

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 > 0,1g/m2 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.

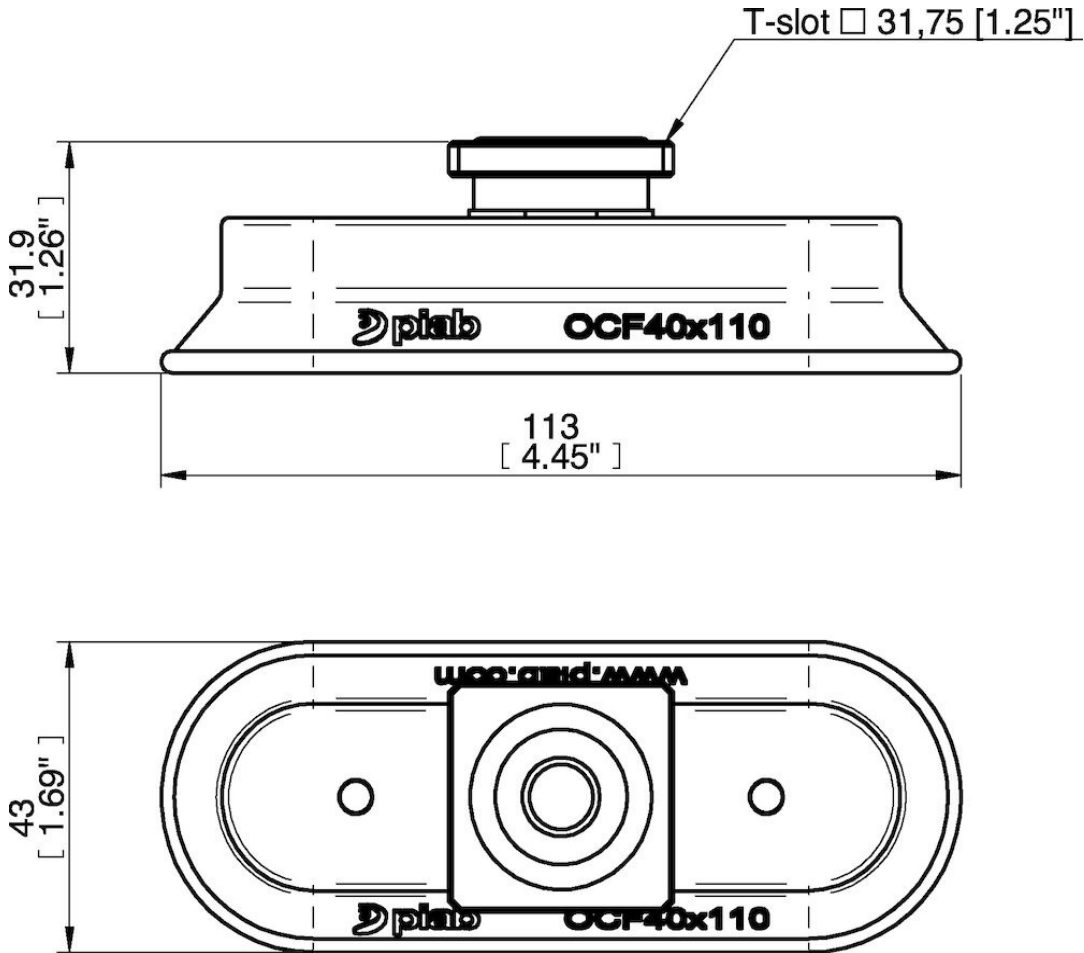
Technical data

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 ³	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

OCF	Vertical (lb)	Parallel (lb)
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.