

# Datasheet

## P35 - Suction cup - G1/8"

Item number: 02.23.818



### Technical data

Description	Unit	Value
Suction cup shape	-	Flat
Application	-	Dry sheet metal, Mark Free, Plastic injection molded parts
Suction cup design	-	Round
Characteristics	-	Dry sheet metal, Mark free, Plastic injection molded parts
Material	-	Ethylene Propylene (EPDM)
Weight, min.	oz	0.85
Suction cup model	-	P
Volume	in <sup>3</sup>	0.37
Height (C)	in	0.63
Outer diameter, min. (A)	in	1.67
Fitting size	-	1/8"
Fitting style	-	Female
Fitting type	-	G-thread
Fitting material	-	Al
Suction cup model	-	P35
Movement, vertical max.	in	0.24

### Performance - Lifting forces

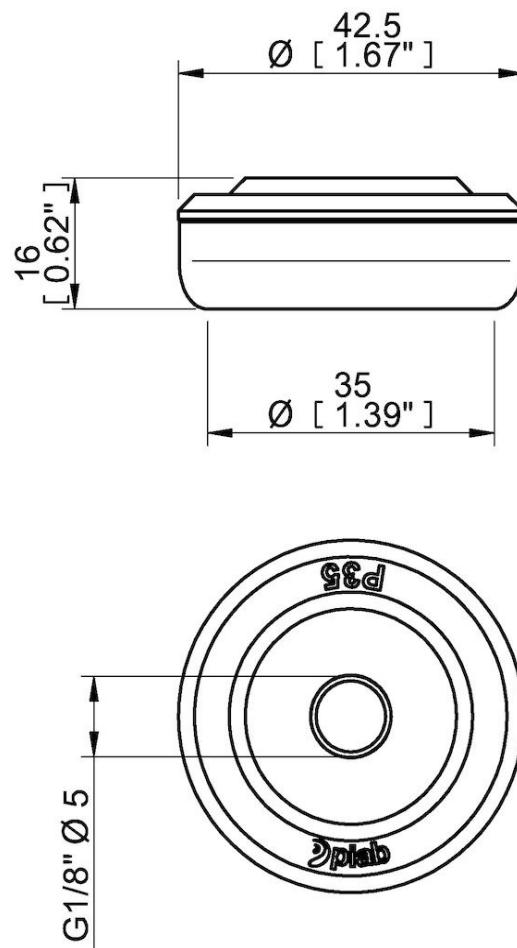
P35	Vertical (lb)	Parallel (lb)
5.91 -inHg	4.50	
17.72 -inHg	11.24	
26.58 -inHg	15.74	

### Material

Name	Ethylene Propylene (EPDM)
Color	Black
Temperature, min.   °F	-40.0
Temperature max.   °F	248.0
Hardness   °Shore A	50

### Material resistance

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



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.

#### Spare parts

33.50.023 | Lip P35 EPDM