

Datasheet

Suction cup OBF30x60P Polyurethane 55/60/30 G3/8" female with mesh filter, 17 mm thread

Item number: OBF30x60P.5R.G78MR



Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Oily sheet metal
Suction cup design	-	Oval
Characteristics	-	Oily sheet metal
Material	-	Polyurethane (PU)
Weight, min.	oz	2.61
Suction cup model	-	OBF
Volume	in ³	0.56
Height	in	1.72
Length	in	2.36
Fitting size	-	3/8"
Fitting option	-	None
Fitting style	-	Female
Fitting type	-	G-thread
Width	in	1.18
Length, actuated	in	2.38
Width, actuated	in	1.20
Fitting material	-	Brass
Suction cup model	-	OBF30x60P Dry metal sheet
Movement, vertical max.	in	0.28
Curve radius, min.	in	0.98
Suction cup model	-	OBF30x60P Oily metal sheet
Movement, vertical max.	in	0.28
Curve radius, min.	in	0.98

Performance - Lifting forces

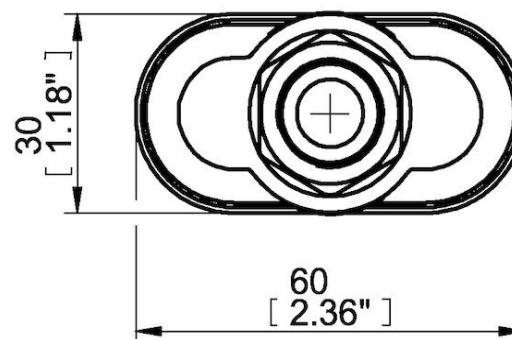
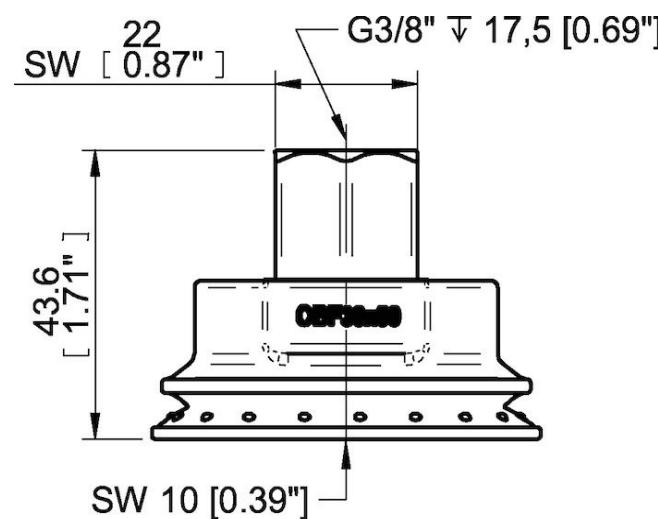
	Vertical (lb)	Parallel (lb)
OBF30x60P Dry metal sheet		
17.72 -inHg	13.49	16.64
26.58 -inHg	17.98	22.26
OBF30x60P Oily metal sheet		
17.72 -inHg	9.67	7.19
26.58 -inHg	14.61	10.12

Material			
Name	Polyurethane (PU30)	Polyurethane (PU55)	Polyurethane (PU60)
Color	Yellow	Orange	Green transparent
Temperature, min. °F	50.0	50.0	50.0
Temperature max. °F	122.0	122.0	122.0
Hardness °Shore A	30	55	60

Material resistance

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