

Art.-Nr.: 10.01.06.04970



SPB2 20 ED-65 NPT1/4-AG

Technical data

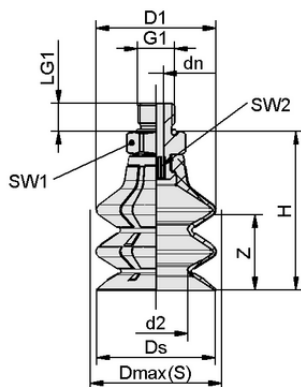
Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	20.00
Number of folds	2.5
Thread G1	NPT1/4"-M

Suction cup SPB2 (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPB2 - elastomer part, available in various diameters
- Connection element of type SC - available with various threads

Available spare parts: suction cup SPB2, connection element (Schmalz-Connector)

Available accessories: pad insert SPI



Design data SPB2 20 ED-65 NPT1/4-AG

Design data

Attribute	Value
Height H	31.30 mm
Outside diameter D1	22.1 mm
Nominal diameter dn	4.10 mm
d2	12.0 mm
Thread G1	NPT1/4"-M
Thread length LG1	10.0 mm
Key width SW1	17.0 mm
Spanner size SW2	4.0 mm
Spring stroke Z	13.0 mm
Diameter Ds	21.4 mm

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**Technical data**

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	20.0 mm
Pull-off force	15.70 N
Suction force (-600mbar)	6.80 N
Weight	6.5 g
Lateral force	8.4 N
Volume	4.200 cm ³
Size	20.00
Number of folds	2.5
Product family	SPB2

Note: Suction force: The suction force values are theoretical values at -600 mbar vacuum and a dry, smooth and even workpiece surface - they are given without safety factors

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.06.04970

**Ordering Data Spare Parts 10.01.06.04970**

Typ		Item number
Schmalz-Connector	SC 040 NPT1/4-AG	10.01.06.04922
Bellows suction cup (round)	SPB2 20 ED-65 SC040	10.01.06.03409

