## Nominal Diameter

# 7,4 = 43 mm²

## Tema Series

# 1300



Series 1300 is used mainly for applications in the area of compressed air and liquids. Optimally suited to use with liquid and aggressive media. The coupling series stands out for its compact design and corrosion resistance. Ultra High Flow valve for optimum flow and low pressure drop.

Series 1300 with additional end connections available on request.

**Dust Protections** **(P. 250)**
for Coupling Part.-No. 1315-QC
for Plug Part.-No. 1325-QC

**Working Temperature***
-25°C up to +200°C (FKM)
depending on the medium.

* For temperatures below -25°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

**Other designs in series 1300**
The following other designs can be found from page:

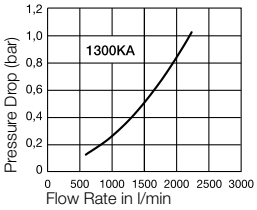
➤ Brass / Steel P. 64

| KA Single Shut-Off | KB Double Shut-Off |
|---|---|
| **Working Pressure**** | |
| 35 bar<br>** maximum static working pressure with design factor 4 to 1. | 50 bar |
| **Features** | |
| • Single-hand operation | • Two-hand operation |
| **Material** | |
| **Coupling:** AISI 316<br>**Plug:** AISI 316<br>**Seals:** FKM | **Coupling:** AISI 316<br>**Plug:** AISI 316<br>**Seals:** FKM |

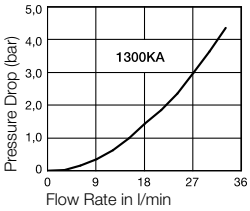
**Interchangeability (KA only)**
- Tema Design

**Flow diagrams**

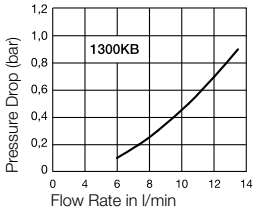
**Air**



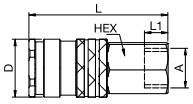

**Water**



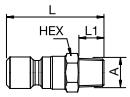
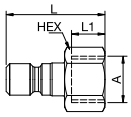

**Water**



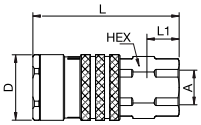
## Couplings – with valve — Series 1300KA

| | Connection A | HEX mm | L mm | L1 mm | D mm | Part Number |
|---|---|---|---|---|---|---|
|  Female Thread | G 1/4 | 18 | 49 | 8,75 | 22 | 1300KAIW13EVX |

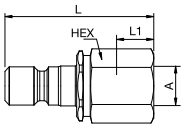
## Plugs – without valve — Series 1300KA

| | Connection A | HEX mm | L mm | L1 mm | D mm | Part Number |
|---|---|---|---|---|---|---|
|  Male Thread | G 1/8 | 13 | 35 | 9 | | 1300SFAW10EXX |
|  Female Thread | G 1/4 | 16 | 36 | 10 | | 1300SFIW13EXX |

## Couplings – with valve — Series 1300KB

| | Connection A | HEX mm | L mm | L1 mm | D mm | Part Number |
|---|---|---|---|---|---|---|
|  Female Thread | G 1/4 | 18 | 49 | 8 | 22 | 1300KBIW13EVX |

## Plugs – with valve — Series 1300KB

| | Connection A | HEX mm | L mm | L1 mm | D mm | Part Number |
|---|---|---|---|---|---|---|
|  Female Thread | G 1/4 | 18 | 44 | 9 | | 1300SBIW13EVX |

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



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# Cross-Reference-List

| Connection | Thread | Rectus Part Number old | Tema Part Number old | Part Number new | Page |
|---|---|---|---|---|---|
| **Couplings – with valve** | | | | | |
| Female Thread | G 1/4 | | 1300 RV | **1300KAIW13EVX** | 147 |
| **Plugs – without valve** | | | | | |
| Male Thread | G 1/8 | | 13110 R | **1300SFAW10EXX** | 147 |
| Female Thread | G 1/4 | | 13410 R | **1300SFIW13EXX** | 147 |
| **Couplings – with valve** | | | | | |
| Female Thread | G 1/4 | | 1300 NRV | **1300KBIW13EVX** | 147 |
| **Plugs – with valve** | | | | | |
| Female Thread | G 1/4 | | 13410 RV | **1300SBIW13EVX** | 147 |



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