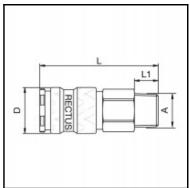
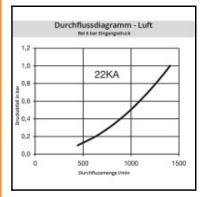
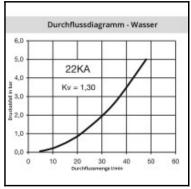


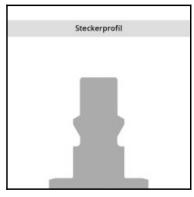
Datasheet of 22KAAK13SPN Quick coupling with male thread DUS











Description

Quick coupling single shut-off, male thread R 1/4, nominal diameter 5,5, <35 bar, steel nickel plated, seal NBR

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Specially suited to use with gaseous media in industry. The steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

Details

| Series long: 22KA Bore in mm: 5.5 Bore area in mm²: 25 Advantages: One-hand operation. The high insertion depth is guaranteed by an optimised plug guide. UltraFlo valve. Compatibility: RECTUS 14, PARKER 50 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. "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. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/4" Connection description: Male thread 1/4" Connection type: Male thread Material: Steel nickel-plated Material description: Steel symhpb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material oonnection: Steel nickel-plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material seleve: Steel nickel-plated Material spring snap ring: stainless steel AlSI 301 Material spring snap ring: stainless steel AlSI 420 | | |
|--|---|---|
| Bore in mm: | Series: | 22 |
| Bore area in mm²: 25 | | |
| Advantages: Compatibility: RECTUS 14, PARKER 50 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. | | |
| Advantages: Compatibility: RECTUS 14, PARKER 50 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. -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. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/4" Connection type: Male thread 1/4" Connection type: Male thread of Whitworth form DIN 2999 1/4" Material: Steel nickel-plated Material: Steel nickel-plated Material connection: Material connection: Steel gSMnPb2BK 1.0718 Seal description: Surface: nickel plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material seleve: Steel nickel-plated Material spring snap ring: Material spring snap ring: Material spring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1 Seal-ventling coupling: No Safety locking system: No Single-hand operation: No Sall locking: Yes Pin lock: No Uitra-FLO-valve: No Vacuum suitable: Yes Vacuum suitable: Yes Stainless seel alickel-plated: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Standard product: No | Bore area in mm ² : | |
| Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. - 20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 1/4" Connection description: Male thread of Whitworth form DIN 2999 1/4". Connection type: Mate thread Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nifrite-butadiene rubber surface: nickel plated Material valve body: Steel nickel-plated Material sleeve: Naterial seal: Perbunan® No Safety locking system: No Single-hand operation: No Single-hand operation: No Single-hand operation: No No Ultra-FLO-valve: Yes Two-hand operation: No No Sultable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No | Advantages: | |
| factor 4 to 1. -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. -20°C up to +100°C (NBR) -40°C (PKM) depending on the medium. -20°C up to +200°C (FKM) depending on the medium. | Compatibility: | RECTUS 14, PARKER 50 |
| Working temperature: (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection description: Male thread 1/4" Connection type: Male thread description: Steel pSMnPb28k 1.0718 Seal description: Steel sSMnPb28k 1.0718 Seal description: Nitrite-butadiene rubber Surface: Material connection: Material solve: Steel nickel-plated Material sleeve: Steel nickel-plated Material sleeve: Steel nickel-plated Material sylve body: Material sleeve: Steel nickel-plated Material sylve body: Steel nickel-plated Material sylve: Steel nickel-plated S | Working pressure: | |
| Connection: Connection description: Connection type: Male thread Material: Steel nickel-plated Material description: Steel sympb28K 1.0718 Seal description: Nitrite-butadiene rubber Inickel plated Material connection: Steel nickel-plated Material connection: Steel nickel-plated Material valve body: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: Steel nickel-plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material balls/pins: No Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: O,1 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Single-hand operation: No Sall locking: Yes Pin lock: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No | Working temperature: | (EPDM) -15°C up to +200°C (FKM) depending on the |
| Connection description: Connection type: Male thread Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Material sleeve: Steel nickel-plated Material sleeve: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: Naterial seal: Perbunan® Weight in kg: Stainless steel AISI 301 Material balls/pins: Weight in kg: O,1 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: Yes Water-resistant: No Fiat-sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presundatics: Yes Standard product: No | Shut-Off: | Quick coupling Single Shut-Off |
