



Nominal Diameter

5,5 = 25 mm<sup>2</sup>

RECTUS Series

18KA



actual size



**Technical Description**

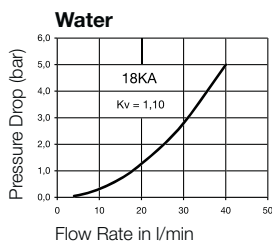
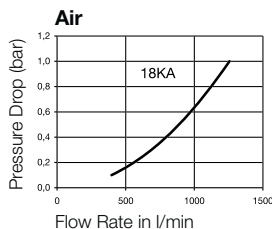
ISO 6150 C industrial coupling with UltraFlo technology. Robust design. The steel sleeve counters oscillating forces. System has limited use for liquids (steel sleeve/zinc die cast valve).

**Dust Caps (P. 331)**

for coupling Part.-No. SK23S



**Chart**



**Advantages**

Single handed operation. Innovative valve technology. Plug design optimised through greater insert depth. High flow valve.

**Interchangeability**

CEJN 291  
OETIKER  
ISO 6150 C

**Working Pressure**

PB = 35 bar, maximum static working pressure with safety factor of 4 to1.

**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.

**Material**

**Coupling**  
Back Body  
Valve Body  
Sleeve  
Valve  
Inner Sleeve  
Spring Plate  
Spring and Locking Ring  
Locking Balls  
Seals

**Standard**

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

**Plug**

Plug

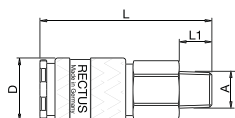
Steel Hardened, Nickel Plated

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

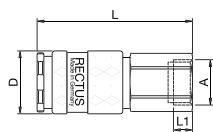
► Safety Self-Venting P. 282

**Couplings**

**RECTUS Series 18KA**



Male Thread

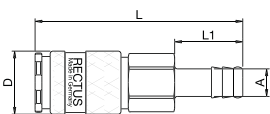


Female Thread

| Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version  | Part Number   |
|--------------|--------|------|------|-------|-------|----------|------|------|----------|---------------|
| R 1/4        | 19     | 63   | 23   | 12    |       |          |      |      | Standard | 18KA AK13 MPN |
| R 3/8        | 19     | 62   | 23   | 12    |       |          |      |      | Standard | 18KA AK17 MPN |
| R 1/2        | 22     | 63   | 23   | 17    |       |          |      |      | Standard | 18KA AK21 MPN |
| G 1/4        | 19     | 58   | 23   | 9     |       |          |      |      | Standard | 18KA IW13 MPN |
| G 3/8        | 19     | 57   | 23   | 9     |       |          |      |      | Standard | 18KA IW17 MPN |
| G 1/2        | 24     | 60   | 23   | 12    |       |          |      |      | Standard | 18KA IW21 MPN |

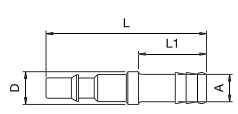
## Couplings

## RECTUS Series 18KA

|  | 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         | 19     | 76   | 23   | 25    |       |          |      |      | Standard | 18KA TF06 MPN |
|  | 8 mm         | 19     | 76   | 23   | 25    |       |          |      |      | Standard | 18KA TF08 MPN |
|  | 10 mm        | 19     | 76   | 23   | 25    |       |          |      |      | Standard | 18KA TF10 MPN |
|  | 13 mm        | 19     | 76   | 23   | 25    |       |          |      |      | Standard | 18KA TF13 MPN |

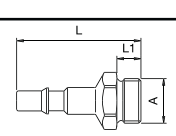
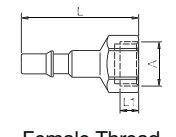
## Plugs

## RECTUS Series 18KA

|   | 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         |        | 59   | 12   | 25    |       |          |      |      | Standard | 18SF TF06 SXN |
|   | 8 mm         |        | 59   | 12   | 25    |       |          |      |      | Standard | 18SF TF08 SXN |
|   | 10 mm        |        | 59   | 12   | 25    |       |          |      |      | Standard | 18SF TF10 SXN |

## Plugs

## RECTUS Series 18KA

|  | 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     | 41   |      | 9     |       |          |      |      | Standard | 18SF AW13 SXN |
|  | G 3/8        | 19     | 41   |      | 9     |       |          |      |      | Standard | 18SF AW17 SXN |
|  <p>Female Thread</p> | G 1/4        | 17     | 43   |      | 9     |       |          |      |      | Standard | 18SF IW13 SXN |
|  | G 3/8        | 19     | 44   |      | 9     |       |          |      |      | Standard | 18SF IW17 SXN |