

## Serie BSG



## **Serie BSG**

Las pinzas de succión de fuelle AVENTICS serie BSG son aptas para piezas de trabajo con superficies curvas o inclinadas, además de compensar alturas de tolerancia o superficies grandes difíciles de manipular y componentes no rígidos como placas grandes y delgadas.



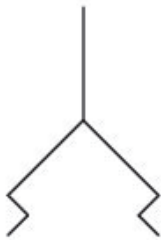
Vista general del producto

**Ventosa con fuelles**

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| Rosca interior                        |    |
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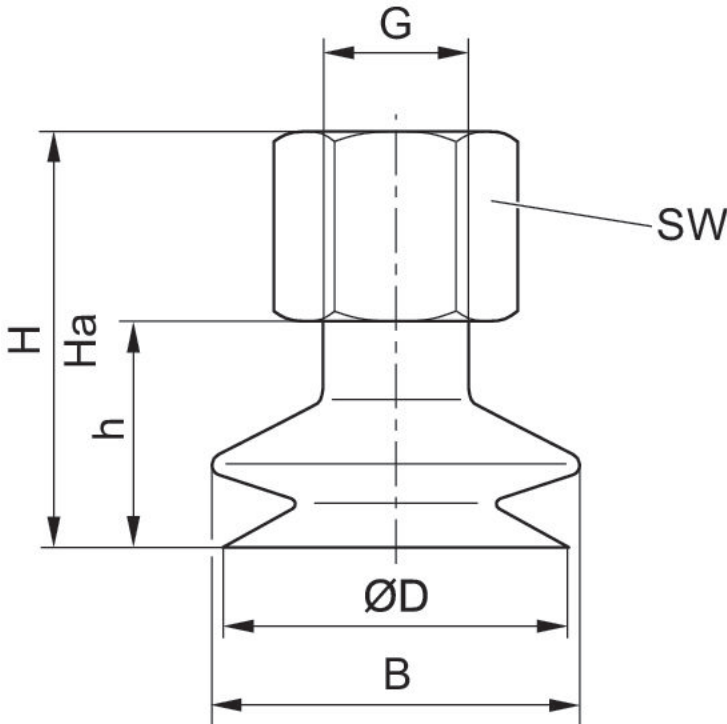
Ventosa con fuelles, serie BSG

Tipo de conexión de aire comprimido: Rosca interior  
Temperatura ambiente mín.: -10 °C  
Temperatura ambiente máx.: 70 °C



| Conexión de aire comprimido | Diámetro exterior [mm] | Fuerza de retención [N] | Fuerza de arranque [N] | Volumen [cm³] | Unidad de suministro [Unidades] | Peso [kg] | Nº de material |
|-----------------------------|------------------------|-------------------------|------------------------|---------------|---------------------------------|-----------|----------------|
| G 1/8                       | 10.4                   | 0.95                    | 3.8                    | 0.23          | 2                               | 0.005     | 1820415032     |
| G 1/8                       | 15.6                   | 2.3                     | 6.7                    | 0.75          | 2                               | 0.006     | 1820415036     |
| G 1/8                       | 20                     | 5.7                     | 15.2                   | 1.4           | 1                               | 0.006     | 1820415040     |
| G 1/4                       | 30                     | 13.6                    | 39.6                   | 4.75          | 1                               | 0.016     | 1820415044     |
| G 1/4                       | 38                     | 22.8                    | 64.5                   | 9.25          | 1                               | 0.019     | 1820415048     |
| G 1/4                       | 50                     | 51.3                    | 95                     | 26.25         | 1                               | 0.027     | 1820415052     |
| G 1/4                       | 74                     | 137.4                   | 218                    | 76            | 1                               | 0.071     | 1820415056     |
| G 1/2                       | 111                    | 280                     | 570                    | 330           | 1                               | 0.425     | 2734110000     |
| G 1/2                       | 150                    | 570                     | 1000                   | 800           | 1                               | 0.91      | 2734150000     |

