

## 1700KBIW21BPN Quick coupling with female thread

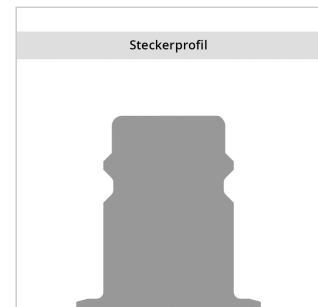
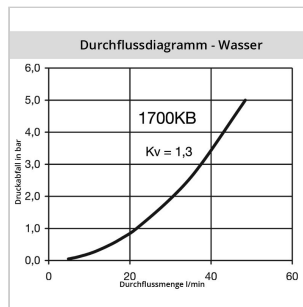
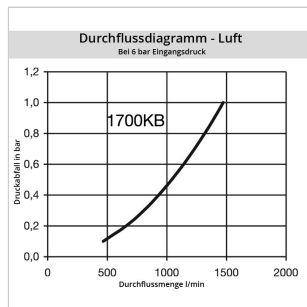
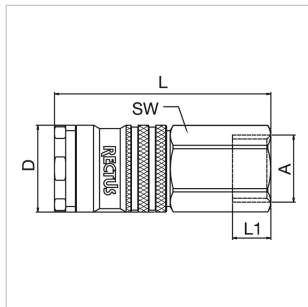
Quick coupling double shut-off, female thread G 1/2, nominal diameter 10, <35 bar, brass nickel plated, seal NBR



### Product description

Rectus Tema premium industrial coupling 1/2 with standard European profile. Suitable for compressed air applications with greater than average air consumption. Above-average flow values compared with standard market products. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop.

### More images



## Product properties

|                                          |                                                                                                                              |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Shut-off                                 | Quick coupling Double Shut-Off                                                                                               |
| Connection                               | Female thread 1/2"                                                                                                           |
| Connection description                   | Female pipe thread of Whitworth form ISO 228 1/2"                                                                            |
| Connection type                          | Female thread                                                                                                                |
| Suitable breath / respiratory protection | No                                                                                                                           |
| Seal                                     | NBR                                                                                                                          |
| Seal description                         | Nitrite-butadiene rubber                                                                                                     |
| Working pressure                         | 35 bar maximum static working pressure with safety factor 4 to 1.                                                            |
| Pressure eliminator                      | No                                                                                                                           |
| Single-hand operation                    | Yes                                                                                                                          |
| Self-venting coupling                    | No                                                                                                                           |
| Flat-sealing                             | No                                                                                                                           |
| Mould coupling                           | No                                                                                                                           |
| Weight in kg                             | 0,169                                                                                                                        |
| Hydraulics                               | No                                                                                                                           |
| Compatibility                            | RECTUS 27 RECTUS 1727 TEMA 1700                                                                                              |
| Ball locking                             | Yes                                                                                                                          |
| Material                                 | Brass nickel plated                                                                                                          |
| Material description                     | Brass CuZn39Pb3 2.0401 (completely)                                                                                          |
| Bore area in mm <sup>2</sup>             | 80                                                                                                                           |
| Bore in mm                               | 10                                                                                                                           |
| Surface                                  | nickel plated                                                                                                                |
| Pneumatics                               | Yes                                                                                                                          |
| Series                                   | 1700                                                                                                                         |
| Series long                              | 1700KB                                                                                                                       |
| Safety locking system                    | No                                                                                                                           |
| Standard product                         | No                                                                                                                           |
| Pin lock                                 | No                                                                                                                           |
| Working temperature                      | -20°C up to +100°C (NBR) -40°C up to +120°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. |
| Ultra-FLO-valve                          | Yes                                                                                                                          |
| Vacuum suitable                          | No                                                                                                                           |
| Advantages                               | One-hand operation. UltraFlo valve. Reduced coupling forces.                                                                 |
| Water-resistant                          | Yes                                                                                                                          |
| Material connection                      | Brass nickel plated                                                                                                          |
| Material seal                            | Perbunan®                                                                                                                    |
| Material sleeve                          | Brass nickel plated                                                                                                          |
| Material spring snap ring                | stainless steel AISI 301                                                                                                     |
| Material balls/pins                      | Stainless steel AISI 420                                                                                                     |
| Material valve                           | Brass                                                                                                                        |
| Material valve body                      | Brass nickel plated                                                                                                          |
| Two-hand operation                       | No                                                                                                                           |

## Dimensions

|              |       |
|--------------|-------|
| Connection A | G 1/2 |
| D mm         | 27    |
| L mm         | 67,5  |
| L1 mm        | 12    |
| SW mm        | 24    |