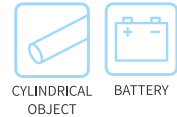


SOG Series

Concave Oval Suction Cup



Features

- ◇ Concave oval structure, suitable for cylindrical workpiece.
- ◇ The internal slot structure can effectively increase the friction force between suction cup and workpiece.

Applications

- ◇ Lithium battery
- ◇ Cylindrical workpiece
- ◇ Tubular workpiece

How to order

SOG 15×40 N - M5F

① ② ③ ④

Selection

① Series	② Dimension	③ Material & Hardness	④ Connection thread
SOG	15×40	NG - NBR 45	M5F - M5 Female thread
	35×100		M5M - M5 Male thread
			G2F - G1/4 Female thread
			G2M - G1/4 Male thread
			G3F - G3/8 Female thread
			M10M - M10 Male thread
			M14M - M14×1.5 Male thread
			RA - Rectangular adapter

Model/ Connection thread	M5F	M5M	G2F	G2M	G3F	M10M	M14M	RA
SOG15×40	●	●	—	—	—	—	—	—
SOG35×100	—	—	●	○	○	○	○	○

◇ Note: "●"- standard, in stock. "○"-selective, can be achieved in other ways (eg, adapter)."—"-unavailable.

Technical parameters

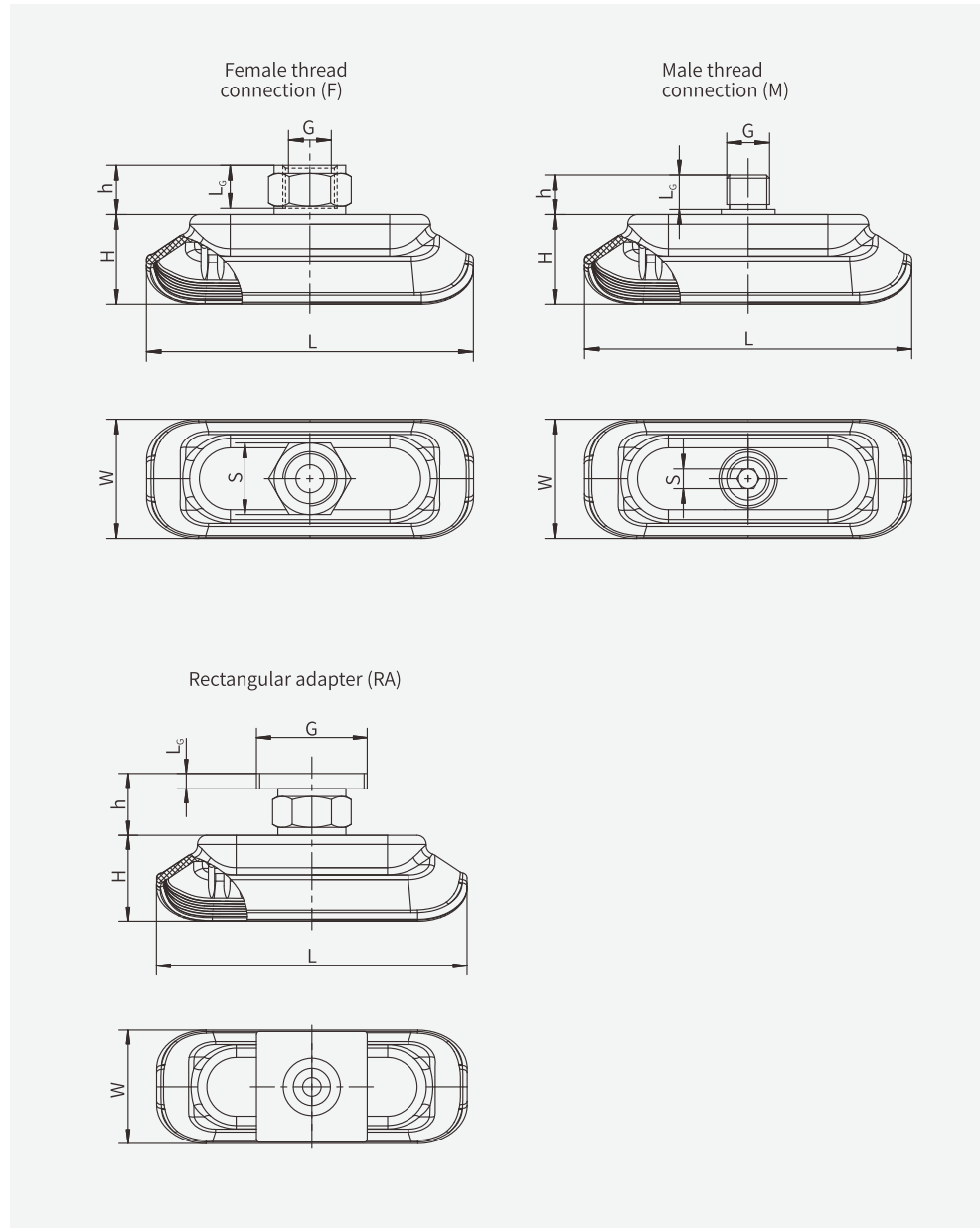
Model	Pull-out force (N)	Inner volume (cm ³)	Min. curve radius of workpiece (mm)	Recommended hose dia. (mm)
SOG15×40	22	1.3	18	6
SOG35×100	122	11	25	8

◇ 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.

SOG Series

Concave Oval Suction Cup

Dimensions (mm)



Model/ Size	L	W	H	G	L _c	h	S
SOG15×40-M5F	42	15.5	14	M5	—	—	—
M5M				M5	5	9	8
SOG35×100-G2F	100.5	36.5	28	G1/4	11	14	17
G2M				G1/4	12	13.5	5
G3F				G3/8	11	14	22
M10M				M10	12	13.5	5
M14M				M14×1.5	12	13.5	5
RA				□32	4.7	18.7	—

◇Note: Please refer to suction cup with locking fitting and level compensator on page 24.

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