

# 25KAIW13SPN Quick coupling with female thread

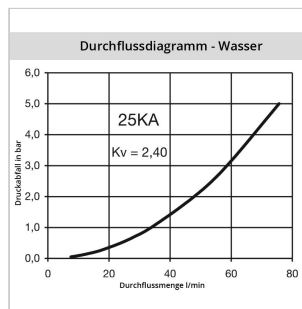
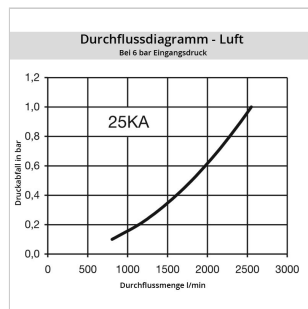
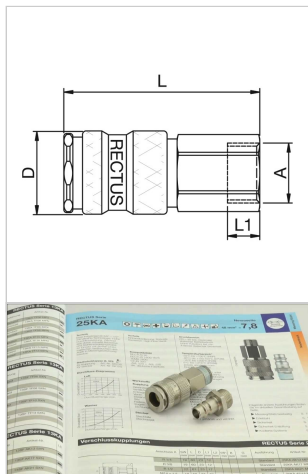
Quick coupling single shut-off, female thread G 1/4, nominal diameter 7,8, <35 bar, steel nickel plated, seal NBR



## Product description

Universal industrial coupling with standard European profile. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design and long service life even with the harshest use.

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## Product properties

|                                          |                                                                                                          |
|------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Shut-off                                 | Quick coupling Single Shut-Off                                                                           |
| Connection                               | Female thread 1/4"                                                                                       |
| Connection description                   | Female pipe thread of Whitworth form ISO 228 1/4"                                                        |
| 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                             | 0,0992                                                                                                   |
| Hydraulics                               | No                                                                                                       |
| Compatibility                            | RECTUS 26 RECTUS 1600/1625 TEMA 1600                                                                     |
| Ball locking                             | Yes                                                                                                      |
| Material                                 | Steel nickel-plated                                                                                      |
| Material description                     | Steel 9SMnPb28K 1.0718                                                                                   |
| Bore area in mm <sup>2</sup>             | 48                                                                                                       |
| Bore in mm                               | 7,8                                                                                                      |
| Surface                                  | nickel plated                                                                                            |
| Pneumatics                               | Yes                                                                                                      |
| Series                                   | 25                                                                                                       |
| Series long                              | 25KA                                                                                                     |
| Safety locking system                    | No                                                                                                       |
| Standard product                         | No                                                                                                       |
| Pin lock                                 | No                                                                                                       |
| 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. |
| Ultra-FLO-valve                          | No                                                                                                       |
| Vacuum suitable                          | No                                                                                                       |
| Advantages                               | One-hand operation. Robust structure. UltraFlo valve.                                                    |
| Water-resistant                          | No                                                                                                       |
| Material connection                      | Brass nickel plated                                                                                      |
| Material seal                            | Perbunan®                                                                                                |
| Material sleeve                          | Steel hardened and nickel plated                                                                         |
| Material spring snap ring                | stainless steel AISI 301                                                                                 |
| Material balls/pins                      | Stainless steel AISI 420                                                                                 |
| Material valve                           | Brass                                                                                                    |
| Material valve body                      | Steel nickel-plated                                                                                      |
| Two-hand operation                       | No                                                                                                       |

## Dimensions

|              |       |
|--------------|-------|
| Connection A | G 1/4 |
| D mm         | 23    |
| L mm         | 56    |
| L1 mm        | 10    |
| SW mm        | 19    |