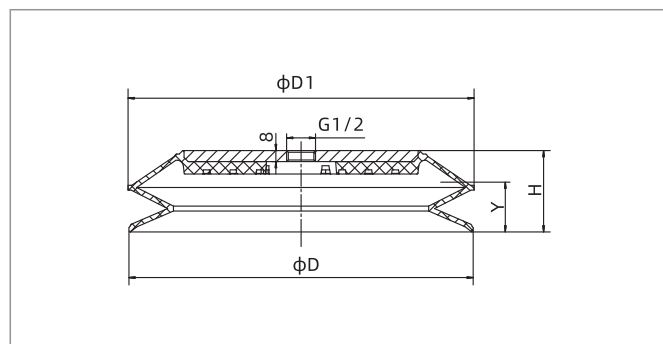
Model/Connection thread Nil - 4- $\phi 7$ flange hole	F - Female thread
-	SBB200N-G4F
SBB250N	-
SBB300N	-

Technical parameters

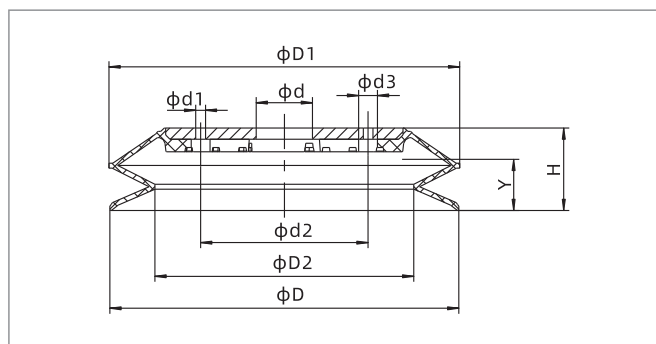
Model	Pull-out force N	Inner volume cm^3	Min. curve radius of workpiece mm	Weight g	Recommend hose dia. mm	MPQ pcs
SBB200	850	790	350	860	12	1
SBB250	1,620	1,677	480	1,012	12	1
SBB300	2,390	2,950	580	1,650	12	1

◇ Note: Testing vacuum level -60kPa, workpiece with 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. Recommend the length of vacuum hose to be as short as possible, max 2m.

Dimensions(mm)



SBB200N-G4F



SBB□N

Model/Size	D	D1	H	d	d1	d2	d3	Y
SBB200□-G4F	200	206	57	-	-	-	-	40
SBB250□	250	251	60	40	4-7	120	4-13.5	43
SBB300□	300	306	77	40	4-7	120	4-13.5	57

◇ Note: The dimensional tolerance conforms to GB/T3672.1-2002-1 M3 rubber product dimensional tolerance standard

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
SFG
SFD
SB
SBA
SF
SU
SPA
SPF
SPC
SPJ
SPU
SH
SHB
SBB
SOP
SNP