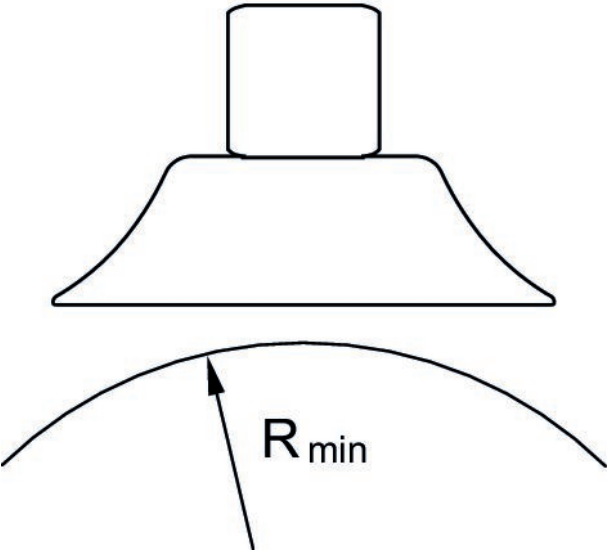
Dimensiones



| N° de material | ØD [mm] | G     | Ha*) | H    | h  | B   | SW |
|----------------|---------|-------|------|------|----|-----|----|
| 1820415032     | 10.4    | G 1/8 | 24   | 28   | 16 | 12  | 14 |
| 1820415036     | 15.6    | G 1/8 | 24   | 31   | 19 | 17  | 14 |
| 1820415040     | 20      | G 1/8 | 25   | 31   | 19 | 24  | 14 |
| 1820415044     | 30      | G 1/4 | 33   | 42   | 27 | 36  | 17 |
| 1820415048     | 38      | G 1/4 | 33   | 43   | 28 | 46  | 17 |
| 1820415052     | 50      | G 1/4 | 37   | 49   | 34 | 59  | 17 |
| 1820415056     | 74      | G 1/4 | 48   | 62   | 47 | 83  | 21 |
| 2734110000     | 111     | G 1/2 | 40.5 | 69.5 | 58 | 122 | –  |
| 2734150000     | 150     | G 1/2 | 52   | 89.5 | 77 | 167 | –  |

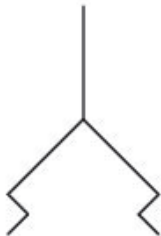
\*) altura en el funcionamiento al vacío

Curvatura máx. del objeto R mín



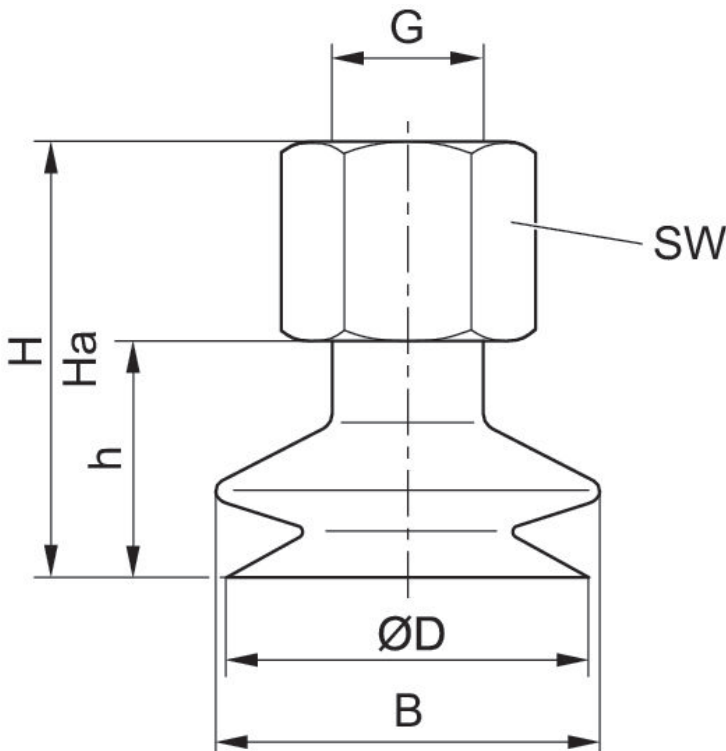
Ventosa con fuelles, serie BSG

Tipo de conexión de aire comprimido: Rosca interior  
Resistencia a la temperatura: Resistente al calor  
Temperatura ambiente mín.: -30 °C  
Temperatura ambiente máx.: 180 °C



