

# Vacuum gripping systems for bags / FBG with 30 mm thick foam

## FBG

- The FBG series of vacuum gripping systems is designed for handling heavy bags of both liquid and solid materials with different shapes and weights
- It can be equipped with different types of Gimatic pneumatic pumps (2 to 8 LARGE cartridges) (1), or alternatively with a connector for external vacuum generation (2)
- Available in three sizes 245x125 mm, 250x180 mm and 350x250 mm, and two heights 70 mm and 90 mm
- The body (PA12) is compact and lightweight yet sturdy
- The 30mm thick orange-coloured foam is made of natural rubber and can be adapted perfectly to the bag to be handled (bags of irregular shape)
- The 30-mm thick black foam is in EPDM, has excellent wear resistance and guarantees highly stable gripping (bags of regular shape) – Sold separately
- Internal metal plate to avoid damaging the bag being handled (it can be removed when not needed)
- Optional use of level suspensions to compensate for any differences in height



## Application example



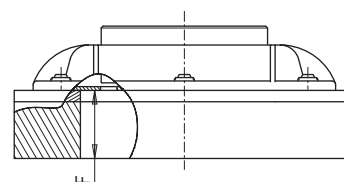
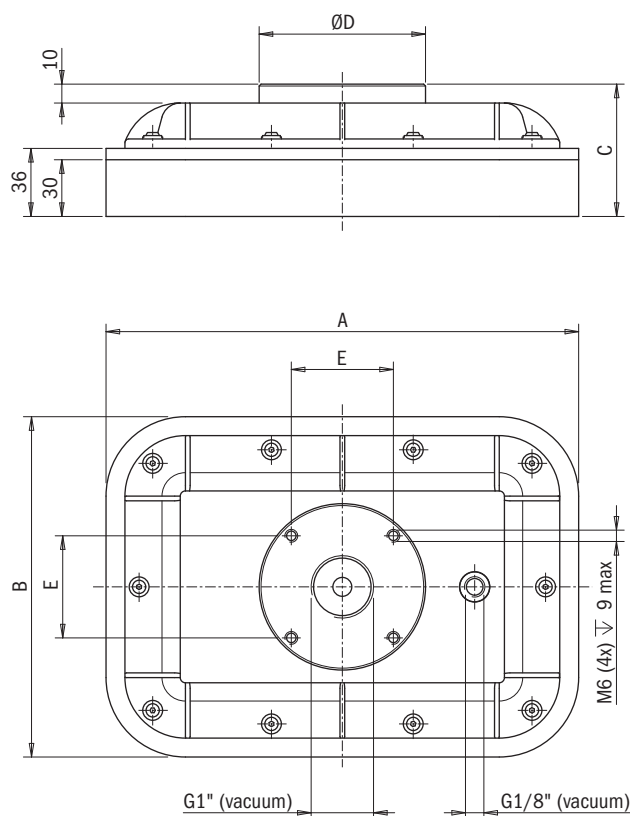
## Technical features

Temperature range	0 ÷ +50 °C
Weight	0.95 ÷ 2.6 kg
Material	PA, SS, NR, Al, Nitrile (NBR)

