



SPB2 30 ED-65 NPT1/8-IG

Technical data

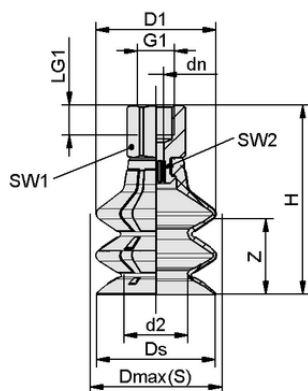
Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	30.00
Number of folds	2.5
Thread G1	NPT1/8"-F

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 30 ED-65 NPT1/8-IG

Design data

Attribute	Value
Height H	50.20 mm
Outside diameter D1	32.2 mm
Nominal diameter dn	4.10 mm
d2	16.9 mm
Thread G1	NPT1/8"-F
Thread length LG1	10.5 mm
Key width SW1	14.0 mm
Spanner size SW2	4.0 mm
Spring stroke Z	20.0 mm
Diameter Ds	31.4 mm
Diameter Dmax(S)	34.0 mm

Art.-Nr.: 10.01.06.04977

**Technical data**

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	30.0 mm
Pull-off force	28.40 N
Suction force (-600mbar)	14.40 N
Weight	10.50 g
Lateral force	12.8 N
Volume	12.400 cm ³
Size	30.00
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/10.01.06.04977

**Ordering Data Spare Parts 10.01.06.04977**

Typ		Item number
Schmalz-Connector	SC 040 NPT1/8-IG	10.01.06.02542
Bellows suction cup (round)	SPB2 30 ED-65 SC040	10.01.06.03411

