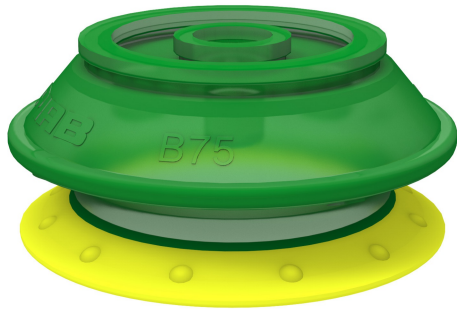


Suction cup B75P Polyurethane 30/60

Item number: B75P.4K



- Reliable handling of difficult objects, e.g. with uneven and porous surfaces such as wood or cardboard etc., particularly with the two-colored suction cups where the harder bellows provide stability while the soft and flexible lips ensure full coverage of such surfaces (only on 30/60 shore version).
- Unspoiled surfaces thanks to the mark-free characteristics of the DURAFLEX® material with the 60 shore lips, i.e. one colored surface, on smooth surfaces such as glass or coated materials (only on 60/60 shore version).
- Allowing movements in all directions thanks to the strong grip of DURAFLEX® material.
- Stable processes with the integrated aluminum plate providing rigidity to avoid bending forces affecting the fittings.
- Enable handling parts with different heights thanks to level adjustment capabilities if several suction cups are combined in one gripper.
- Low downtimes thanks to the high wear resistance and long lasting elastic memory of the DURAFLEX® material.

Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Suction cup design	-	Round
Characteristics	-	Mark free
Material	-	Polyurethane (PU)
Weight, min.	oz	1.8
Suction cup model	-	B-P
Volume	in ³	6.71
Height	in	1.47
Outer diameter, min.	in	3.02
Outer diameter, actuated	in	3.4
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Fitting material	-	None
Suction cup model	-	B75P PU30 PU60
Movement, vertical max.	in	0.9
Curve radius, min.	in	3.54

Performance - Lifting forces

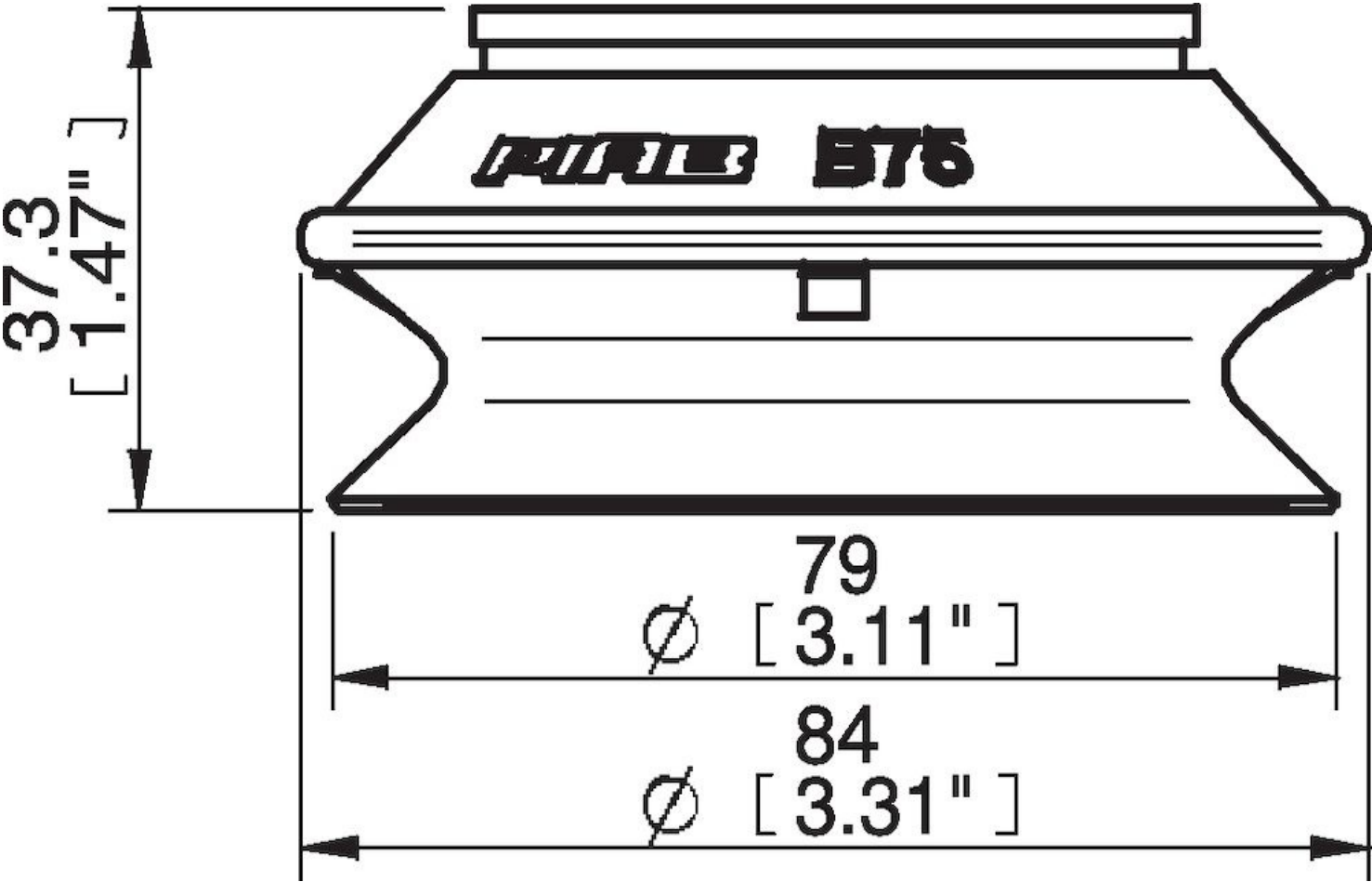
B75P PU30 PU60	Vertical (lb)	Parallel (lb)
5.91 -inHg	13.71	9.89
17.72 -inHg	33.5	21.58
26.58 -inHg	45.41	25.63

Material		
Name	Polyurethane (PU30)	Polyurethane (PU60)
Color	Yellow	Green transparent
Temperature, min. °F	50	50
Temperature max. °F	122	122
Hardness °Shore A	30	60

Material resistance

Alcohol	Not applicable	Not applicable
Concentrated acids	Fair	Fair
Ethanol	Fair	Fair
Hydrolysis	Fair	Fair
Methanol	Poor	Poor
Oil	Excellent	Excellent
Oxidation	Poor	Poor
Gasoline	Fair	Fair
Wear resistance	Excellent	Excellent
Weather and ozone	Excellent	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.

Accessories

- 07NA | Fitting 75, 1/8" NPSF female, clamp ring with mesh filter
- 07ND | Fitting 75, G3/8" female, clamp ring with mesh filter
- 07NE | Fitting 75, 3/8" NPSF female, with mesh filter
- 07NF | Fitting 75, G1/2" female, clamp ring with mesh filter
- 01.07.148 | Thread insert G3/8" male, with O-ring and mesh filter for Vacuum Gripper System (VGS)