

# RECTUS SERIES 17KA



## Brass/Steel Low Pressure Quick Release Couplings, Nominal Diameter 5 = 20mm<sup>2</sup>

Brass/steel industrial coupling with English profile specifically suited to compressed air applications in industry. Coupling system with single-hand operation. High flow valve for optimum flow and low pressure drop. Versatile due to slim design and light weight. Series 17 with additional end connections available on request.



### Working Temperature:

-20°C to +100°C (NBR) depending on the medium.

For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.



### Working Pressure:

35 bar

Maximum static working pressure with design factor 4 to 1.

### Material:

- Coupling: brass nickel plated, steel zinc plated
- Plug: steel nickel plated
- Seals: NBR

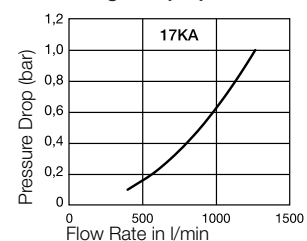
### Technical Description:

- Connecting Force 0 bar: 30 N
- Connecting Force 6 bar: 115 N
- Vacuum coupling: 96%
- Vacuum connected: 96%

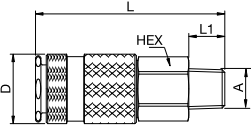
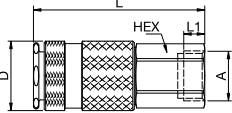
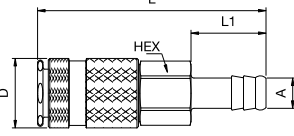
### Interchangeability:

- Schrader DN 5

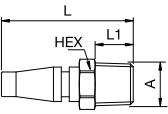
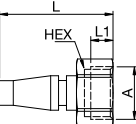
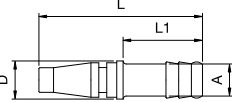
### Flow Diagram (Air)



## Couplings, with Valve

|  | Connection A | HEX mm | L mm | L1 mm | D mm | Part Number |
|--|--------------|--------|------|-------|------|-------------|
|  <p>Male Thread</p>   | R 1/4        | 19     | 63   | 12    | 23   | 17KAAK13SPN |
|  | R 3/8        | 19     | 62   | 12    | 23   | 17KAAK17SPN |
|  | R 1/2        | 22     | 63   | 17    | 23   | 17KAAK21SPN |
|  <p>Female Thread</p> | G 1/4        | 19     | 58   | 9     | 23   | 17KAIW13SPN |
|  | G 3/8        | 19     | 57   | 9     | 23   | 17KAIW17SPN |
|  | G 1/2        | 24     | 60   | 12    | 23   | 17KAIW21SPN |
|  <p>Hose Barb</p>     | 6 mm         | 19     | 76   | 25    | 23   | 17KATF06SPN |
|  | 8 mm         | 19     | 76   | 25    | 23   | 17KATF08SPN |
|  | 10 mm        | 19     | 76   | 25    | 23   | 17KATF10SPN |
|  | 13 mm        | 19     | 76   | 25    | 23   | 17KATF13SPN |

## Plugs, without Valve

|  | Connection A | HEX mm | L mm | L1 mm | D mm | Part Number |
|--|--------------|--------|------|-------|------|-------------|
|  <p>Male Thread</p>   | R 1/8        | 11     | 37   | 9     |      | 17SFAK10SXN |
|  | R 1/4        | 14     | 42   | 12    |      | 17SFAK13SXN |
|  <p>Female Thread</p> | G 1/8        | 14     | 33   | 7     |      | 17SFIW10SXN |
|  | G 1/4        | 17     | 36   | 9     |      | 17SFIW13SXN |
|  <p>Hose Barb</p>     | 6 mm         |        | 58   | 25    | 12   | 17SFTF06SXN |
|  | 8 mm         |        | 52   | 25    | 12   | 17SFTF08SXN |
|  | 10 mm        |        | 52   | 25    | 12   | 17SFTF10SXN |