

Features

- ◇ Good wear resistance and oil resistance.
- ◇ Good elasticity and high tensile strength
- ◇ PU material, suitable for handling carton and workpiece with even surface. The biggest advantage of the PU cup is that the lifetime is 2-4 times longer than other material.



Applications

- ◇ Workpiece with even surface
- ◇ Paper box

How to order

SFP 20 U – G1F

① ② ③ ④

① Series	② Diameter	③ Material & Hardness	④ Connection thread
SFP	20 – ϕ 20mm	U – PU 60	Nil – Suction cup only
	30 – ϕ 30mm	UY – PU 40	G1F – G1/8 Female thread
	40 – ϕ 40mm		G1M – G1/8 Male thread

Selection

Model/Connection thread	G1F	G1M
SFP20 – 40	●	●

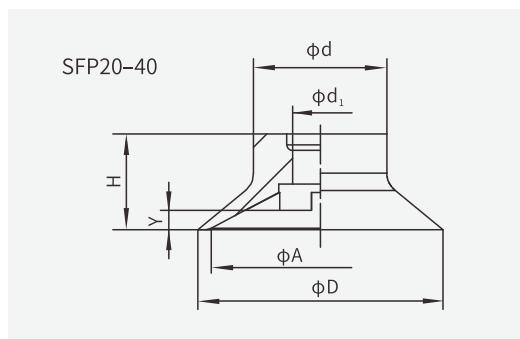
◇ Note: "●"-default, in stock.

Technical parameters

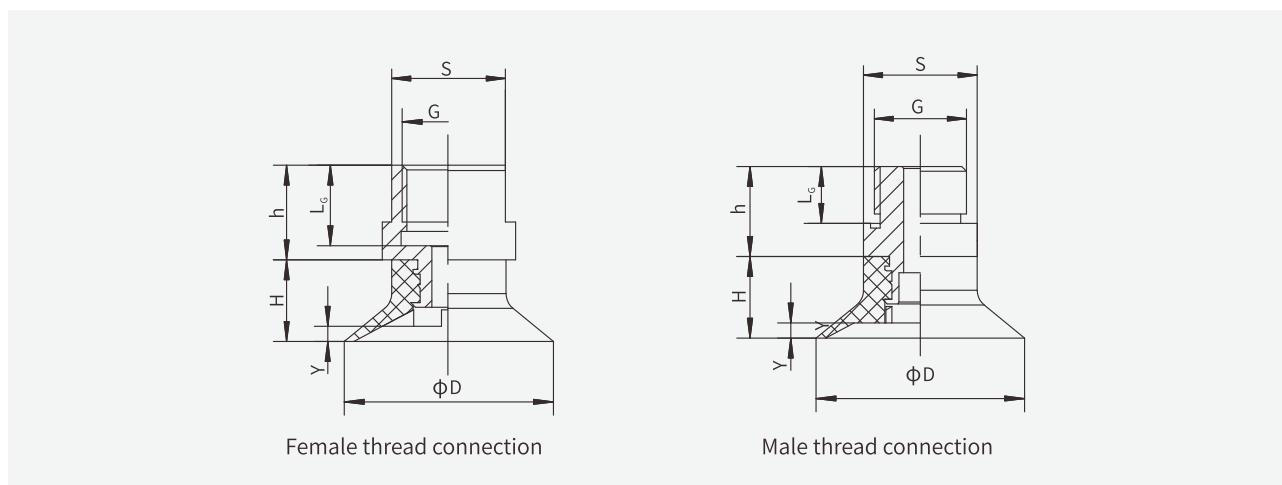
Model	Pull-out force (N)	Inner volume (cm ³)	Min. curve radius of workpiece(mm)	Recommended hose diameter(mm)
SFP20	14	0.36	24	6
SFP30	21	1	42	6
SFP40	56.5	2.7	52	6

◇ 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	A	d	d ₁	Y
SFP20	22	8.6	20	12	5	1.6
SFP30	31	10.5	30	15.8	5	2
SFP40	41	14	40	21	6.5	2.5



Model/Size	D	H	G	h	L _g	Y	S
SFP20-G1F	22	8.6	G1/8	8	7	1.6	13
SFP20-G1M	22	8.6	G1/8	7.8	6	1.6	13
SFP30-G1F	31	10.5	G1/8	8	7	2	13
SFP30-G1M	31	10.5	G1/8	7.8	6	2	13
SFP40-G1F	41	14	G1/8	10	7	2.5	17
SFP40-G1M	41	14	G1/8	12	6	2.5	17

Mounting parts

Item	Model		Applicable suction cup
	F - Female thread	M - Male thread	
Fitting for suction cup	PJS-G1F-SF1-EW	PJS-G1M-SF1-EW	SFP20,30
	PJS-G1F-SF2-EW	PJS-G1M-SF2-EW	SFP40

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