| Conexión de aire comprimido | Diámetro exterior [mm] | Fuerza de retención [N] | Fuerza de arranque [N] | Volumen [cm³] | Unidad de suministro [Unidades] | Peso [kg] | Nº de material |
|-----------------------------|------------------------|-------------------------|------------------------|---------------|---------------------------------|-----------|----------------|
| G 1/8                       | 10.4                   | 0.95                    | 3.8                    | 0.23          | 2                               | 0.005     | 1820415030     |
| G 1/8                       | 15.6                   | 2.3                     | 6.7                    | 0.75          | 2                               | 0.0055    | 1820415034     |
| G 1/8                       | 20                     | 5.7                     | 15.2                   | 1.4           | 1                               | 0.0062    | 1820415038     |
| G 1/4                       | 30                     | 13.6                    | 39.6                   | 4.75          | 1                               | 0.016     | 1820415042     |
| G 1/4                       | 38                     | 22.8                    | 64.5                   | 9.25          | 1                               | 0.019     | 1820415046     |
| G 1/4                       | 50                     | 51.3                    | 95                     | 26.25         | 1                               | 0.027     | 1820415050     |
| G 1/4                       | 74                     | 137.4                   | 218                    | 76            | 1                               | 0.071     | 1820415054     |
| G 1/2                       | 111                    | 280                     | 570                    | 330           | 1                               | 0.425     | 2734110100     |
| G 1/2                       | 150                    | 570                     | 1000                   | 800           | 1                               | 0.91      | 2734150100     |

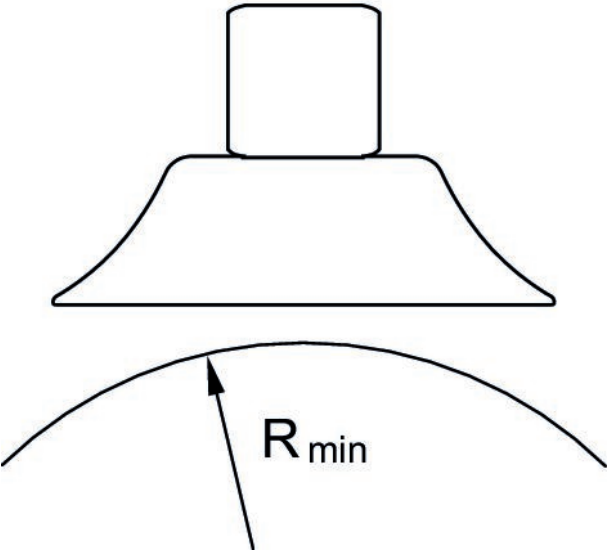
Dimensiones



| N° de material | ØD [mm] | G     | Ha*) | H    | h  | B   | SW |
|----------------|---------|-------|------|------|----|-----|----|
| 1820415030     | 10.4    | G 1/8 | 24   | 28   | 16 | 12  | 14 |
| 1820415034     | 15.6    | G 1/8 | 24   | 31   | 19 | 17  | 14 |
| 1820415038     | 20      | G 1/8 | 25   | 31   | 19 | 24  | 14 |
| 1820415042     | 30      | G 1/4 | 33   | 42   | 27 | 36  | 17 |
| 1820415046     | 38      | G 1/4 | 33   | 43   | 28 | 46  | 17 |
| 1820415050     | 50      | G 1/4 | 37   | 49   | 34 | 59  | 17 |
| 1820415054     | 74      | G 1/4 | 48   | 62   | 47 | 83  | 21 |
| 2734110100     | 111     | G 1/2 | 40.5 | 69.5 | 58 | 122 | –  |
| 2734150100     | 150     | G 1/2 | 52   | 89.5 | 77 | 167 | –  |

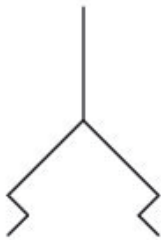
\*) altura en el funcionamiento al vacío

