

## 21KLTF06MPN Quick coupling with hose barb

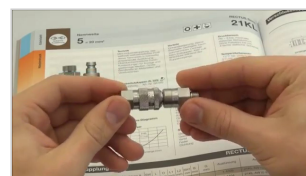
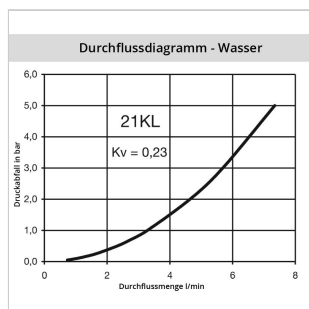
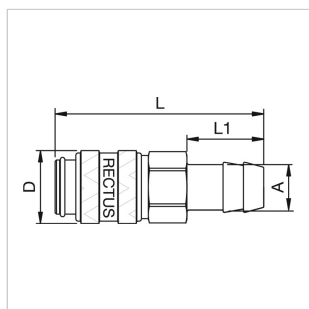
Quick coupling dry-break double shut-off, hose barb 6mm (1/4), nominal diameter 5, <8 bar, brass nickel plated, seal NBR



### Product description

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.

### More images



## Product properties

|                                          |                                                                                                                                                         |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shut-off                                 | Quick coupling Dry-Break (double shut-off)                                                                                                              |
| Connection                               | Hose barb 6mm LW(1/4")                                                                                                                                  |
| Connection description                   | Hose barb 6mm LW(1/4")                                                                                                                                  |
| Connection type                          | Hose barb                                                                                                                                               |
| 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                             | 0,029                                                                                                                                                   |
| Hydraulics                               | No                                                                                                                                                      |
| Ball locking                             | Yes                                                                                                                                                     |
| Material                                 | Brass nickel plated                                                                                                                                     |
| Material description                     | Brass CuZn39Pb3 2.0401 (except sleeve)                                                                                                                  |
| Bore area in mm <sup>2</sup>             | 20                                                                                                                                                      |
| Bore in mm                               | 5                                                                                                                                                       |
| Surface                                  | nickel plated                                                                                                                                           |
| Pneumatics                               | Yes                                                                                                                                                     |
| Series                                   | 21                                                                                                                                                      |
| Series long                              | 21KL                                                                                                                                                    |
| 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                          | Yes                                                                                                                                                     |
| Advantages                               | One-hand operation. Small dimensions. Minimal, almost imperceptible leakage when uncoupling. No air locked into the system during the coupling process. |
| Water-resistant                          | Yes                                                                                                                                                     |
| 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                           | Brass                                                                                                                                                   |
| Material valve body                      | Brass nickel plated                                                                                                                                     |
| Two-hand operation                       | No                                                                                                                                                      |

## Dimensions

|              |      |
|--------------|------|
| Connection A | 6 mm |
| D mm         | 16   |
| L mm         | 46   |
| L1 mm        | 17   |
| SW mm        | 14   |