

BL5040

Features and Strengths

- The bellows cups is very good at compensating for a degree of difference in level and curvature of the work piece, more angular and level compensation can be achieved.
- Good for use (deep) curved surface and round shape
- Designed with dual sealing lips which increasing stability from overloaded and tear the lip.



Examples of use

Food, Egg, Fruit, Plastic pack
Deep curved surface

Recommended (max.) lifting forces

Model	Volume (cm ³)	Lifting Force (kg) - Perpendicular		
		- 20 kPa	- 60 kPa	- 90 kPa
BL5040	32.3	1.9	3.98	5.25

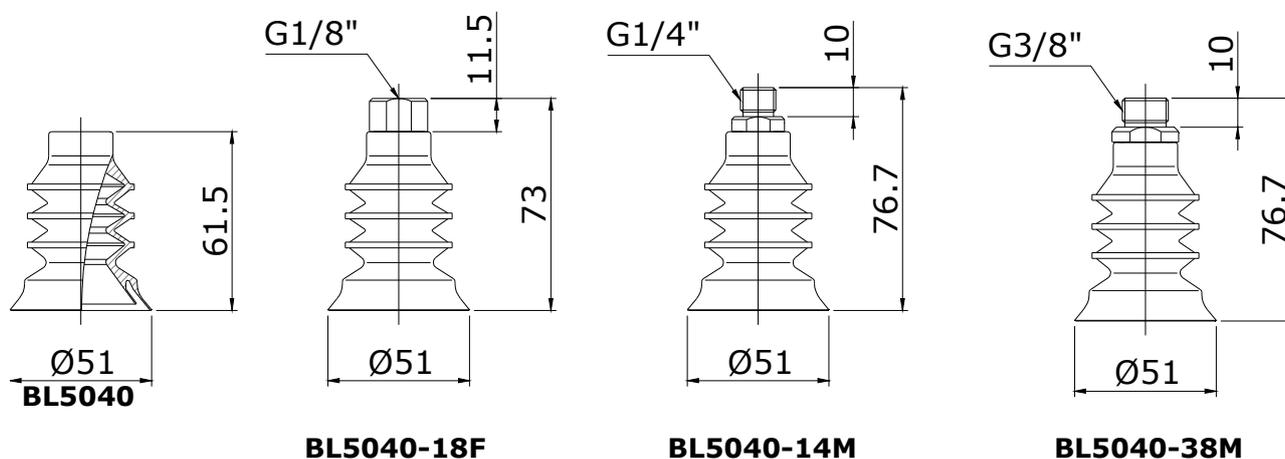
Material Specifications

Material	Hardness Shore (°)	Color	Temperature (°C)
NBR (Nitrile)	60	Black	-20~110
Silicone (S5)	55	Red	-70~200
Silicone (S3)	30	Translucent Blue	-70~200

Material Resistance

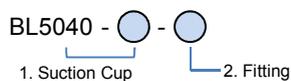
Description	NBR (Nitrile)	Silicone	White Silicone	High temp. Silicone	Conductive Silicone (Anti static)	Urethane	Mark Free	Polyurethane
Wear Resistance	Excellent	Good	Good	Good	Good	Excellent	Good	Excellent
Oil	Excellent	Poor	Poor	Poor	Poor	Excellent	Excellent	Excellent
Weather / Ozone	Fair	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Alcohol	Good	Good	Good	Good	Good	Fair	Good	Fair
Acid	Fair	Poor	Poor	Poor	Poor	Poor	Excellent	Fair

Dimensional Information



[Unit : mm]

Ordering Number



1. Suction cup	Description	Ordering No.
	Suction cup BL5040, Nitrile (NBR)	BL5040-N
	Suction cup BL5040, Silicone (Hardness 50)	BL5040-S5
	Suction cup BL5040, Silicone (Hardness 30)	BL5040-S3
	Suction cup BL5040, G1/8" female, Nitrile (NBR)	BL5040-N-18F
	Suction cup BL5040, G1/8" female, Silicone (Hardness 50)	BL5040-S5-18F
	Suction cup BL5040, G1/8" female, Silicone (Hardness 30)	BL5040-S3-18F
	Suction cup BL5040, G1/4" male, Nitrile (NBR)	BL5040-N-14M
	Suction cup BL5040, G1/4" male, Silicone (Hardness 50)	BL5040-S5-14M
	Suction cup BL5040, G1/4" male, Silicone (Hardness 30)	BL5040-S3-14M
	Suction cup BL5040, G3/8" male, Nitrile (NBR)	BL5040-N-38M
	Suction cup BL5040, G3/8" male, Silicone (Hardness 50)	BL5040-S5-38M
	Suction cup BL5040, G3/8" male, Silicone (Hardness 30)	BL5040-S3-38M