

Art.-Nr.: 10.01.06.03460



SPB2 40 ED-65 G1/4-IG

## Technical data

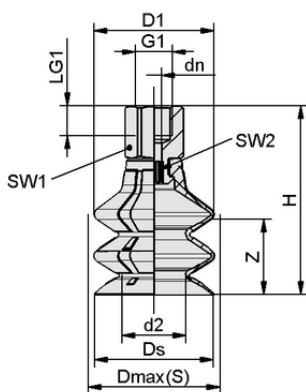
| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65.0 Shore A |
| Size                        | 40.00        |
| Number of folds             | 2.5          |
| Thread G1                   | G1/4"-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 G1/4-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           | G1/4"-F  |
| Thread length LG1   | 12.0 mm  |
| Key width SW1       | 17.0 mm  |
| Spanner size SW2    | 6.0 mm   |
| Spring stroke Z     | 25.0 mm  |
| Diameter Ds         | 41.3 mm  |

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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 | 6.0 mm                 |
| Workpiece radius min. (convex) | 60.0 mm                |
| Pull-off force                 | 40.50 N                |
| Suction force (-600mbar)       | 24.80 N                |
| Weight                         | 25.0 g                 |
| Lateral force                  | 20.3 N                 |
| Volume                         | 27.900 cm <sup>3</sup> |
| 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/10.01.06.03460](http://www.schmalz.com/10.01.06.03460)

**Ordering Data Accessories 10.01.06.03460**

| Typ                   |                    | Item number    |
|-----------------------|--------------------|----------------|
| Schmalz Pad Insert PA | SPI 40 PA SPB2-40  | 10.01.06.04044 |
| Schmalz-Connector     | SC 050 G1/8-AG MOD | 10.01.06.02849 |

**Ordering Data Spare Parts 10.01.06.03460**

| Typ               |                    | Item number    |
|-------------------|--------------------|----------------|
| Schmalz-Connector | SC 050 G1/4-IG MOD | 10.01.06.02488 |

**Ordering Data Wear Parts 10.01.06.03460**

| Typ                         |                     | Item number    |
|-----------------------------|---------------------|----------------|
| Bellows suction cup (round) | SPB2 40 ED-65 SC050 | 10.01.06.03412 |

