

Grip suction plate, oval

GFS 35x90 - GFS 65x170 - Bellows design

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Description

Very robust and resistant bellows suction cup in oval design with 1,5 bellows and specially structured pad. The special pad increases the friction coefficient which increases cross acceleration also on oily or wet surfaces. The position of the suction cup can be adjusted by the connection screw.

Application

- formed workpieces with smooth oily or wet surfaces (workpiece is not pulled in)
- exact positioning of sheets
- highly dynamic process requirements



FBS-GFS 50x100 ... FBS-GFS 80x180

Article numbers

Type	PU
FBS-GFS 35x90	1.02.2.0017
FBS-GFS 50x140	1.02.2.0018
FBS-GFS 65x170	1.02.2.0019

Technical details

Type	Holding force* (N)	Suction radius min: (mm)	Volume** (l)	Weight (kg)
FBS-GFS 35x90	110	30	0,036	0,010
FBS-GFS 50x140	245	50	0,095	0,190
FBS-GFS 65x170	400	50	0,200	0,310

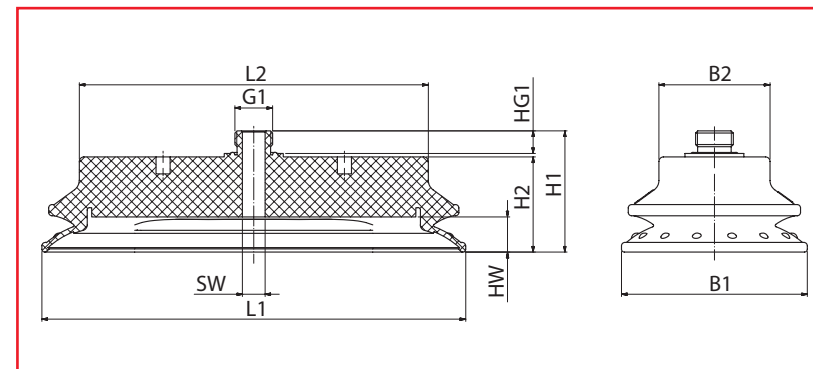
* Specifications at 60 % vacuum w/o safety factor, on smooth, dry surfaces

** Volume with suction pad not engaged and unloaded

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Dimensions

Type	L1	L2	B1	B2	HW	H1	H2	HG1	G1	SW
FBS-GFS 35x90	105	84	50	28	11	37	29	10	G3/8	10
FBS-GFS 50x140	157	130	67	38	13	46	38	10	G3/8	10
FBS-GFS 65x170	187	160	82	49	15	54	45	10	G3/8	10

Suitable connection elements

Type	Suction pad retainer		Holding bracket	Holders		Suspension bolt
	SAS	SAK		Bushing	Holding joint	
FBS-GFS 35x90 ... 50x140	SAS-M12x1-3/8	---	HSW-M12x1-3/8	HSB-3/8-3/8	HSG-M12x1-3/8	FS ... -M12x1*
FBS-GFS 65x170	SAS-M16x1,5-3/8	---	HSW-M16x1,5-3/8	HSB-3/8-3/8	HSG-M16x1,5-3/8	FS ... -M16x1,5*

* Single connection, mounted with rotation-protected suspension bolt