

Datasheet

Suction cup OCF20x50 Polyurethane 60, G3/8" male

Item number: OCF20x50P.5X.G69MR



Technical data

Description	Unit	Value
Suction cup shape	-	Concave
Application	-	Oily sheet metal
Suction cup design	-	Oval
Characteristics	-	Oily sheet metal
Material	-	Polyurethane (PU)
Weight, min.	oz	0.95
Suction cup model	-	OCF-P
Volume	in ³	0.23
Height	in	1.17
Length	in	2.12
Fitting size	-	3/8"
Fitting option	-	None
Fitting style	-	Male
Fitting type	-	G-thread
Width	in	0.94
Length, actuated	in	2.20
Width, actuated	in	1.043
Fitting material	-	Al
Suction cup model	-	OCF20x50P Oily metal sheet
Movement, vertical max.	in	0.12
Curve radius, min.	in	0.79
Suction cup model	-	OCF20x50P Dry metal sheet
Movement, vertical max.	in	0.12
Curve radius, min.	in	0.79

Performance - Lifting forces

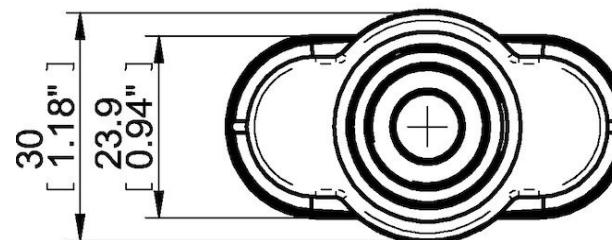
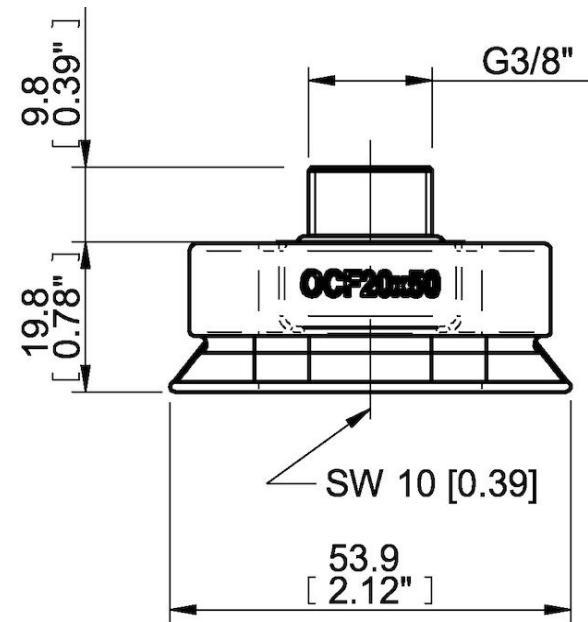
OCF20x50P Oily metal sheet	Vertical (lb)	Parallel (lb)
17.72 -inHg	10.12	6.29
26.58 -inHg	14.61	7.87
OCF20x50P Dry metal sheet		
17.72 -inHg	11.47	12.81
26.58 -inHg	16.19	16.19

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.