Curvatura máx. del objeto R mín



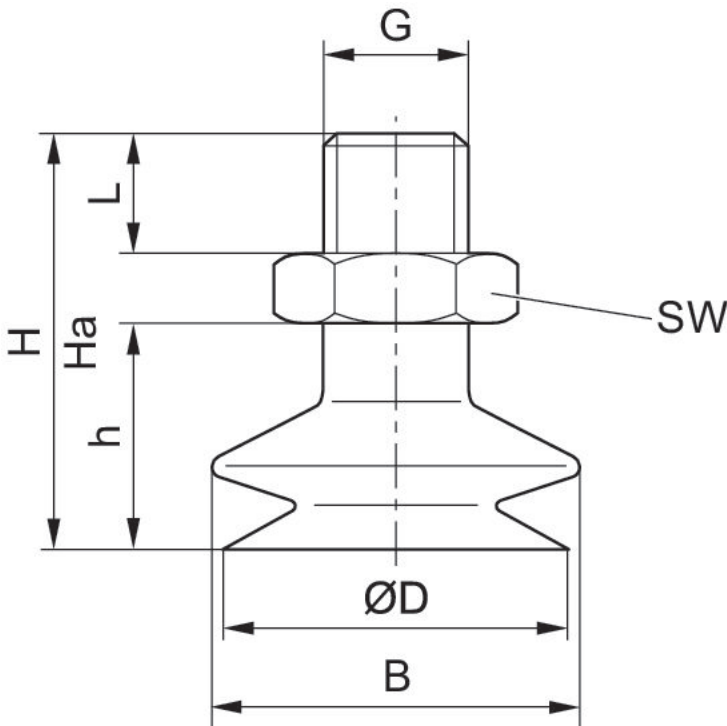
Ventosa con fuelles, serie BSG

Tipo de conexión de aire comprimido: rosca exterior  
Temperatura ambiente mín.: -10 °C  
Temperatura ambiente máx.: 70 °C



| Conexión de aire comprimido | Diámetro exterior [mm] | Fuerza de retención [N] | Fuerza de arranque [N] | Volumen [cm³] | Unidad de suministro [Unidades] | Peso [kg] | Nº de material |
|-----------------------------|------------------------|-------------------------|------------------------|---------------|---------------------------------|-----------|----------------|
| G 1/8                       | 10.4                   | 0.95                    | 3.8                    | 0.23          | 2                               | 0.005     | 1820415031     |
| G 1/8                       | 15.6                   | 2.3                     | 6.7                    | 0.75          | 2                               | 0.006     | 1820415035     |
| G 1/8                       | 20                     | 5.7                     | 15.2                   | 1.4           | 1                               | 0.006     | 1820415039     |
| G 1/4                       | 30                     | 13.6                    | 39.6                   | 4.75          | 1                               | 0.016     | 1820415043     |
| G 1/4                       | 38                     | 22.8                    | 64.5                   | 9.25          | 1                               | 0.019     | 1820415047     |
| G 1/4                       | 50                     | 51.3                    | 95                     | 26.25         | 1                               | 0.027     | 1820415051     |
| G 1/4                       | 74                     | 137.4                   | 218                    | 76            | 1                               | 0.071     | 1820415055     |

