Datasheet

Suction cup BL40-4 Silicone, 3/8" NPT male

Article number: 0116996



- Long and flexible bellow
- Long and thin lip
- High flow fitting
- Working area = lip diameter
- Wide temperature range (-40°C to +200°C)

Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Application	-	Bag handling
Suction cup design	-	Round
Characteristics	-	Bag handling
Material	-	Silicone (SIL)
Weight, min.	g	8
Suction cup model	-	BL-4
Volume	cm³	15
Height	mm	57.4
Outer diameter, min.	mm	40.1
Fitting size	-	3/8"
Fitting option	-	None
Fitting style	-	Male
Fitting type	-	NPT-thread
Suction cup model	-	BL40-4
Movement, vertical max.	mm	18
Curve radius, min.	mm	15

Performance - Lifting forces

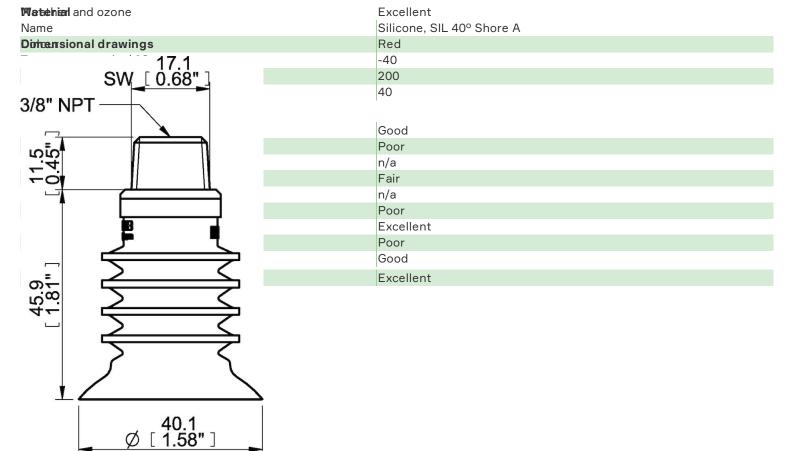
BL40-4	Vertical (N)	Parallel (N)
20 -kPa	10	4.7
60 -kPa	15	13.3
90 -kPa	22	19.7

Material

Name	Silicone, SIL 40° Shore A	
Colour	Red	
Temperature, min. °C	-40	
Temperature max. °C	200	
Hardness LoShore A	40	

Material resistance

Material resistance	
Alcohol	Good
Concentrated acids	Poor
Ethanol	n/a
Hydrolysis	Fair
Methanol	n/a
Oil	Poor
Oxidation	Excellent
Petrol	Poor
Wear resistance	Good



Values specified in this data sheet are tested at (unless otherwise stated):

- •Room temperature (20°C [68°F] \pm 3°C [5.5°F]).
- •Standard atmosphere (101.3 [29.9 inHg] \pm 1.0 kPa [0.3 inHg]).
- •Relative humidity 20-70%.
- •Compressed air quality, DIN ISO 8573-1 class 4.

Accessories

0112662 | Fitting G3/8" male, bag

Spare parts

0112692 | Fitting 3/8" NPT male, bag 0114848 | Suction cup BL40-4 Silicone