



PACKAGING



LONG  
LIFETIME

## 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 – φ20mm 30 – φ30mm 40 – φ40mm	U – PU 60 UY – PU 40	Nil – Suction cup only G1F – G1/8 Female thread G1M – G1/8 Male thread

## Selection

Model/Connection thread	G1F	G1M
SFP20 – 40	●	●

◇Note : "●"-default, in stock.

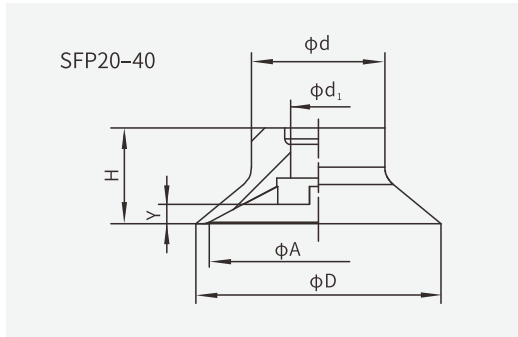
## Technical parameters

Model	Pull-out force (N)	Inner volume (cm <sup>3</sup> )	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

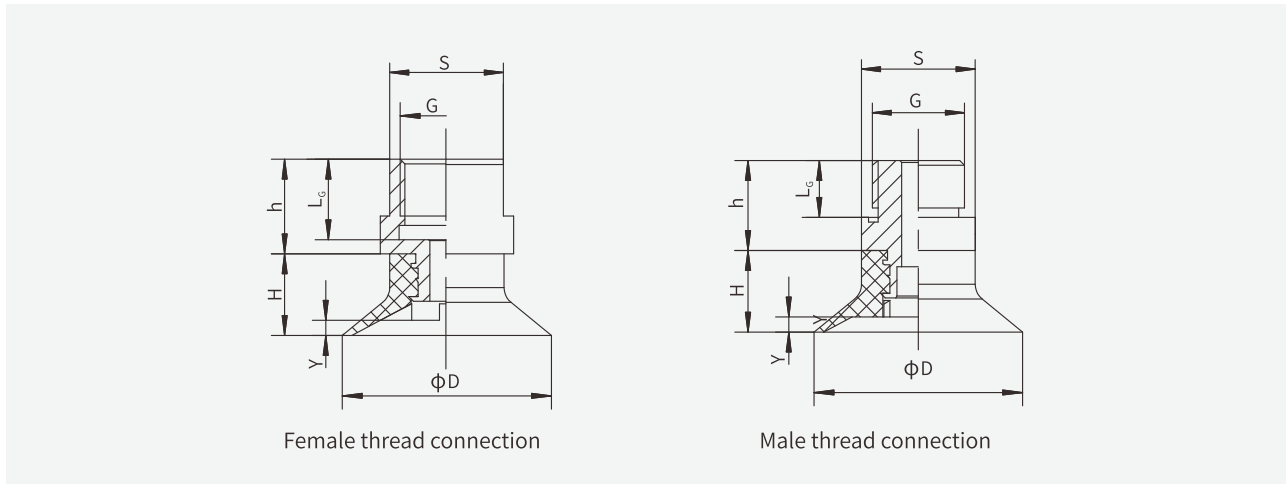
◇ Note: Testing vacuum level: -60kPa. Testing Workpiece: smooth and clean surface. The data of pull-out force as above are figured out without considering safety factor. The data may be different according to different workpiece surfaces.

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  
XSP  
SGP  
SOL  
SH  
SHB  
SZ  
SAN  
SAO  
SPA  
SPC  
SPF  
SPJ  
SPU  
SNP  
SOP

## Dimensions(mm)



Model/Size	D	H	A	d	d <sub>1</sub>	Y
<b>SFP20</b>	22	8.6	20	12	5	1.6
<b>SFP30</b>	31	10.5	30	15.8	5	2
<b>SFP40</b>	41	14	40	21	6.5	2.5



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