

## Datasheet of 25KAIW21EVX Quick coupling with female thread



### Description

Quick coupling single shut-off, female thread G 1/2, nominal diameter 7,8, <35 bar, stainless steel AISI 316 L, seal FKM

Universal industrial coupling with standard European profile for use with gaseous, liquid and aggressive media. 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. The collar design minimises damage to the valve body.

### Details

|                                           |                                                                                                          |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Series:                                   | 25                                                                                                       |
| Series long:                              | 25KA                                                                                                     |
| Bore in mm:                               | 7,8                                                                                                      |
| Bore area in mm²:                         | 48                                                                                                       |
| Advantages:                               | One-hand operation. Robust structure. UltraFlo valve.                                                    |
| Compatibility:                            | RECTUS 26 European standard profiles                                                                     |
| Working pressure:                         | 35 bar maximum static working pressure with safety factor 4 to 1.                                        |
| 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. |
| Shut-Off:                                 | Quick coupling Single Shut-Off                                                                           |
| Connection:                               | Female thread 1/2"                                                                                       |
| Connection description:                   | Female pipe thread of Whitworth form ISO 228 1/2"                                                        |
| Connection type:                          | Female thread                                                                                            |
| Material:                                 | stainless steel AISI 316 L                                                                               |
| Material description:                     | stainless steel 1.4404                                                                                   |
| Seal description:                         | Fluororubber                                                                                             |
| Surface:                                  | blank finish                                                                                             |
| Material connection:                      | stainless steel AISI 316 L                                                                               |
| Material valve body:                      | stainless steel AISI 316 L                                                                               |
| Material sleeve:                          | stainless steel AISI 316 L                                                                               |
| Material valve:                           | stainless steel AISI 316 L                                                                               |
| Material spring snap ring:                | Stainless steel AISI 316Ti                                                                               |
| Material balls/pins:                      | Stainless steel AISI 316                                                                                 |
| Material seal:                            | Viton®                                                                                                   |
| Weight in kg:                             | 0,12                                                                                                     |
| Self-venting coupling:                    | No                                                                                                       |
| Safety locking system:                    | No                                                                                                       |
| Single-hand operation:                    | Yes                                                                                                      |
| Two-hand operation:                       | No                                                                                                       |
| Ball locking:                             | Yes                                                                                                      |
| Pin lock:                                 | No                                                                                                       |
| Ultra-FLO-valve:                          | No                                                                                                       |
| Vacuum suitable:                          | No                                                                                                       |
| Water-resistant:                          | No                                                                                                       |
| Flat-sealing:                             | No                                                                                                       |
| Suitable breath / respiratory protection: | No                                                                                                       |
| Pressure eliminator:                      | No                                                                                                       |
| Hydraulics:                               | No                                                                                                       |
| Pneumatics:                               | Yes                                                                                                      |
| Standard product:                         | No                                                                                                       |
| Mould coupling:                           | No                                                                                                       |

### Dimensions

|               |       |
|---------------|-------|
| Connection A: | G 1/2 |
| D mm:         | 23    |
| L mm:         | 57,5  |
| L1 mm:        | 12    |
| SW mm:        | 24    |