# **SUCTION CUPS** / Multi Bellows & Flat

## **VBF** Series

#### Features and Strengths

Highly fast operation in automobile, glass and wooden panel industry Excellent for oily surface products and convex products Innovatively designed for slightly curved and flat material

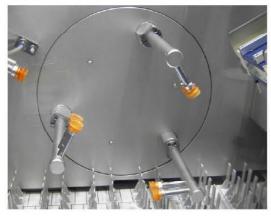
#### **Advantages**

Very flexible adjustment according to different surface and shape Excellent for thin, oily and flat and slightly curved metal sheets and automotive panels Longer life time with PU material (3times longer than NBR of competitor)

## Application







### Examples of use

Metal sheets, Car panel, Press metal sheets, Panel, Electronic goods, Glass, Carton boxes, Furniture, Wood panel

#### Available size options

Model	Description	Model	Description		
VBF25	Bellows-flat suction cup, Ø25	VBF60	Bellows-flat suction cup, Ø60		
VBF30	Bellows-flat suction cup, Ø30	VBF80	Bellows-flat suction cup, Ø80		
VBF40	Bellows-flat suction cup, Ø40	VBF100	Bellows-flat suction cup, Ø100		
VBF50	Bellows-flat suction cup, Ø50				







## I Recommended Lifting Force (Max.)

Model	Volume (cm³)	Lifting Force (Kg) - Perpendicular		Lifting Force (Kg) - Parallel				
		- 20 kPa	- 60 kPa	- 90 kPa	- 20 kPa	- 60 kPa	- 90 kPa	Page
VBF25	2.6	1.10	3.20	3.80	0.61	1.37	1.89	412
VBF30	6.0	1.77	6.26	9.48	0.86	3.09	7.75	414
VBF40	7.20	2.50	9.66	12.80	1.18	6.50	11.30	416
VBF50	11.00	4.18	13.20	16.28	2.09	9.60	14.70	418
VBF60	22.00	8.94	16.26	18.54	6.84	12.84	16.92	420
VBF80	59.50	11.92	21.68	24.72	9.12	17.12	22.56	422
VBF100	103.50	14.90	27.10	30.90	11.40	21.40	28.20	424

