

## Datasheet of 21KAIW17EVX Quick coupling with female thread



### Description

Quick coupling single shut-off, female thread G 3/8, nominal diameter 5, <35 bar, stainless steel AISI 316 L, seal FKM

Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous media. Coupling system with single-hand operation. Small dimensions and large band width in materials and valve variants.

### Details

|   |  |
|---|--|
| Series:                                   | 21   |
| Series long:                              | 21KA   |
| Bore in mm:                               | 5  |
| Bore area in mm²:                         | 20   |
| Advantages:                               | One-hand operation. Small dimensions. All variants are compatible.                                       |
| Compatibility:                            | RECTUS 90  |
| 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 3/8"   |
| Connection description:                   | Female pipe thread of Whitworth form ISO 228 3/8"  |
| 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:                             | 0,042  |
| 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:                          | Yes  |
| 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 3/8 |
| D mm:         | 16    |
| L mm:         | 38    |
| L1 mm:        | 9     |
| SW mm:        | 19    |