



SPB2 40 ED-65 NPT1/4-IG

Technical data

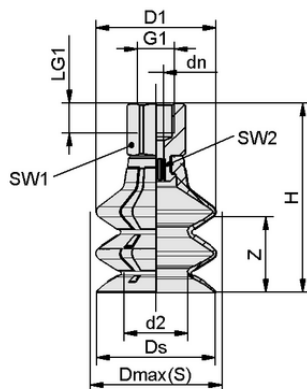
Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	40.00
Number of folds	2.5
Thread G1	NPT1/4"-F

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 40 ED-65 NPT1/4-IG

Design data

Attribute	Value
Height H	62.20 mm
Outside diameter D1	42.2 mm
Nominal diameter dn	6.10 mm
d2	22.9 mm
Thread G1	NPT1/4"-F
Thread length LG1	14.0 mm
Key width SW1	17.0 mm
Spanner size SW2	6.0 mm
Spring stroke Z	25.0 mm
Diameter Ds	41.3 mm
Diameter Dmax(S)	44.5 mm

Art.-Nr.: 10.01.06.04981

**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)	60.0 mm
Pull-off force	40.50 N
Suction force (-600mbar)	24.80 N
Weight	25.00 g
Lateral force	20.3 N
Volume	27.900 cm ³
Size	40.00
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/10.01.06.04981

**Ordering Data Spare Parts 10.01.06.04981**

Typ		Item number
Schmalz-Connector	SC 050 NPT1/4-IG MOD	10.01.06.04902
Bellows suction cup (round)	SPB2 40 ED-65 SC050	10.01.06.03412