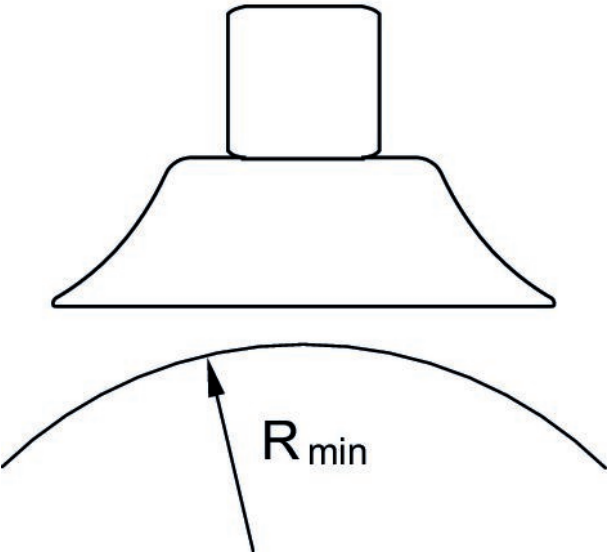
Dimensiones



| N° de material | ØD [mm] | G     | Ha*) | H    | h  | B  | SW | L   |
|----------------|---------|-------|------|------|----|----|----|-----|
| 1820415031     | 10.4    | G 1/8 | 25.5 | 29.5 | 16 | 12 | 14 | 7.5 |
| 1820415035     | 15.6    | G 1/8 | 25.5 | 32.5 | 19 | 17 | 14 | 7.5 |
| 1820415039     | 20      | G 1/8 | 27.5 | 32.5 | 19 | 24 | 14 | 7.5 |
| 1820415043     | 30      | G 1/4 | 33   | 42   | 27 | 36 | 17 | 11  |
| 1820415047     | 38      | G 1/4 | 33   | 43   | 28 | 46 | 17 | 11  |
| 1820415051     | 50      | G 1/4 | 37   | 49   | 34 | 59 | 17 | 11  |
| 1820415055     | 74      | G 1/4 | 50   | 64   | 47 | 83 | 21 | 11  |

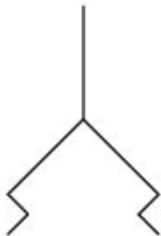
\*) altura en el funcionamiento al vacío

Curvatura máx. del objeto R mín



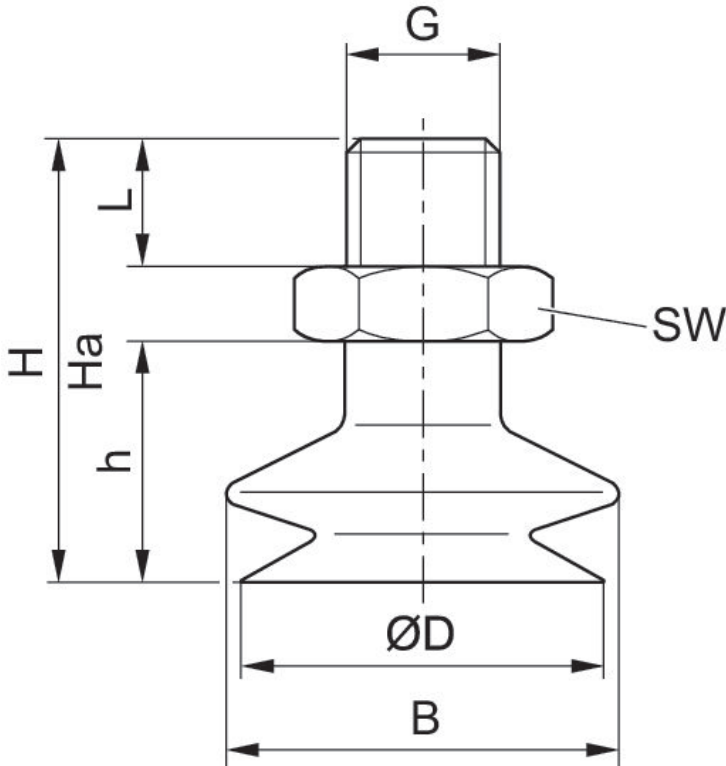
Ventosa con fuelles, serie BSG

Tipo de conexión de aire comprimido: rosca exterior  
Resistencia a la temperatura: Resistente al calor  
Temperatura ambiente mín.: -30 °C  
Temperatura ambiente máx.: 180 °C



