

SUCTION CUPS / Oval Flat Bellow

VOBF55x110



Features and Strengths

Over bellows shaped for handling long, narrow, curved and oily workpieces
The feet inside the cup provide an anti-slide

Examples of use

Automotive panels and doors, Metal sheets, Press line

Recommended Lifting Force (Max.)

Model	Volume (cm ³)	Min. Curvature Radius R(mm)	Lifting Force (Kg) - Perpendicular			Lifting Force (Kg) - Parallel		
			- 20 kPa	- 60 kPa	- 90 kPa	- 20 kPa	- 60 kPa	- 90 kPa
VOBF55x110	66.50	50.00	8.8	22.3	33.0	13.3	29.1	44.0

※ The lifting force above does not include safety factor

Material Specifications

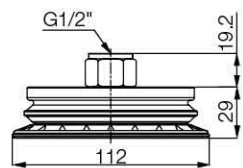
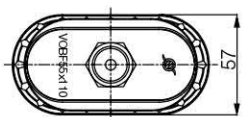
Material	Hardness Shore (°)	Color	Temperature (°C)
Polyurethane	60	Translucent Orange	0~60

Material Resistance

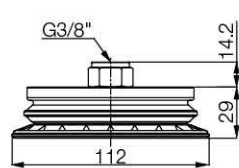
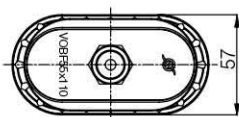
Description	Polyurethane
Wear Resistance	Excellent
Oil	Excellent
Weather / Ozone	Excellent
Alcohol	Fair
Acid	Fair

Dimension

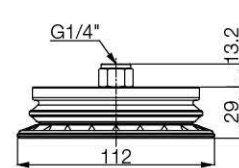
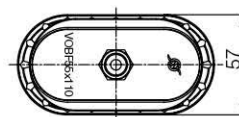
[Unit : mm]



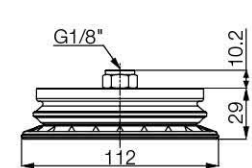
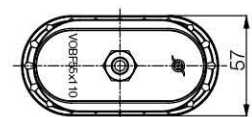
[With 12F fitting]



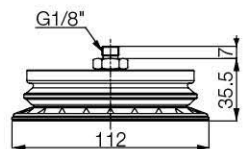
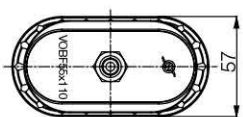
[With 38F fitting]



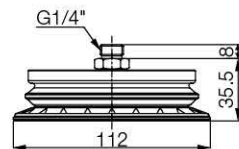
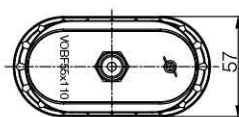
[With 14F fitting]



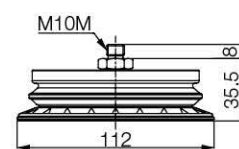
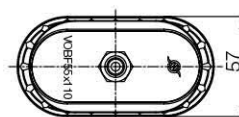
[With 18F fitting]



[With 18M fitting]

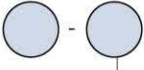


[With 14M fitting]



[With M10M fitting]

Build an Ordering No.

VOBF55x110 -  : Pre-mounted fitting

1. Suction Cup

1. Suction cup	Description	Weight (g)	Symbol
	Oval flat bellow suction cup, 55x110mm diameter, Polyurethane, M10xP1.5 male Fitting	84.8	VOBF55x110-PU-M10M
	Oval flat bellow suction cup, 55x110mm diameter, Polyurethane, G1/8 female Fitting	87.13	VOBF55x110-PU-18F
	Oval flat bellow suction cup, 55x110mm diameter, Polyurethane, G1/8 male Fitting	85.19	VOBF55x110-PU-18M
	Oval flat bellow suction cup, 55x110mm diameter, Polyurethane, G1/4 female Fitting	82.74	VOBF55x110-PU-14F
	Oval flat bellow suction cup, 55x110mm diameter, Polyurethane, G1/4 male Fitting	86.38	VOBF55x110-PU-14M
	Oval flat bellow suction cup, 55x110mm diameter, Polyurethane, G3/8 female Fitting	86.06	VOBF55x110-PU-38F