SBF POLYURETHANE BELLOWS TRACTION CUPS

The SBF series of vacuum cups are designed to offer the vacuum user a cup that can pick up on angled surfaces and adapt to products such as formed sheet steel that may have a tight radius. The cups include an aluminum male or female threaded fitting for machinery and vacuum source connection.

This cup is available as standard in POLYURETHANE which is a MARK FREE compound. It is as flexible as rubber but much harder wearing. Ideal for handling pressed steel sheet and glass products. Standard Durometer is 60 but other Durometer grades are available upon request.

The single bellows design offers slight vertical movement when vacuum is applied independent of the machinery aiding sheet separation and also compliance on concave and convex surfaces.

APPLICATIONS

- Automotive steel stamping
- Glass handling
- Plywood transfer
- Handling of oily steel surfaces
- Concave and convex surfaces
- Large box & carton handling

SBF – **80** – **PU** – **G3/8F**

Series
SBF

Model	Diameter (mm)
30	30
40	40
50	50
60	60
80	80
100	100

Material	
PU	Polyurethane

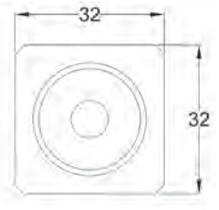
Thread
G1/4F
G1/4M
G3/8F
G3/8M
3/8NPSF

Part number example SBF60-PU-G3/8F 60mm diameter vacuum cup in polyurethane with G3/8 female thread.

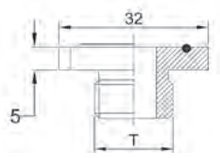
LEVEL COMPENSATORS

Refer to page 1.32 for suitable level compensators for this vacuum cup range.

QUICK RELEASE FITTINGS



Model	T
QRG38	G3/8
QRN38	3/8NPSF



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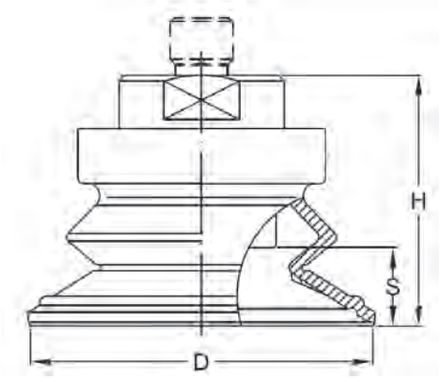
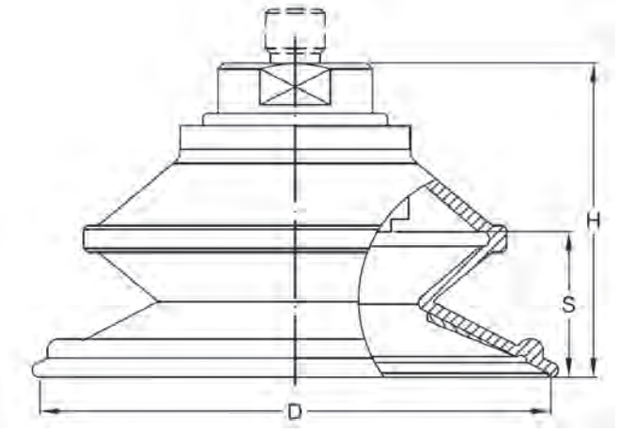
DIMENSIONS (mm)





Model	ØD	H	S
SBF30-PU-18F	30	28	7
SBF30-PU-14F			
SBF30-PU-38F		35	
SBF30-PU-38NPSF			
SBF40-PU-18F	40	28	9
SBF40-PU-14F			
SBF40-PU-38F		42	
SBF40-PU-38NPSF			
SBF50-PU-18F	50	51	12
SBF50-PU-14F		37	
SBF50-PU-38F			
SBF50-PU-38NPSF			

Model	ØD	H	S
SBF60-PU-18F	60	41.5	15
SBF60-PU-14F			
SBF60-PU-38F			
SBF60-PU-38NPSF			
SBF60-PU-12F			
SBF80-PU-18F	80	50	23
SBF80-PU-14F			
SBF80-PU-38F			
SBF80-PU-38NPSF			
SBF80-PU-12F			
SBF100-PU-18F	100	55	21
SBF100-PU-14F			
SBF100-PU-38F			
SBF100-PU-38NPSF			
SBF100-PU-12F			