

# Datasheet

## Suction cup OCF40x110 Polyurethane 55/60, T-slot with mesh filter

Item number: 02.13.950



- Special designed friction cups for oily surfaces, such as sheets in metal forming processes.
- Normal wear on friction cup will not affect the long term shear force performance.
- Best choice if  $> 0,1\text{g/m}^2$  press oil is used on the sheet.
- Thanks to the strong grip on oily surfaces, the suction cups can withstand high shear forces, typically 2–4 times more than corresponding conventional suction cups.
- The "OCF" design is suitable for oblong objects with slightly curved or flat surfaces, such as those encountered with body parts in the automotive industry.
- Fitting option, male G3/8", with a swivel function prior to the locking operation, for easy positioning of the oval cup.
- DURAFLEX® suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane. The material does not leave any marks on the objects handled.

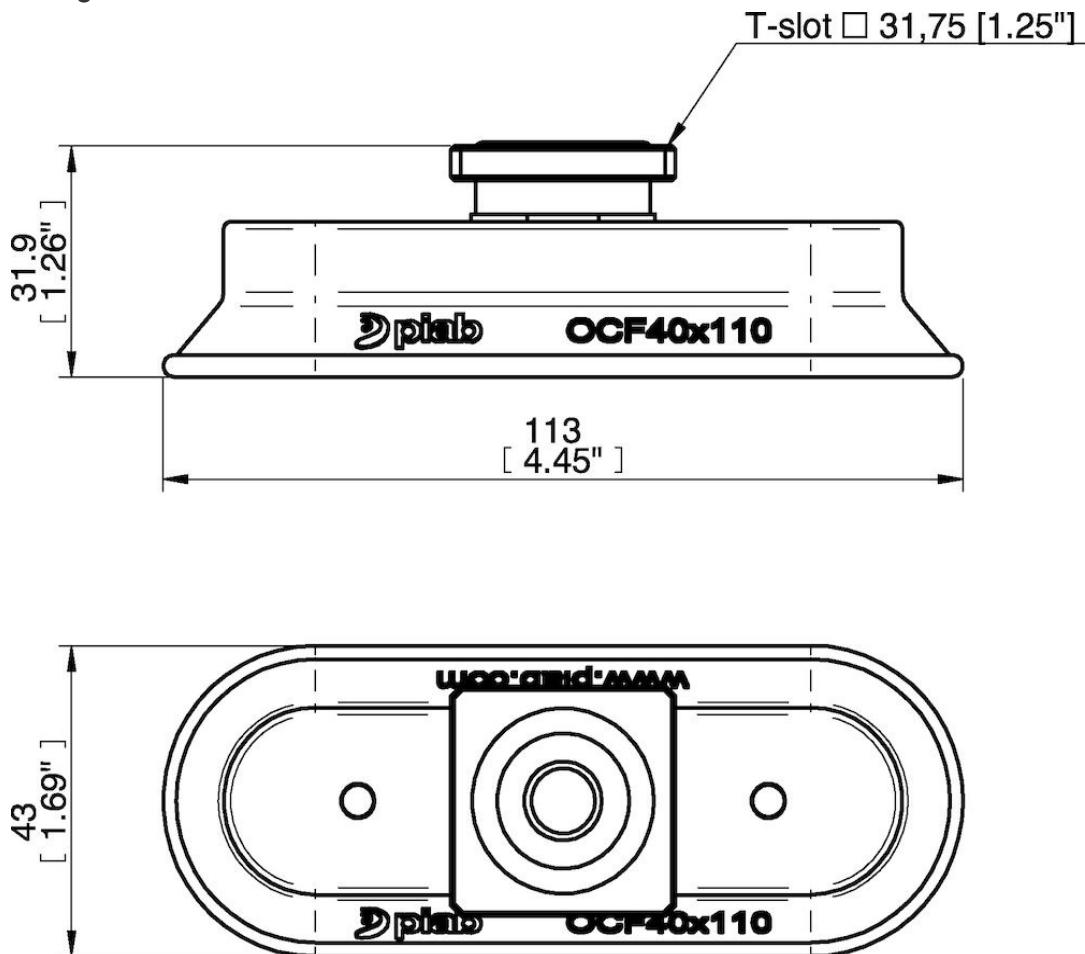
### Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Oily sheet metal, Dry sheet metal
Suction cup design	-	Oval
Characteristics	-	Oily sheet metal, Dry sheet metal
Material	-	Polyurethane (PU)
Weight, min.	oz	1.94
Suction cup model	-	OCF-P
Volume	in <sup>3</sup>	2.075
Height	in	1.40
Length	in	4.45
Fitting size	-	None
Fitting option	-	Filter mesh
Fitting style	-	T-slot
Fitting type	-	None
Width	in	1.69
Fitting material	-	Al
Suction cup model	-	OCF
Movement, vertical max.	in	0.20
Curve radius, min.	in	1.65
Suction cup model	-	OCF
Movement, vertical max.	in	0.20
Curve radius, min.	in	1.65

## Performance - Lifting forces

	Vertical (lb)	Parallel (lb)
OCF		
17.72 -inHg	41.59	12.14
26.58 -inHg	55.30	17.54
OCF		
17.72 -inHg	40.016	37.54
26.58 -inHg	55.078	52.16

## Dimensional drawings



Values specified in this data sheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.