

## 20KAIM05EVX Quick coupling with female thread

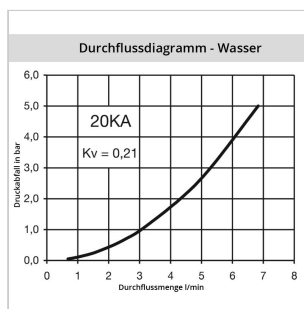
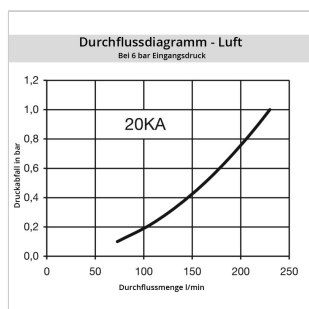
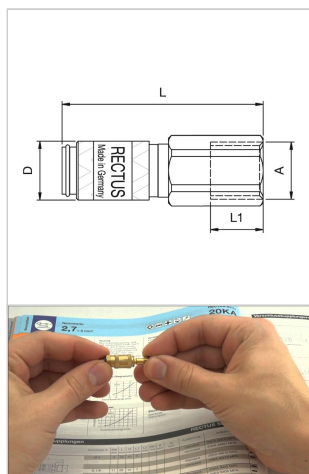
Quick coupling single shut-off, female thread M 5, nominal diameter 2,7, <35 bar, stainless steel AISI 316 L, seal FKM/FPM



### Product description

Mini industrial coupling with internationally used profile. Frequent use in medical technology and chemistry/pharmacy. Coupling system with single-hand operation. High flow despite small dimensions plus many applications with a variety of medio.

### More images



## Product properties

|                                          |                                                                                                          |
|------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Shut-off                                 | Quick coupling Single Shut-Off                                                                           |
| Connection                               | Female thread M 5                                                                                        |
| Connection description                   | Female thread metric DIN 13 M 5                                                                          |
| Connection type                          | Female thread                                                                                            |
| Suitable breath / respiratory protection | No                                                                                                       |
| Seal                                     | FKM/FPM                                                                                                  |
| Seal description                         | Fluororubber                                                                                             |
| 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                             | 0,009                                                                                                    |
| Hydraulics                               | No                                                                                                       |
| Compatibility                            | RECTUS 91                                                                                                |
| Ball locking                             | Yes                                                                                                      |
| Material                                 | stainless steel AISI 316 L                                                                               |
| Material description                     | stainless steel 1.4404                                                                                   |
| Bore area in mm <sup>2</sup>             | 6                                                                                                        |
| Bore in mm                               | 2,7                                                                                                      |
| Surface                                  | blank finish                                                                                             |
| Pneumatics                               | Yes                                                                                                      |
| Series                                   | 20                                                                                                       |
| Series long                              | 20KA                                                                                                     |
| 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                          | Yes                                                                                                      |
| Advantages                               | One-hand operation. Small dimensions.                                                                    |
| Water-resistant                          | No                                                                                                       |
| Material connection                      | stainless steel AISI 316 L                                                                               |
| Material seal                            | Viton®                                                                                                   |
| Material sleeve                          | stainless steel AISI 316 L                                                                               |
| Material spring snap ring                | Stainless steel AISI 316Ti                                                                               |
| Material balls/pins                      | Stainless steel AISI 316                                                                                 |
| Material valve                           | stainless steel AISI 316 L                                                                               |
| Material valve body                      | stainless steel AISI 316 L                                                                               |
| Two-hand operation                       | No                                                                                                       |

## Dimensions

|              |     |
|--------------|-----|
| Connection A | M 5 |
| D mm         | 10  |
| L mm         | 25  |
| L1 mm        | 5   |
| SW mm        | 9   |