

Brass/Steel

Nominal Diameter

**7,5** = 45 mm<sup>2</sup>



Rectus Series

**13**

Low Pressure



Robust brass coupling with Japanese industrial profile.  
Coupling system with single-hand operation. Above average flow volumes and structure resistant to the effects of external forces.

Series 13 in brass material with nickel plating and with additional end connections available on request.

**Working Temperature\***  
-20°C up 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  
**Plug:** Steel nickel plated  
**Seals:** NBR

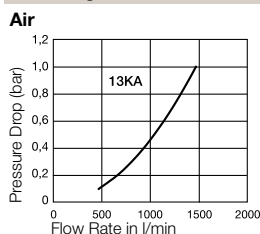
#### Technical Description

Connecting Force 0 bar: 45 N  
Connecting Force 6 bar: 105 N

#### Interchangeability (KA only)

- Nitto-Kohki 200
- Cejn 314
- Cejn 315

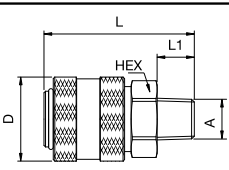
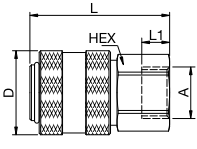
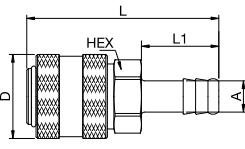
#### Flow diagrams





## Coupling – with valve

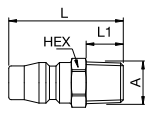
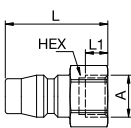
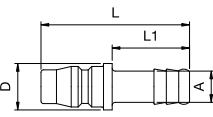
## Series 13KA

|                                                                                                    | Connection<br>A | HEX<br>mm | L<br>mm | L1<br>mm | D<br>mm | Part Number |
|----------------------------------------------------------------------------------------------------|-----------------|-----------|---------|----------|---------|-------------|
| <br>Male Thread   | R 1/4           | 22        | 49      | 12       | 27      | 13KAAK13MPX |
|                                                                                                    | R 3/8           | 22        | 49      | 12       | 27      | 13KAAK17MPX |
|                                                                                                    | R 1/2           | 22        | 53      | 17       | 27      | 13KAAK21MPX |
|                                                                                                    |                 |           |         |          |         |             |
| <br>Female Thread | G 1/4           | 22        | 45      | 9        | 27      | 13KAIW13MPX |
|                                                                                                    | G 3/8           | 22        | 45      | 9        | 27      | 13KAIW17MPX |
|                                                                                                    | G 1/2           | 24        | 48      | 12       | 27      | 13KAIW21MPX |
|                                                                                                    |                 |           |         |          |         |             |
| <br>Hose Barb     | 6 mm            | 21        | 62      | 25       | 27      | 13KATF06MPX |
|                                                                                                    | 8 mm            | 21        | 62      | 25       | 27      | 13KATF08MPX |
|                                                                                                    | 10 mm           | 21        | 62      | 25       | 27      | 13KATF10MPX |
|                                                                                                    | 13 mm           | 21        | 62      | 25       | 27      | 13KATF13MPX |
|                                                                                                    |                 |           |         |          |         |             |



## Plugs – without valve

## Series 13KA

|                                                                                                      | Connection<br>A | HEX<br>mm | L<br>mm | L1<br>mm | D<br>mm | Part Number |
|------------------------------------------------------------------------------------------------------|-----------------|-----------|---------|----------|---------|-------------|
| <br>Male Thread   | R 1/4           | 14        | 37      | 12       |         | 13SFAK13SXN |
|                                                                                                      | R 3/8           | 17        | 37      | 12       |         | 13SFAK17SXN |
|                                                                                                      | R 1/2           | 22        | 44      | 17       |         | 13SFAK21SXN |
|                                                                                                      |                 |           |         |          |         |             |
| <br>Female Thread | G 1/4           | 17        | 34      | 9        |         | 13SFIW13SXN |
|                                                                                                      | G 3/8           | 19        | 34      | 9        |         | 13SFIW17SXN |
|                                                                                                      |                 |           |         |          |         |             |
|                                                                                                      |                 |           |         |          |         |             |
| <br>Hose Barb     | 6 mm            |           | 48      | 25       | 15      | 13SFTF06SXN |
|                                                                                                      | 8 mm            |           | 48      | 25       | 15      | 13SFTF08SXN |
|                                                                                                      | 10 mm           |           | 48      | 25       | 15      | 13SFTF10SXN |
|                                                                                                      | 13 mm           |           | 48      | 25       | 15      | 13SFTF13SXN |
|                                                                                                      |                 |           |         |          |         |             |

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