



Nominal Diameter

6 = 30 mm<sup>2</sup>

RECTUS Series

51KB



actual size



You will find the following alternative versions in our current catalogue on page:

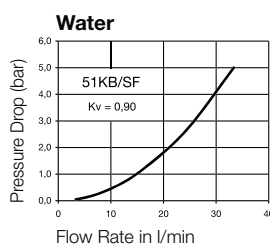
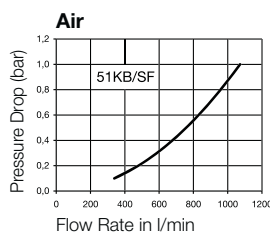
► Brass/Steel Double Shut-off P. 130

**Technical Description**

German industrial profile with UltraFlo technology. Small dimensions. Robust steel coupling for compressed air applications, especially with oscillating forces due to the greater insert depth of the plug profile and steel sleeve.

**Dust Caps (P. 331)**

for coupling Part.-No. SK23S

**Chart****Advantages**

Single handed operation.  
Ergonomic design. High flow valve.

**Interchangeability**

WALTHER SP006

**Material****Coupling**

Back Body  
Valve Body  
Sleeve  
Valve  
Spring and Locking Ring  
Locking Balls  
Seals  
Spring Plate

**Plug**

Plug

**Working Pressure**

PB = 50 bar, maximum static working pressure with safety factor of 4 to 1.

**Working Temperature\***

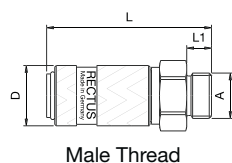
-20°C up to +100°C (NBR)  
-40°C up to +120/150°C (EPDM)  
-15°C up to +200°C (FKM)  
depending on the medium.

\*At a temperature below -20°C and above +100°C special seals are available on request.

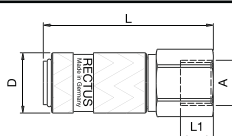
**Standard**

Brass, Nickel Plated  
Steel, Nickel Plated  
Steel Hardened, Nickel Plated  
Brass, Nickel Plated  
AISI 301  
AISI 420  
NBR  
Brass

Steel Hardened, Nickel Plated

**Couplings****RECTUS Series 51KB**

Male Thread

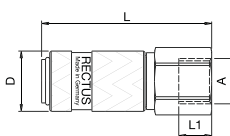
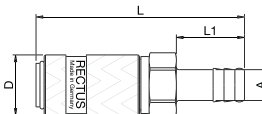


Female Thread

|               | Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version  | Part Number   |
|---------------|--------------|--------|------|------|-------|-------|----------|------|------|----------|---------------|
| Male Thread   | G 1/4        | 22     | 61   | 22   | 9     |       |          |      |      | Standard | 51KB AW13 SPN |
|               | G 3/8        | 22     | 61   | 22   | 9     |       |          |      |      | Standard | 51KB AW17 SPN |
|               | G 1/2        | 22     | 61   | 22   | 12    |       |          |      |      | Standard | 51KB AW21 SPN |
| Female Thread | G 1/4        | 22     | 63   | 22   | 12    |       |          |      |      | Standard | 51KB IW13 SPN |
|               |              |        |      |      |       |       |          |      |      |          |               |
|               |              |        |      |      |       |       |          |      |      |          |               |

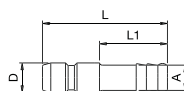
## Couplings

## RECTUS Series 51KB

|                                                                                                        | Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version  | Part Number   |  |
|--------------------------------------------------------------------------------------------------------|--------------|--------|------|------|-------|-------|----------|------|------|----------|---------------|--|
|  <p>Female Thread</p> | G 3/8        | 22     | 63   | 22   | 12    |       |          |      |      | Standard | 51KB IW17 SPN |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|  <p>Hose Barb</p>     | G 1/2        | 24     | 64   | 22   | 13    |       |          |      |      | Standard | 51KB IW21 SPN |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        | 6 mm         | 21     | 78   | 22   | 25    |       |          |      |      | Standard | 51KB TF06 SPN |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        | 9 mm         | 21     | 78   | 22   | 25    |       |          |      |      | Standard | 51KB TF09 SPN |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        | 13 mm        | 21     | 78   | 22   | 25    |       |          |      |      | Standard | 51KB TF13 SPN |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                        |              |        |      |      |       |       |          |      |      |          |               |  |

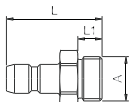
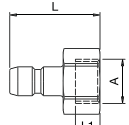
## Plugs

## RECTUS Series 51KB

|                                                                                                      | Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version  | Part Number   |  |
|------------------------------------------------------------------------------------------------------|--------------|--------|------|------|-------|-------|----------|------|------|----------|---------------|--|
|  <p>Hose Barb</p> | 6 mm         |        | 46   | 11   | 25    |       |          |      |      | Standard | 51SF TF06 SXN |  |
|                                                                                                      |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                      |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                      | 9 mm         |        | 46   | 11   | 25    |       |          |      |      | Standard | 51SF TF09 SXN |  |
|                                                                                                      |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                      |              |        |      |      |       |       |          |      |      |          |               |  |

## Plugs

## RECTUS Series 51KB

|                                                                                                          | Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version  | Part Number   |  |
|----------------------------------------------------------------------------------------------------------|--------------|--------|------|------|-------|-------|----------|------|------|----------|---------------|--|
|  <p>Male Thread</p>   | G 1/4        | 17     | 35   |      | 9     |       |          |      |      | Standard | 51SF AW13 SXN |  |
|                                                                                                          |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                          |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                          | G 3/8        | 19     | 36   |      | 9     |       |          |      |      | Standard | 51SF AW17 SXN |  |
|                                                                                                          |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                          |              |        |      |      |       |       |          |      |      |          |               |  |
|  <p>Female Thread</p> | G 1/4        | 17     | 34   |      | 11    |       |          |      |      | Standard | 51SF IW13 SXN |  |
|                                                                                                          |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                          |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                          | G 3/8        | 19     | 34   |      | 11    |       |          |      |      | Standard | 51SF IW17 SXN |  |
|                                                                                                          |              |        |      |      |       |       |          |      |      |          |               |  |
|                                                                                                          |              |        |      |      |       |       |          |      |      |          |               |  |

⚠ Please consider our security advices on the pages 12/13 ⚠