



Features

- ◇ The steep lip ensures the best suction force and ideal buffer effect.
- ◇ It has high suction force and lateral suction force in high-intensity operation due to the large effective suction area.
- ◇ Small inner volume and short compression stroke can reduce evacuation time and working cycle during adjusting operation.
- ◇ With inner intense pattern, high lateral suction force.



Applications

- ◇ Handling workpiece with smooth surface such as glass, plastic plate, etc.
- ◇ Handling thin workpiece such as sheet glass or coated glass.
- ◇ Handling glass plate surfaced with separation powder.

How to order

SFG 150 H E – G2F

① ② ③ ④ ⑤

① Series	② Diameter	③ Stroke	④ Material & Hardness	⑤ Connection thread
SFG	125 – φ125mm 150 – φ150mm 200 – φ200mm 250 – φ250mm 300 – φ300mm 350 – φ350mm 400 – φ400mm	Nil – Standard H – High	E – EPDM 55 HD – High temp/ mark free material 60	G2F – G1/4 Female thread G3F – G3/8 Female thread G4F – G1/2 Female thread

Selection

Model/Connection thread	Stroke		Connection thread		
	Standard stroke	H	G2F	G3F	G4F
SFG125	●	–	●	●	–
SFG150	●	●	–	–	●
SFG200	●	–	–	–	●
SFG250	–	●	–	–	●
SFG300	–	●	–	–	●
SFG350	–	●	–	–	●
SFG400	●	–	–	–	●

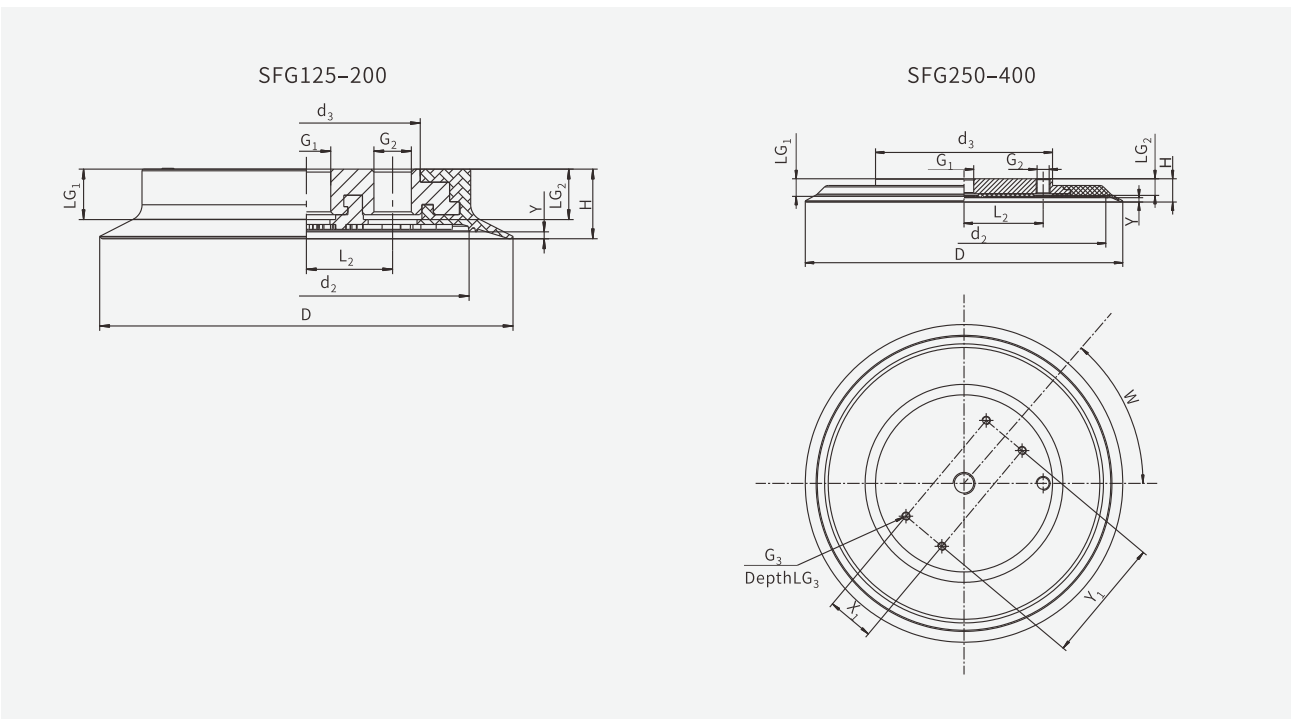
◇ Note : "●"-default, in stock; "–"-unavailable.

Technical parameters

Model	Pull-out force (N)	Inner volume (cm ³)	Min. curve radius of workpiece(mm)	Recommended hose diameter(mm)	Weight (g)
SFG125	740	44	1,500	8	290
SFG150	1,100	65	2,000	8	490
SFG150H	1,100	119	370	8	490
SFG200	1,950	144	3,500	10	1,040
SFG250H	2,950	372	1,600	10	950
SFG300H	4,300	550	2,400	12	1,510
SFG350H	5,780	779	3,000	12	2,040
SFG400	7,600	560	13,500	12	2,635

◇ 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	d ₂	d ₃	G ₁	G ₂	G ₃	H	L ₂	LG ₁	LG ₂	LG ₃	W	X ₁	Y ₁	Y
SFG125-G2F	125	100	70	G1/4	G1/4	-	21.5	26.5	14	14	-	-	-	-	3
SFG125-G3F	125	100	70	G3/8	G1/4	-	21.5	26.5	14	14	-	-	-	-	3
SFG150-G4F	150	125	93	G1/2	G1/4	-	21.5	36.5	14	14	-	-	-	-	3.3
SFG150H-G4F	150	126	70	G1/2	G1/4	-	26	26.5	14	14	-	-	-	-	7.5
SFG200-G4F	200	185	134	G1/2	G1/4	-	22	52.8	14	14	-	-	-	-	3.6
SFG250H-G4F	250	217	140	G1/2	G1/4	M8	27	52.5	14.5	14.5	12	70	45	100	9
SFG300H-G4F	300	272	170	G1/2	G1/4	M8	27	76	14.5	14.5	12	50	45	120	9
SFG350H-G4F	350	317	170	G1/2	G1/4	M8	27	76	14.5	14.5	12	50	45	120	9
SFG400-G4F	400	372	170	G1/2	G1/4	M8	22.5	76	14.5	14.5	12	50	45	120	4.5