

## 24KEAK21MPN Quick coupling self-venting

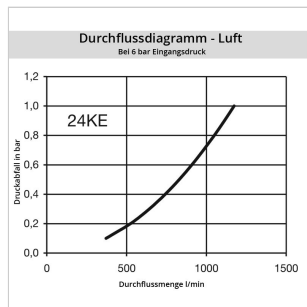
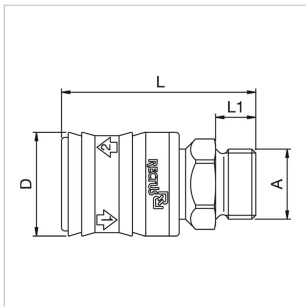
Safety coupling with a self-venting system, male thread R 1/2, nominal diameter 5,5, <12 bar, brass nickel plated, seal NBR



### Product description

Safety coupling with a self-venting system according to ISO 6150 B. Self-venting takes place during disconnection – no risk of pressurised hoses being tossed around. When the sleeve is pulled back, the plug is released yet remains locked in. The coupling valve closes and the air is vented from the air line at the same time. Only then, by operating the sleeve again, can uncoupling take place safely.

### More images



## Product properties

|                                          |                                                                                                                                                                                 |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shut-off                                 | Quick coupling Self-Venting system                                                                                                                                              |
| Connection                               | Male thread 1/2"                                                                                                                                                                |
| Connection description                   | Male tapered thread of Whitworth form DIN 2999 1/2"                                                                                                                             |
| Connection type                          | Male thread                                                                                                                                                                     |
| Suitable breath / respiratory protection | No                                                                                                                                                                              |
| Seal                                     | NBR                                                                                                                                                                             |
| Seal description                         | Nitrite-butadiene rubber                                                                                                                                                        |
| Working pressure                         | 12 bar maximum static working pressure with safety factor 4 to 1.                                                                                                               |
| Pressure eliminator                      | No                                                                                                                                                                              |
| Single-hand operation                    | Yes                                                                                                                                                                             |
| Self-venting coupling                    | Yes                                                                                                                                                                             |
| Flat-sealing                             | No                                                                                                                                                                              |
| Mould coupling                           | No                                                                                                                                                                              |
| Weight in kg                             | 0,1156                                                                                                                                                                          |
| Hydraulics                               | No                                                                                                                                                                              |
| Ball locking                             | Yes                                                                                                                                                                             |
| Material                                 | Brass nickel plated                                                                                                                                                             |
| Material description                     | Brass CuZn39Pb3 2.0401 (except sleeve)                                                                                                                                          |
| Bore area in mm <sup>2</sup>             | 25                                                                                                                                                                              |
| Bore in mm                               | 5,5                                                                                                                                                                             |
| Surface                                  | nickel plated                                                                                                                                                                   |
| Pneumatics                               | Yes                                                                                                                                                                             |
| Professional recommendation              | Self-Venting                                                                                                                                                                    |
| Series                                   | 24                                                                                                                                                                              |
| Series long                              | 24KE                                                                                                                                                                            |
| Safety locking system                    | Yes                                                                                                                                                                             |
| Standard product                         | No                                                                                                                                                                              |
| Pin lock                                 | Yes                                                                                                                                                                             |
| Working temperature                      | -20°C up to +60°C (NBR) depending on the medium.                                                                                                                                |
| Ultra-FLO-valve                          | No                                                                                                                                                                              |
| Vacuum suitable                          | Yes                                                                                                                                                                             |
| Advantages                               | Das System erfüllt die Forderungen der ISO 4414 – erhöhter Sicherheitsstandard am Arbeitsplatz – kein Verkratzen der Arbeitsoberfläche durch die Kunststoff-Entriegelungshülse. |
| Water-resistant                          | No                                                                                                                                                                              |
| Material connection                      | Brass nickel plated                                                                                                                                                             |
| Material seal                            | Perbunan®                                                                                                                                                                       |
| Material sleeve                          | Plastic                                                                                                                                                                         |
| Material spring snap ring                | stainless steel AISI 301                                                                                                                                                        |
| Material balls/pins                      | Stainless steel AISI 420                                                                                                                                                        |
| Material valve                           | Brass                                                                                                                                                                           |
| Material valve body                      | Brass nickel plated                                                                                                                                                             |
| Additional information                   | Reliable functioning can only be guaranteed in conjunction with original Parker Rectus plugs made of steel.                                                                     |
| Two-hand operation                       | No                                                                                                                                                                              |

## Dimensions

|              |       |
|--------------|-------|
| Connection A | R 1/2 |
| D mm         | 31    |
| L mm         | 63    |
| L1 mm        | 12    |