| Conexión de aire comprimido | Diámetro exterior [mm] | Fuerza de retención [N] | Fuerza de arranque [N] | Volumen [cm³] | Unidad de suministro [Unidades] | Peso [kg] | Nº de material |
|-----------------------------|------------------------|-------------------------|------------------------|---------------|---------------------------------|-----------|----------------|
| G 1/8                       | 10.4                   | 0.95                    | 3.8                    | 0.23          | 2                               | 0.005     | 1820415029     |
| G 1/8                       | 15.6                   | 2.3                     | 6.7                    | 0.75          | 2                               | 0.006     | 1820415033     |
| G 1/8                       | 20                     | 5.7                     | 15.2                   | 1.4           | 1                               | 0.006     | 1820415037     |
| G 1/4                       | 30                     | 13.6                    | 39.6                   | 4.75          | 1                               | 0.016     | 1820415041     |
| G 1/4                       | 38                     | 22.8                    | 64.5                   | 9.25          | 1                               | 0.019     | 1820415045     |
| G 1/4                       | 50                     | 51.3                    | 95                     | 26.25         | 1                               | 0.027     | 1820415049     |
| G 1/4                       | 74                     | 137.4                   | 218                    | 76            | 1                               | 0.071     | 1820415053     |

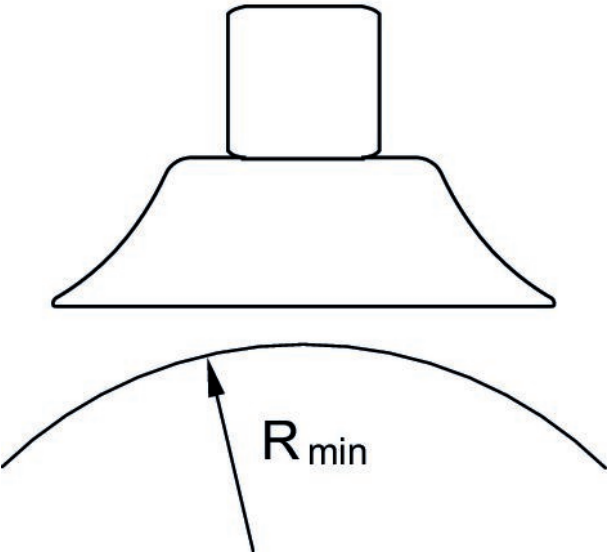
Dimensiones



| N° de material | ØD [mm] | G     | Ha*) | H    | h  | B  | SW | L   |
|----------------|---------|-------|------|------|----|----|----|-----|
| 1820415029     | 10.4    | G 1/8 | 25.5 | 29.5 | 16 | 12 | 14 | 7.5 |
| 1820415033     | 15.6    | G 1/8 | 25.5 | 32.5 | 19 | 17 | 14 | 7.5 |
| 1820415037     | 20      | G 1/8 | 27.5 | 32.5 | 19 | 24 | 14 | 7.5 |
| 1820415041     | 30      | G 1/4 | 33   | 42   | 27 | 36 | 17 | 11  |
| 1820415045     | 38      | G 1/4 | 33   | 43   | 28 | 46 | 17 | 11  |
| 1820415049     | 50      | G 1/4 | 37   | 49   | 34 | 59 | 17 | 11  |
| 1820415053     | 74      | G 1/4 | 50   | 64   | 47 | 83 | 21 | 11  |

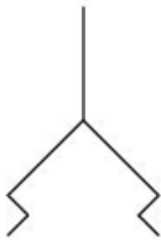
\*) altura en el funcionamiento al vacío

