

# 52KBIW21SPN Quick coupling with female thread

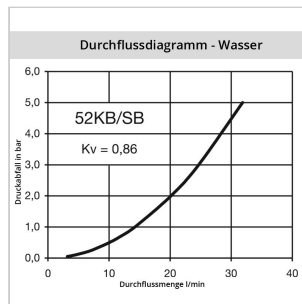
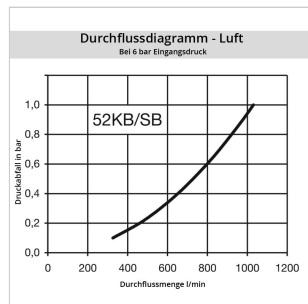
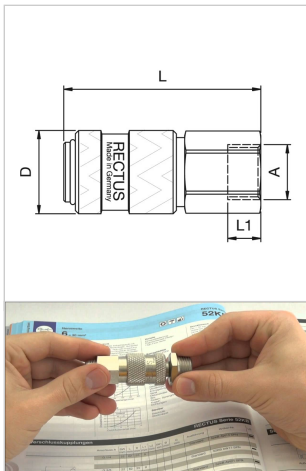
Quick coupling double shut-off, female thread G 1/2, nominal diameter 6, <50 bar, steel nickel plated, seal NBR



## Product description

Coupling system with German industrial profile. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Robust coupling in slim design mainly for pneumatic applications. The steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

## More images



## Product properties

|                                          |                                                                                                          |
|------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Shut-off                                 | Quick coupling Double Shut-Off                                                                           |
| Connection                               | Female thread 1/2"                                                                                       |
| Connection description                   | Female pipe thread of Whitworth form ISO 228 1/2"                                                        |
| Connection type                          | Female thread                                                                                            |
| Suitable breath / respiratory protection | No                                                                                                       |
| Seal                                     | NBR                                                                                                      |
| Seal description                         | Nitrite-butadiene rubber                                                                                 |
| Working pressure                         | PB = 50 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                             | 0,1507                                                                                                   |
| Hydraulics                               | No                                                                                                       |
| Ball locking                             | Yes                                                                                                      |
| Material                                 | Steel nickel-plated                                                                                      |
| Material description                     | Steel 9SMnPb28K 1.0718                                                                                   |
| Bore area in mm <sup>2</sup>             | 30                                                                                                       |
| Bore in mm                               | 6                                                                                                        |
| Surface                                  | nickel plated                                                                                            |
| Pneumatics                               | Yes                                                                                                      |
| Series                                   | 52                                                                                                       |
| Series long                              | 52KB                                                                                                     |
| 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                               | Single handed operation. Ergonomic design. High flow valve.                                              |
| Water-resistant                          | No                                                                                                       |
| Material connection                      | Brass nickel plated                                                                                      |
| Material seal                            | Perbunan®                                                                                                |
| Material sleeve                          | Steel hardened and nickel plated                                                                         |
| Material spring snap ring                | stainless steel AISI 301                                                                                 |
| Material balls/pins                      | Stainless steel AISI 420                                                                                 |
| Material valve                           | Brass nickel plated                                                                                      |
| Material valve body                      | Steel nickel-plated                                                                                      |
| Two-hand operation                       | No                                                                                                       |

## Dimensions

|              |       |
|--------------|-------|
| Connection A | G 1/2 |
| D mm         | 25    |
| L mm         | 65    |
| L1 mm        | 13    |
| SW mm        | 22    |