

# Combined suction cup with sponge

## SPB4f combined suction cup with sponge



Solar energy



Composite material



Battery



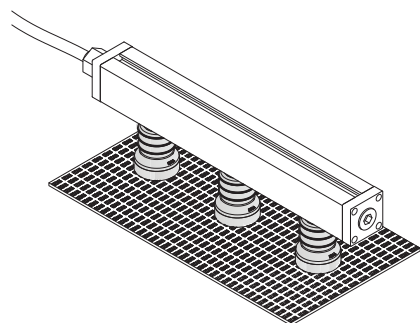
Breathable



SPB4f combined suction cup with sponge

### Introduction

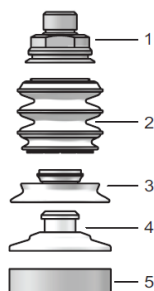
- ◆ The EPDM lip seal is adaptable to surface concaves and convexes
- ◆ Long service life, good sealing effect
- ◆ Can compensate the height difference of irregular products
- ◆ Replaceable sponge lip seal



### Application

- ◆ Handles workpieces with concaves and convexes on surfaces, such as checkered plates
- ◆ Workpieces with marble grain

Application of SPB4f combined suction cup with sponge



### Structure

- ◆ (1) Joint
- ◆ (2) Bellows
- ◆ (3) Lip seal
- ◆ (4) Core
- ◆ (5) Sponge

System design of SPB4f combined suction cup with sponge

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## SPB4f combined suction cup with sponge



Guide to purchase of SPB4f combined suction cup with sponge

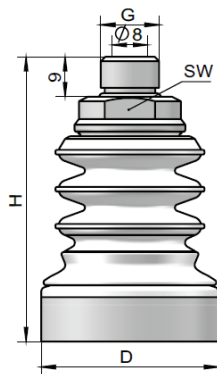
SPB4f 40f SI/NR-90/15

G1/8-IG

① ② ③ ④ ⑤

① Product series	② Lip seal size+foam	③ Bellows material	④ Shore hardness	⑤ Joint specification
SPB4f	30f - $\Phi$ 30mm 40f - $\Phi$ 40mm 60f - $\Phi$ 60mm	SI - silicone NR - natural rubber		G18-AG - G1/8 male thread G18-IG - G1/8 female thread G14-AG - G1/4 male thread G14-IG - G1/4 female thread G38-AG - G3/8 male thread G38-IG - G3/8 female thread

Design parameters of SPB4f combined suction cup with sponge



Model	Size (mm)			
	H	D	SW	G
SPB4f-4-SI/NR-90/15-G1/8-AG	64.1	40	20	G1/8-IG

Technical parameters of SPB4f combined suction cup with sponge

Model	Suction force N
SPB4f 30...	10.5
SPB4f 40...	29.4
SPB4f 60...	75.3