Curvatura máx. del objeto R mín



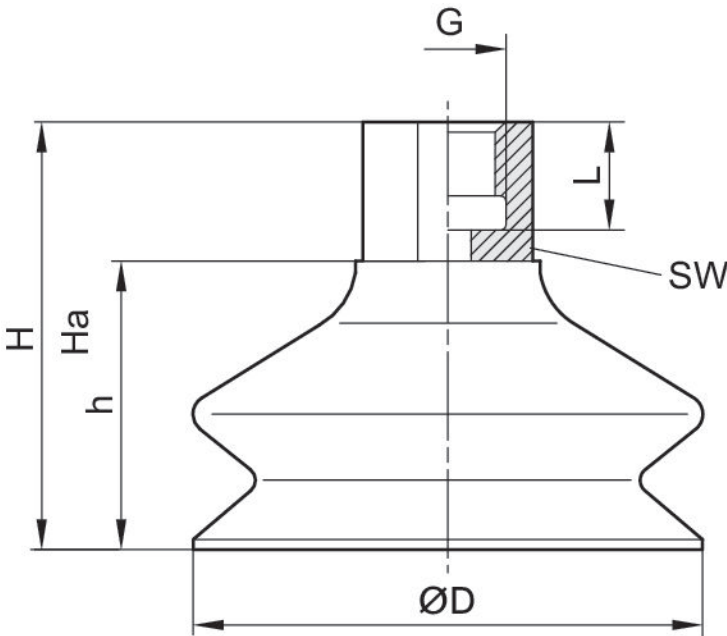
Ventosa con fuelles, serie BSG

Tipo de conexión de aire comprimido: Rosca interior  
Temperatura ambiente mín.: -40 °C  
Temperatura ambiente máx.: 80 °C



| Conexión de aire comprimido | Diámetro exterior [mm] | Fuerza de retención [N] | Fuerza de arranque [N] | Volumen [cm³] | Unidad de suministro [Unidades] | Peso [kg] | Nº de material |
|-----------------------------|------------------------|-------------------------|------------------------|---------------|---------------------------------|-----------|----------------|
| G 1/4                       | 29                     | 13.5                    | 32                     | 4.2           | 1                               | 0.014     | 1820415158     |
| G 1/4                       | 38                     | 33                      | 56                     | 11.3          | 1                               | 0.016     | 1820415174     |
| G 1/4                       | 47                     | 52                      | 88                     | 22.6          | 1                               | 0.025     | 1820415176     |
| G 1/4                       | 59                     | 75                      | 120                    | 31            | 1                               | 0.038     | 1820415159     |
| G 1/4                       | 84                     | 140                     | 250                    | 78            | 1                               | 0.114     | 1820415160     |

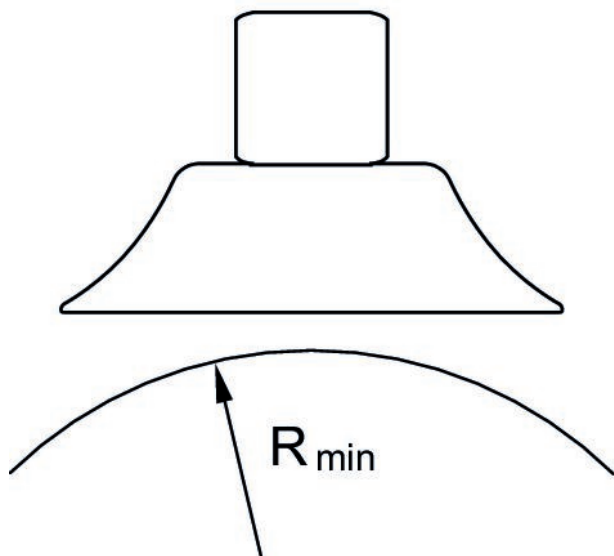
Dimensiones



| Nº de material | ØD [mm] | G     | Ha*) | H    | h    | L  | SW |
|----------------|---------|-------|------|------|------|----|----|
| 1820415158     | 29      | G 1/4 | 33.5 | 42   | 27   | 12 | 17 |
| 1820415174     | 38      | G 1/4 | 28.2 | 41   | 26   | 12 | 17 |
| 1820415176     | 47      | G 1/4 | 33   | 47.5 | 32.5 | 12 | 17 |
| 1820415159     | 59      | G 1/4 | 36.5 | 49   | 34   | 12 | 17 |
| 1820415160     | 84      | G 1/4 | 47   | 62   | 47   | 12 | 22 |

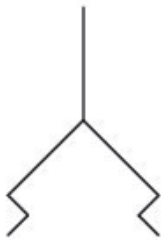
\*) altura en el funcionamiento al vacío

