

Features

- ◇ Oval Flat structure, suitable for handling long and narrow workpiece.
- ◇ Suction cup with different materials are suitable for different workpieces.
- ◇ Various sizes, suitable for workpiece with different sizes.



Applications

- ◇ Long and narrow workpiece
- ◇ Electronic product

How to order

SAO 8×20 N

① ② ③

① Series	② Diameter	③ Material & Hardness
SAO	3.5×7 6×20	N – NBR 55 ★
	4×10 8×20	WS – White silicone 50 ★
	5×10 4×30	CN – Conductive NBR 55
	6×10 5×30	CS – Conductive silicone 55
	4×20 6×30	
	5×20 8×30	

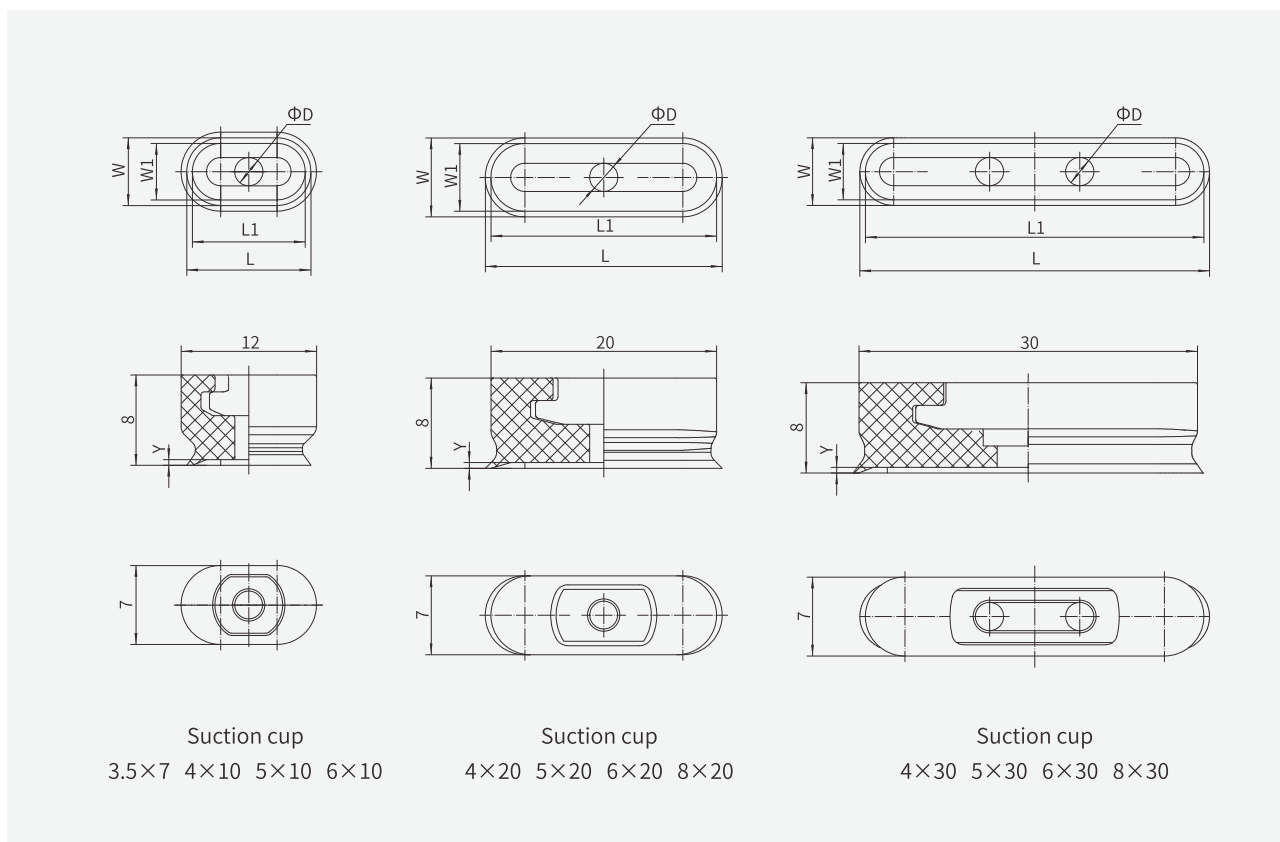
◇ Note: "★" – common material, in stock. For other materials, please consult with AIRBEST.

Technical parameters

Model	Pull-out force (N)	Inner volume (cm ³)	Min. Curve radius of workpiece(mm)	Recommended hose diameter(mm)
SAO3.5×7	0.9	<0.1	6	4
SAO4×10	1.6	<0.1	7	4
SAO5×10	2	<0.1	9	4
SAO6×10	2.4	<0.1	13	4
SAO4×20	3.2	<0.1	8	4
SAO5×20	4.2	<0.1	11	4
SAO6×20	5	<0.1	14	4
SAO8×20	6.5	<0.1	16	4
SAO4×30	5.2	<0.1	8	4
SAO5×30	6.5	<0.1	10	4
SAO6×30	7.8	<0.1	14	4
SAO8×30	10.2	0.1	18	4

◇ 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.

SB
SBA
SBB
SBF
SBOF
SFT
SFA
STP
SBL
SBLP
SBS
SF
SU
SUF
SFG
SFU
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)


Model/Size	W	L	W ₁	L ₁	D	Y
SAO3.5×7	4.5	8	3.5	7	2-1.5	0.5
SAO4×10	5	11	4	10	2-1.5	0.5
SAO5×10	6	11	5	10	2.5	0.5
SAO6×10	7	11	6	10	2.5	0.5
SAO4×20	5	21	4	20	2-1.8	0.5
SAO5×20	6	21	5	20	2-2	0.5
SAO6×20	7	21	6	20	2.5	0.5
SAO8×20	9	21	8	20	3	0.8
SAO4×30	5	31	4	30	2-1.8	0.5
SAO5×30	6	31	5	30	2-2.5	0.5
SAO6×30	7	31	6	30	2-2.5	0.5
SAO8×30	9	31	8	30	2-2.5	0.8