

Suction cup DCF90P Polyurethane 60 G3/8" female with mesh filter, 17 mm thread

Item number: DCF90P.5Y.G78MR



Technical data

Description	Unit	Value
Suction cup shape	-	Deep Concave
Application	-	Oily sheet metal
Suction cup design	-	Round
Characteristics	-	Oily sheet metal
Material	-	Polyurethane (PU)
Weight, min.	oz	3.42
Suction cup model	-	DCF
Volume	in ³	3.51
Height	in	2.035
Outer diameter, min.	in	3.64
Outer diameter, actuated	in	3.87
Fitting size	-	3/8"
Fitting option	-	Filter mesh
Fitting style	-	Female
Fitting type	-	G-thread
Fitting material	-	Al
Suction cup model	-	DCF90P Oily metal sheet
Movement, vertical max.	in	0.53
Curve radius, min.	in	5.12
Suction cup model	-	DCF90P Dry metal sheet
Movement, vertical max.	in	0.53
Curve radius, min.	in	5.12

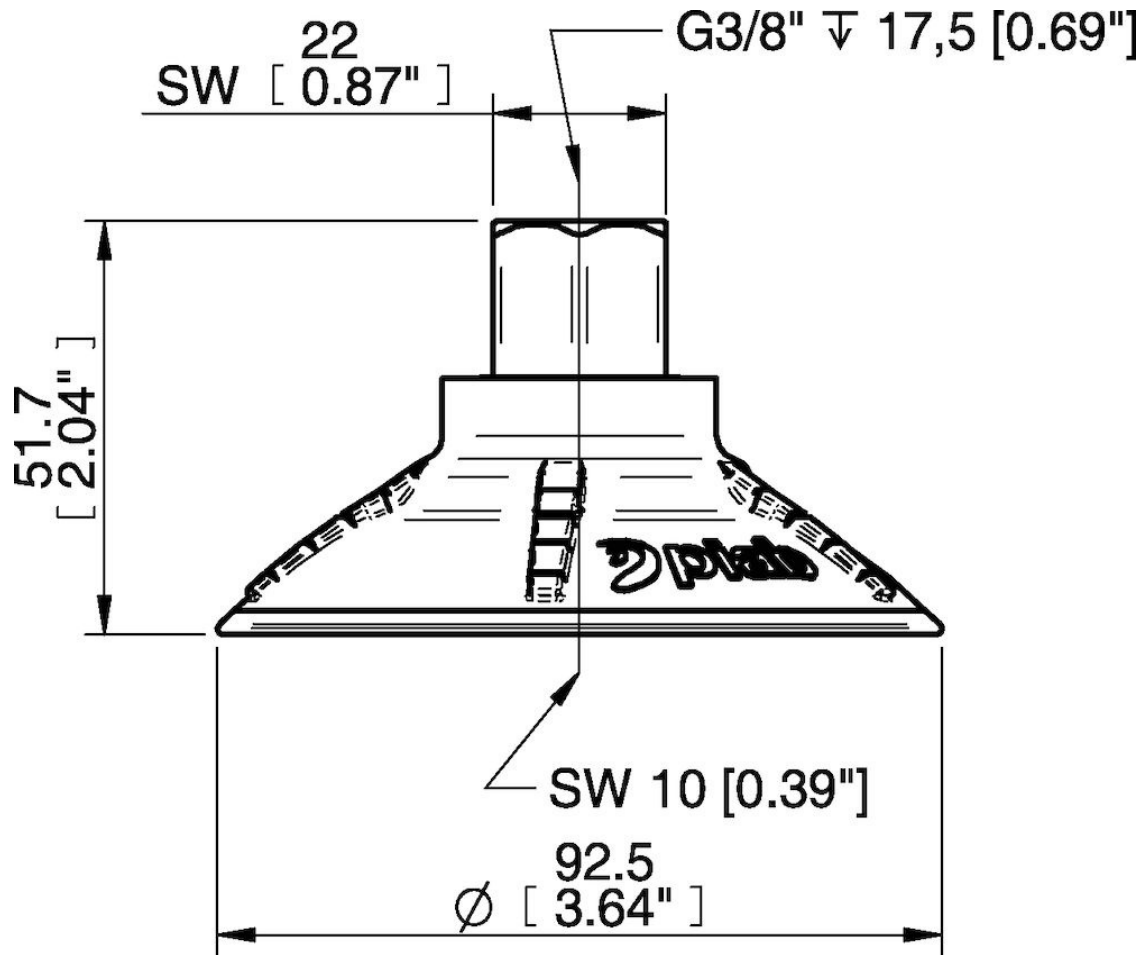
Performance - Lifting forces

	Vertical (lb)	Parallel (lb)
DCF90P Oily metal sheet		
17.72 -inHg	49.91	41.14
26.58 -inHg	69.69	55.75
DCF90P Dry metal sheet		
17.72 -inHg	57.33	57.55
26.58 -inHg	69.92	80.48

Material	
Name	Polyurethane (PU60)
Color	Orange
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.