**Curvatura máx. del objeto R mín**



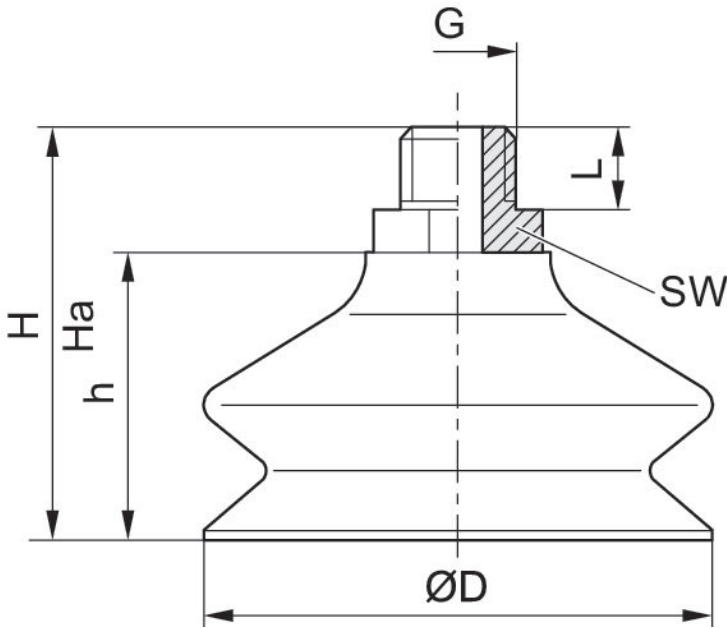
Ventosa con fuelles, serie BSG

Tipo de conexión de aire comprimido: rosca exterior  
Temperatura ambiente mín.: -40 °C  
Temperatura ambiente máx.: 80 °C



| Conexión de aire comprimido | Diámetro exterior [mm] | Fuerza de retención [N] | Fuerza de arranque [N] | Volumen [cm³] | Unidad de suministro [Unidades] | Peso [kg] | Nº de material |
|-----------------------------|------------------------|-------------------------|------------------------|---------------|---------------------------------|-----------|----------------|
| G 1/4                       | 29                     | 13.5                    | 32                     | 4.2           | 1                               | 0.015     | 1820415115     |
| G 1/4                       | 38                     | 33                      | 56                     | 11.3          | 1                               | 0.017     | 1820415175     |
| G 1/4                       | 47                     | 52                      | 88                     | 22.6          | 1                               | 0.026     | 1820415177     |
| G 1/4                       | 59                     | 75                      | 120                    | 31            | 1                               | 0.038     | 1820415116     |
| G 1/4                       | 84                     | 140                     | 250                    | 78            | 1                               | 0.109     | 1820415117     |

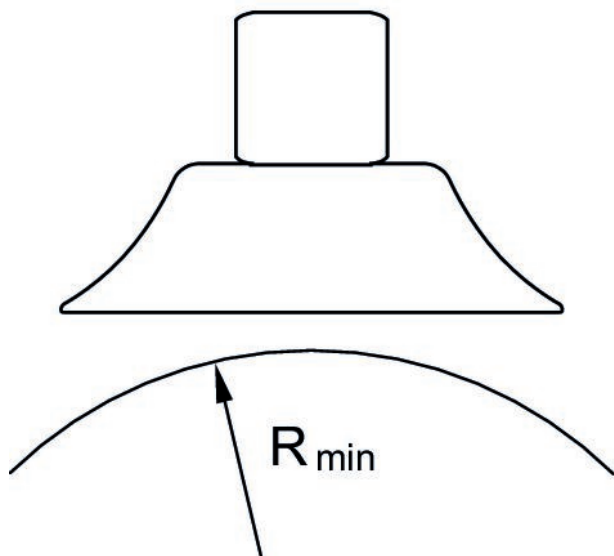
Dimensiones



| Nº de material | ØD [mm] | G     | Ha*) | H    | h    | L  | SW |
|----------------|---------|-------|------|------|------|----|----|
| 1820415115     | 29      | G 1/4 | 33.5 | 42   | 27   | 10 | 17 |
| 1820415175     | 38      | G 1/4 | 27.2 | 41   | 26   | 10 | 17 |
| 1820415177     | 47      | G 1/4 | 33   | 47.5 | 32.5 | 10 | 17 |
| 1820415116     | 59      | G 1/4 | 36.5 | 49   | 34   | 10 | 17 |
| 1820415117     | 84      | G 1/4 | 47   | 62   | 47   | 10 | 22 |

\*) altura en el funcionamiento al vacío

**Curvatura máx. del objeto R mín**



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control valves



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