

Datasheet

Suction cup OB20x60P Polyurethane PU60, G1/8" male

Item number: OB20X60P.5E.G31M



- Suitable for level adjustment. Can handle objects with height differences and varying shapes, for example embossed or corrugated plates.
- Lifting movement to separate small and thin objects.
- DURAFLEx® are 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.
- Swivel option, prior to the locking operation, for easy positioning of the oval cup.

Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Mark Free
Suction cup design	-	Oval
Characteristics	-	Mark free
Material	-	Polyurethane (PU)
Weight, min.	oz	0.39
Suction cup model	-	OB
Volume	in ³	1.46
Height	in	0.93
Length	in	2.44
Outer diameter, min.	in	2.44
Fitting size	-	1/8"
Fitting option	-	None
Fitting style	-	Male
Fitting type	-	G-thread
Width	in	0.93
Suction cup model	-	OB20x60P
Movement, vertical max.	in	0.18
Curve radius, min.	in	0.28

Performance - Lifting forces

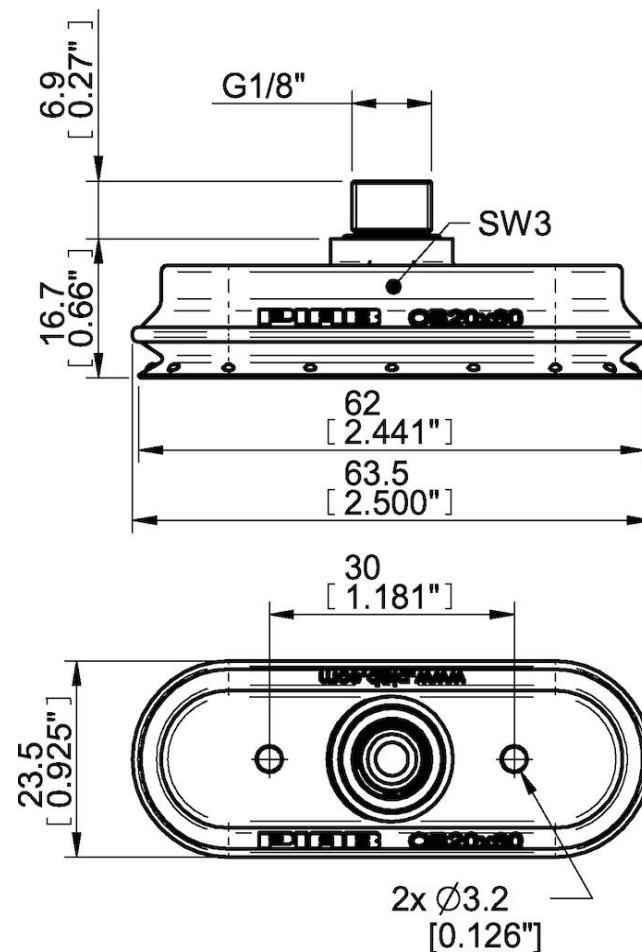
OB20x60P	Vertical (lb)	Parallel (lb)
5.91 -inHg	2.92	2.92
17.72 -inHg	7.64	8.32
26.58 -inHg	12.81	10.79

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.