

## 25KLIW17MPN Quick coupling with female thread

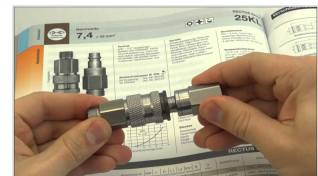
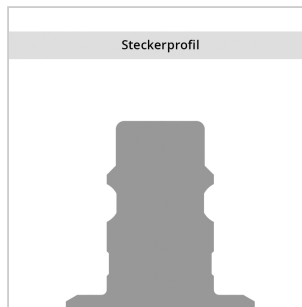
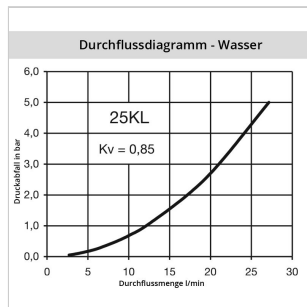
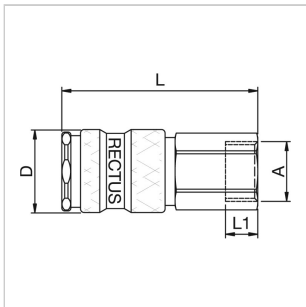
Quick coupling dry-break double shut-off, female thread G 3/8, nominal diameter 7,4, <8 bar, brass nickel plated, seal NBR



### 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 Dry-Break (double shut-off)                                                                                                                                                                                    |
| Connection                               | Female thread 3/8"                                                                                                                                                                                                            |
| Connection description                   | Female pipe thread of Whitworth form ISO 228 3/8"                                                                                                                                                                             |
| Connection type                          | Female thread                                                                                                                                                                                                                 |
| Suitable breath / respiratory protection | No                                                                                                                                                                                                                            |
| Seal                                     | NBR                                                                                                                                                                                                                           |
| Seal description                         | Nitrite-butadiene rubber                                                                                                                                                                                                      |
| Working pressure                         | PB = 8 bar maximum static working pressure with safety factor 4 to 1.                                                                                                                                                         |
| Pressure eliminator                      | No                                                                                                                                                                                                                            |
| Single-hand operation                    | Yes                                                                                                                                                                                                                           |
| Self-venting coupling                    | No                                                                                                                                                                                                                            |
| Flat-sealing                             | Yes                                                                                                                                                                                                                           |
| Mould coupling                           | No                                                                                                                                                                                                                            |
| Weight in kg                             | 0,091                                                                                                                                                                                                                         |
| Hydraulics                               | No                                                                                                                                                                                                                            |
| Ball locking                             | Yes                                                                                                                                                                                                                           |
| Material                                 | Brass nickel plated                                                                                                                                                                                                           |
| Material description                     | Brass CuZn39Pb3 2.0401 (except sleeve)                                                                                                                                                                                        |
| Bore area in mm <sup>2</sup>             | 42                                                                                                                                                                                                                            |
| Bore in mm                               | 7,4                                                                                                                                                                                                                           |
| Surface                                  | nickel plated                                                                                                                                                                                                                 |
| Pneumatics                               | Yes                                                                                                                                                                                                                           |
| Series                                   | 25                                                                                                                                                                                                                            |
| Series long                              | 25KL                                                                                                                                                                                                                          |
| 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) 0°C up to +316°C (FFKM) depending on the medium.                                                                                              |
| Ultra-FLO-valve                          | No                                                                                                                                                                                                                            |
| Vacuum suitable                          | No                                                                                                                                                                                                                            |
| Advantages                               | One-hand operation. Robust structure. UltraFlo valve. The collar design minimises damage to the valve body. Minimal, almost imperceptible leakage when uncoupling. No air locked into the system during the coupling process. |
| Water-resistant                          | No                                                                                                                                                                                                                            |
| 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                           | Zinc diecasting nickel plated                                                                                                                                                                                                 |
| Material valve body                      | Brass nickel plated                                                                                                                                                                                                           |
| Two-hand operation                       | No                                                                                                                                                                                                                            |

## Dimensions

|              |       |
|--------------|-------|
| Connection A | G 3/8 |
| D mm         | 23    |
| L mm         | 55    |
| L1 mm        | 9     |
| SW mm        | 19    |