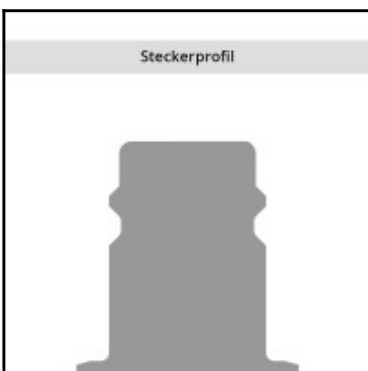
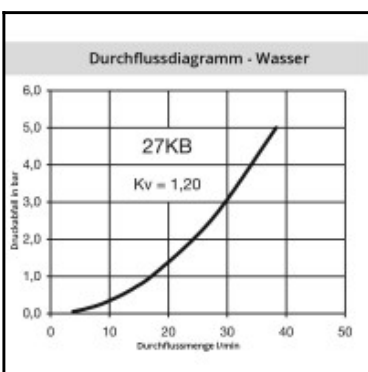
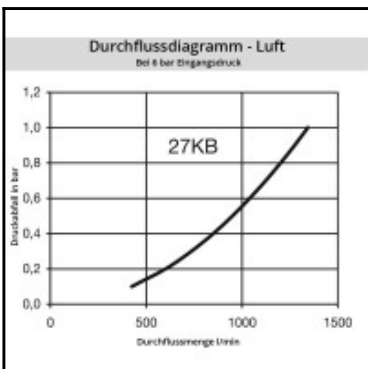
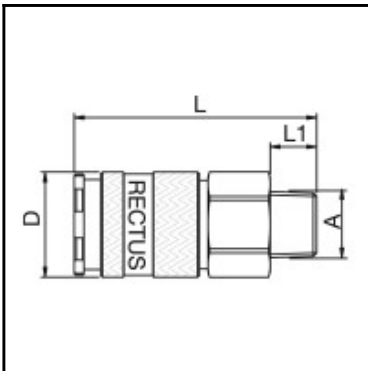


## Datasheet of 27KBAK21BVN Quick coupling with male thread



### Description

Quick coupling double shut-off, male thread R 1/2, nominal diameter 10, <35 bar, brass nickel plated, seal FKM

1/2 universal industrial coupling with standard European profile for use with large pneumatic consumers. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve), extremely high flow and long service life even with the harshest use. The collar design minimises damage to the valve body.

### Details

|   |  |
|---|--|
| Series:                                   | 27   |
| Series long:                              | 27KB   |
| Bore in mm:                               | 10   |
| Bore area in mm²:                         | 80   |
| Advantages:                               | One-hand operation. Low pressure Drop. UltraFlo valve. The collar design minimises damage to the valve body.                     |
| 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) 0°C up to +316°C (FFKM) depending on the medium. |
| Shut-Off:                                 | Quick coupling Double Shut-Off   |
| Connection:                               | Male thread 1/2"   |
| Connection description:                   | Male tapered thread of Whitworth form DIN 2999 1/2"  |
| Connection type:                          | Male thread  |
| Material:                                 | Brass nickel plated  |
| Material description:                     | Brass CuZn39Pb3 2.0401 (completely)  |
| Seal description:                         | Fluororubber   |
| Surface:                                  | nickel plated  |
| Material connection:                      | Brass nickel plated  |
| Material valve body:                      | Brass nickel plated  |
| Material sleeve:                          | Brass nickel plated  |
| Material valve:                           | Brass  |
| Material spring snap ring:                | stainless steel AISI 301   |
| Material balls/pins:                      | Stainless steel AISI 420   |
| Material seal:                            | Viton®   |
| Weight in kg:                             | 0,1523   |
| 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: | R 1/2 |
| D mm:         | 27    |
| L mm:         | 65    |
| L1 mm:        | 17    |
| SW mm:        | 24    |