

Datasheet

Suction cup OC35x90P Polyurethane 60, adjustable thread insert G3/8" male with mesh filter

Item number: OC35x90P.5E.G41M



- Suitable for oblong objects with slightly domed or flat and oily surfaces, such as those encountered in body parts in the automotive industry.
- 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.
- Fitting option, male G3/8", with a swivel function prior to the locking operation, for easy positioning of the oval cup.

Technical data

Description	Unit	Value
Suction cup shape	-	Concave
Application	-	Mark Free
Suction cup design	-	Oval
Characteristics	-	Mark free
Material	-	Polyurethane (PU)
Weight, max.	oz	1.41
Weight, min.	oz	0.95
Suction cup model	-	OC-P
Volume	in ³	1.22
Height	in	1.024
Length	in	3.70
Outer diameter, min.	in	3.70
Fitting size	-	3/8"
Fitting option	-	Filter mesh
Fitting style	-	Male
Fitting type	-	G-thread
Width	in	1.46
Suction cup model	-	OC35x90P PU60
Movement, vertical max.	in	0.18

Performance - Lifting forces

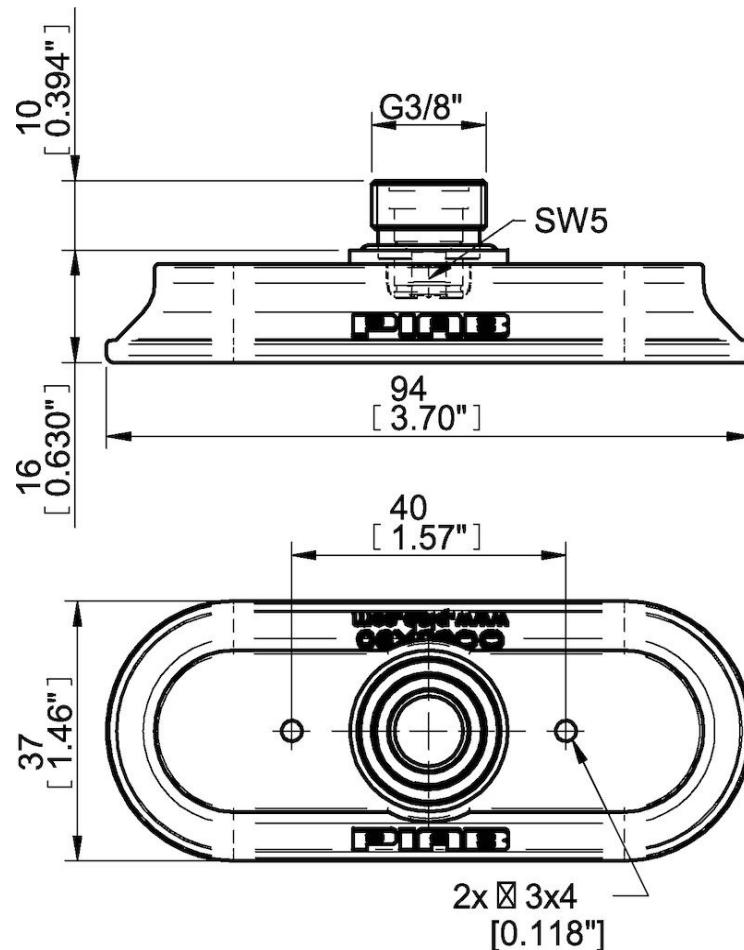
OC35x90P PU60	Vertical (lb)	Parallel (lb)
5.91 -inHg	11.016	15.29
17.72 -inHg	29.67	36.19
26.58 -inHg	38.44	46.31

Material	
Name	Polyurethane (PU60)
Color	Green transparent
Temperature, min. °F	50.0
Temperature max. °F	122.0
Hardness °Shore A	60

Material resistance

Alcohol	n/a
Concentrated acids	Fair
Ethanol	Fair
Hydrolysis	Fair
Methanol	Poor
Oil	Excellent
Oxidation	Poor
Gasoline	Fair
Wear resistance	Excellent
Weather and ozone	Excellent

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.

Accessories

OC35x90P.5C | Suction cup OC35x90P Polyurethane 40