## Identification codes

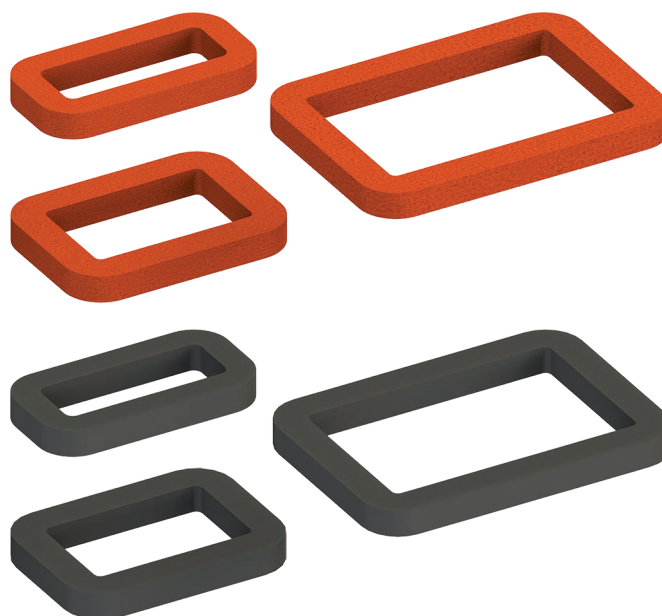
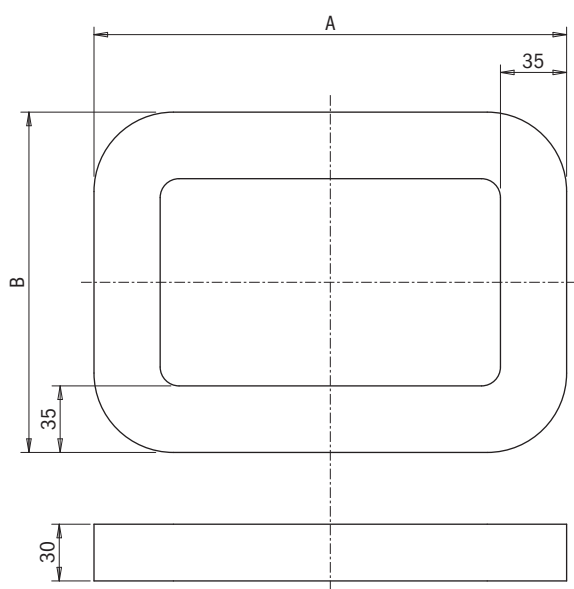
Alphanumeric code	Description	Order code
FBG-245-125-H70-F30G-G1	Vacuum gripping systems for bags, 245x125x70 mm, with 30 mm thick natural rubber foam, vacuum fitting G1"	370245001
FBG-245-125-H90-F30G-G1	Vacuum gripping systems for bags, 245x125x90 mm, with 30 mm thick natural rubber foam, vacuum fitting G1"	370245002
FBG-250-180-H70-F30G-G1	Vacuum gripping systems for bags, 250x180x70 mm, with 30 mm thick natural rubber foam, vacuum fitting G1"	371250001
FBG-250-180-H90-F30G-G1	Vacuum gripping systems for bags, 250x180x90 mm, with 30 mm thick natural rubber foam, vacuum fitting G1"	371250002
FBG-350-250-H70-F30G-G1	Vacuum gripping systems for bags, 350x250x70 mm, with 30 mm thick natural rubber foam, vacuum fitting G1"	372350001
FBG-350-250-H90-F30G-G1	Vacuum gripping systems for bags, 350x250x90 mm, with 30 mm thick natural rubber foam, vacuum fitting G1"	372350002

For codes related to configurations with external or integrated pumps, please contact the local Gimatic subsidiaries

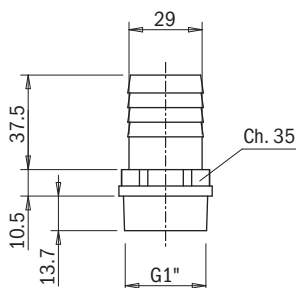


	A	B	C	D	E	F
370245001	245	125	70	Ø78	47	36
370245002	245	125	91	Ø78	47	54
371250001	250	180	70	Ø88	54	36
371250002	250	180	91	Ø88	54	54
372350001	350	250	70	Ø98	62	36
372350002	350	250	91	Ø98	62	54

Identification codes		
Alphanumeric code	Spare parts	Order code
FBG-F30G-245-125	Spare natural rubber foam, 245x125 mm, 30 mm thick	370300002
FBG-F30G-250-180	Spare natural rubber foam, 250x180 mm, 30 mm thick	371300002
FBG-F30G-350-250	Spare natural rubber foam, 350x250 mm, 30 mm thick	372300002
FBG-F30-245-125	Spare EPDM foam, 245x125 mm, 30 mm thick	370300001
FBG-F30-250-180	Spare EPDM foam, 250x180 mm, 30 mm thick	371300001
FBG-F30-350-250	Spare EPDM foam, 350x250 mm, 30 mm thick	372300001



Identification codes		
Alphanumeric code	Accessories	Order code
FIT-G10-T30	Male G1" hose fitting, Ø30 mm tube	3540022



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