

Datasheet

Suction cup B150 Nitrile-PVC with washer

Item number: B150.30.W



Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Dry sheet metal, Plastic injection molded parts
Suction cup design	-	Round
Characteristics	-	Dry sheet metal, Plastic injection molded parts
Material	-	Nitrile-PVC (NPV)
Weight, min.	oz	9.35
Suction cup model	-	B
Volume	in ³	39.66
Height	in	2.81
Outer diameter, min.	in	6.10
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	B150
Movement, vertical max.	in	1.83
Curve radius, min.	in	2.95

Performance - Lifting forces

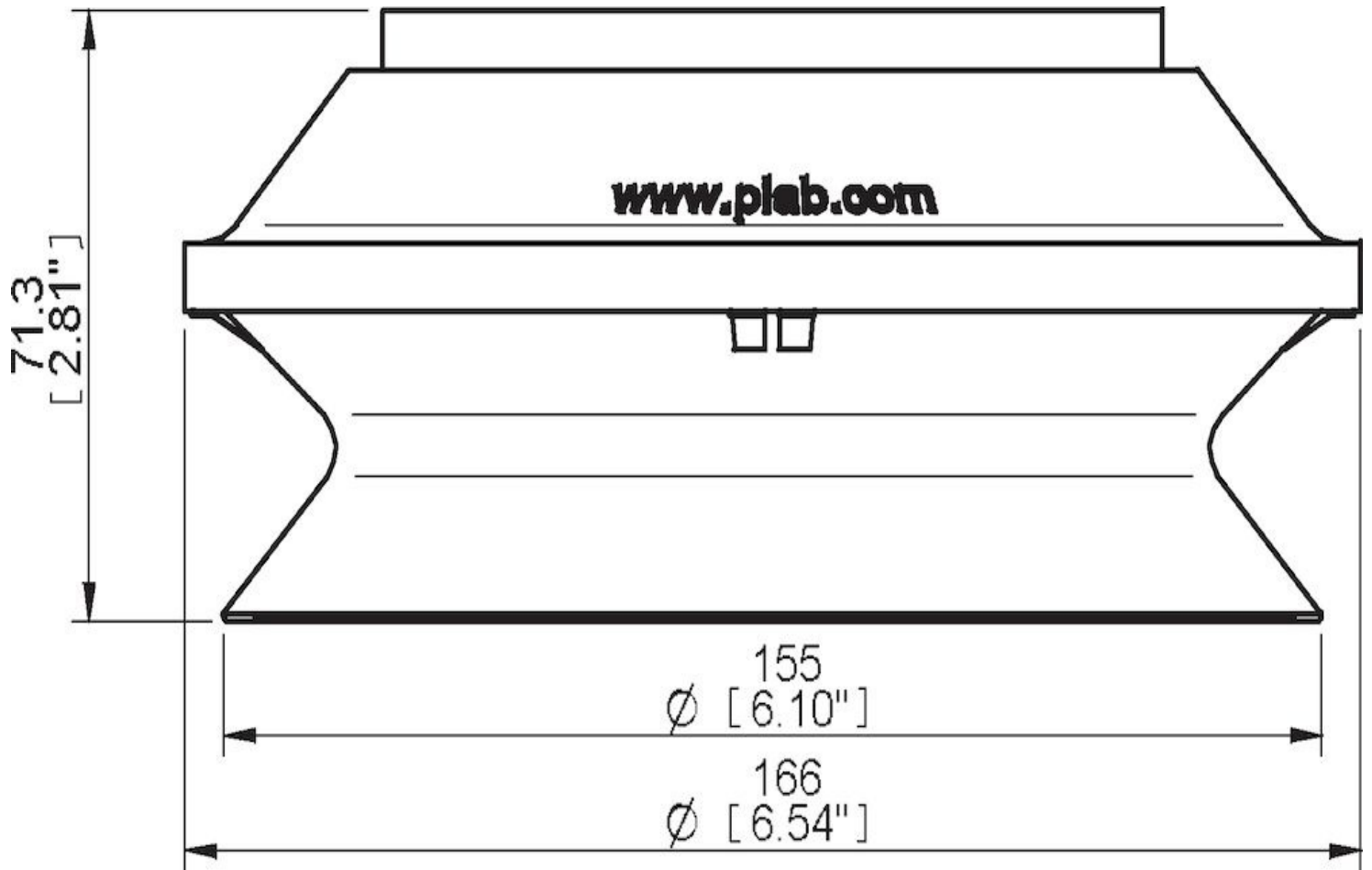
B150	Vertical (lb)	Parallel (lb)
5.91 -inHg	66.094	
17.72 -inHg	154.22	
26.58 -inHg	198.51	

Material	
Name	Nitrile-PVC (NPV)
Color	Black
Temperature, min. °F	32.0
Temperature max. °F	194.0
Hardness °Shore A	50

Material resistance

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

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

15NA | Fitting 150, G1/2" female, with mesh filter

15NB | Fitting 150, G3/4" female, with mesh filter

15UA | Fitting G1/2" female AI, with mesh filter