

Features

- ◇ 2.5 bellows suction cup
- ◇ Good wear resistance and oil resistance.
- ◇ High tensile strength
- ◇ PU material, long lifetime. The lifetime is 2–4 times longer than other materials.



Applications

- ◇ Workpiece with uneven surface
- ◇ Smooth steel plate

How to order

SXP 20 UG – G1F

① ② ③ ④

① Series	② Diameter	③ Material & Hardness	④ Connection thread
SXP	20 – ϕ 20mm 40 – ϕ 40mm 25 – ϕ 25mm 50 – ϕ 50mm 30 – ϕ 30mm 70 – ϕ 70mm 35 – ϕ 35mm	U – PU 60 UD – PU 30 60 UG – PU 55	Nil – Suction cup only G2M – G1/4 Male thread G1F – G1/8 Female thread G3F – G3/8 Female thread G1M – G1/8 Male thread G3M – G3/8 Male thread G2F – G1/4 Female thread

Selection

Model/ Connection thread	G1F	G1M	G2F	G2M	G3F	G3M
SXP20 – 40	●	●	–	–	–	–
SXP50	–	–	●	●	●	●
SXP70	–	–	–	–	●	●

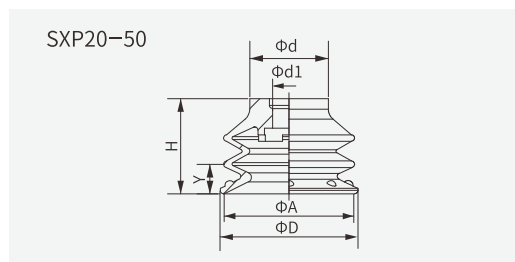
◇ Note: "●"-default, in stock; "–"unavailable.

Technical parameters

Model	Pull-out force(N)	Inner volume (cm ³)	Min. curve radius of workpiece(mm)	Recommended hose diameter(mm)
SXP20	14	2	24	6
SXP25	22	3	31	6
SXP30	31	5	30	6
SXP35	43	9	39	6
SXP40	56.5	11	45	6
SXP50	88	21	55	10
SXP70	173	55	80	10

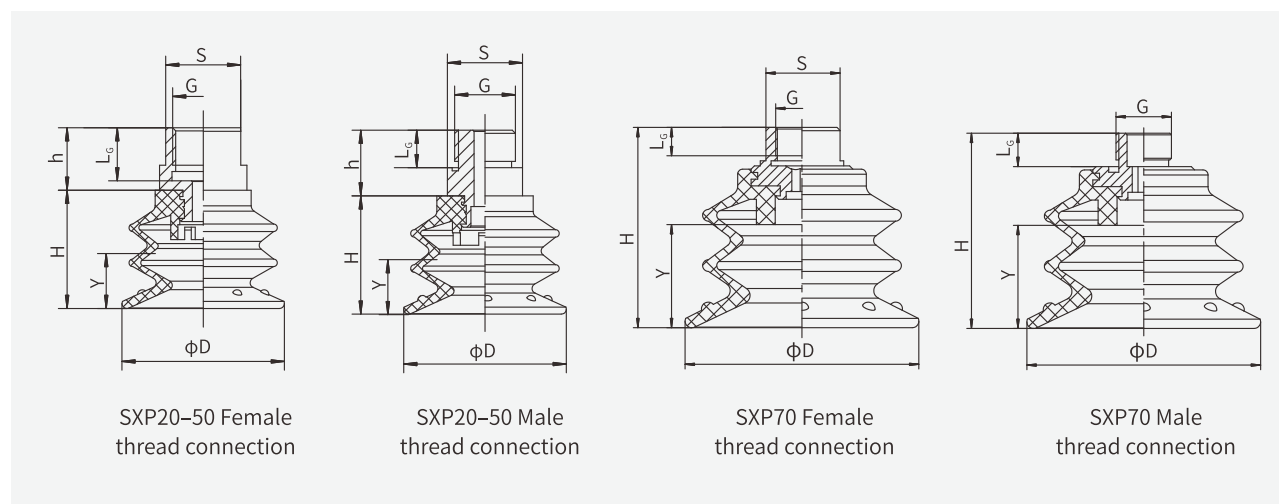
◇ Note: Testing vacuum level: –60kPa. Testing Workpiece: smooth and clean surface.
The data of pull-out force as above are figured out without considering safety factor.
The data may be different according to different workpiece surfaces.

Dimensions(mm)



Model/Size	D	H	A	d	d ₁	Y
SXP20	21	14.8	20	12	5	4.5
SXP25	26	18.9	24.4	15.4	5	7.3
SXP30	30	21.3	28	16.5	5	8
SXP35	35	25.3	33	21	6.5	9.8
SXP40	40	28.4	37.5	22	6.5	10.6
SXP50	50	35.5	47	27.5	10.5	13.4

Dimensions(mm)



Model/Size	D	H	G	h	L _G	Y	S
SXP20-G1F	21	14.8	G1/8	8	7	4.5	13
SXP20-G1M	21	14.8	G1/8	7.8	6	4.5	13
SXP25-G1F	26	18.9	G1/8	8	7	7.3	13
SXP25-G1M	26	18.9	G1/8	7.8	6	7.3	13
SXP30-G1F	30	21.3	G1/8	8	7	8	13
SXP30-G1M	30	21.3	G1/8	7.8	6	8	13
SXP35-G1F	35	25.3	G1/8	10	7	9.8	17
SXP35-G1M	35	25.3	G1/8	12	6	9.8	17
SXP40-G1F	40	28.4	G1/8	10	7	10.6	17
SXP40-G1M	40	28.4	G1/8	12	6	10.6	17
SXP50-G2F	50	35.5	G1/4	13	10	13.4	24
SXP50-G2M	50	35.5	G1/4	17	9	13.4	24
SXP50-G3F	50	35.5	G3/8	13	11	13.4	24
SXP50-G3M	50	35.5	G3/8	18	10	13.4	24
SXP70-G3F	70	60	G3/8	-	11.5	18.6	22
SXP70-G3M	70	58.5	G3/8	-	10	18.6	-

Mounting parts

Item	Model		Applicable suction cup
	F - Male thread	M - Female thread	
Fitting for suction cup	PJS-G1F-SF1-EW	PJS-G1M-SF1-EW	SXP20, 25, 30
	PJS-G1F-SF2-EW	PJS-G1M-SF2-EW	SXP35, 40
	PJS-G2F-SF3-EW	PJS-G2M-SF3-EW	SXP50
	PJS-G3F-SF3-EW	PJS-G3M-SF3-EW	SXP50

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