| Connection type: Material: Material: Steel nickel-plated Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Material seeve: Steel nickel-plated Material seeve: Steel nickel-plated Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Material balls/pins: Weight in kg: 0,1 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: Water-resistant: No Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Pneumatics: Yes Standard product: No Pneumatics: Yes Standard product: No | Connection: | Male thread 1/4" |
| Material: Material description: Steel gSMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: Safety locking system: Single-hand operation: Two-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Waterial sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presuratics: No Presuratics: No Presuratics: No Presuratics: No Presuratics: No No No No No No No No Pressure eliminator: No Presuratics: No Presuratics: No Presuratics: No Presuratics: No No No No No No No No No N | Connection description: | Male tapered thread of Whitworth form DIN 2999 1/4" |
| Material description: Steel 9SMnPb28K 1.0718 Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Steel nickel-plated Material valve body: Steel nickel-plated Material sleeve: Steel nickel-plated Material sleeve: Steel nickel-plated Material sleeve: Atterial valve: Zinc diecasting, nickel plated Material spring snap ring: Material sles/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1 Seff-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No | Connection type: | Male thread |
| Seal description: Surface: Nitrite-butadiene rubber Surface: Nickel plated Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Waterialing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No No Steel nickel-plated Steel nickel-plated Steel nickel-plated Steel nickel-plated Material seal: Steel nickel-plated Stee | Material: | Steel nickel-plated |
| Surface: Material connection: Material valve body: Material sleeve: Material spring snap ring: Material slalls/pins: Material balls/pins: Material seal: Meterial seal: Mo Safety locking system: No Single-hand operation: Yes Two-hand operation: No Safety locking system: No Safety locking system: No Safety locking system: No Suigle-hand operation: No Weter-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No | Material description: | Steel 9SMnPb28K 1.0718 |
| Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Safety locking system: No Safety locking system: No Single-hand operation: Moe Ball locking: Pin lock: Wita-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No Pneumatics: No Pneumatics: Yes Standard product: No Steel nickel-plated No No Stainless steel AISI 301 No No Stainless steel AISI 301 No No Stainless steel AISI 301 No Stainless steel AISI 301 No No Stainless steel AISI 301 No Stainless steel AISI 301 No No Stainless steel AISI 301 No Stainless steel AISI 301 No | Seal description: | Nitrite-butadiene rubber |
| Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Material balls/pins: Material balls/pins: Material balls/pins: Material balls/pins: Material seal: Perbunan® Weight in kg: O,1 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No No Steel nickel-plated Steel nickel-plated Material seal: Steel nickel-plated Material sealing istem included inc | Surface: | nickel plated |
| Material sleeve: Material valve: Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: O,1 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No Stainless steel AISI 301 No No No No No No No No No N | Material connection: | Steel nickel-plated |
| Material valve: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Perbunan® Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Material spring snap ring: Stainless steel AISI 301 Material spain seel AISI 420 Material seal: Perbunan® No No No No No Single-hand operation: No No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: No Pneumatics: Yes Standard product: No | Material valve body: | Steel nickel-plated |
| Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1 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: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Material sleeve: | Steel nickel-plated |
| Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: Standard product: No Perbunan® No No No No No No No No Safety locking system: No No No No No No No No No N | Material valve: | Zinc diecasting, nickel plated |
| Material seal: Weight in kg: O,1 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Perbunan® No Ultra-FLO-valve: No Vacuum suitable: Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Hydraulics: No Pneumatics: Standard product: No No O,1 No No No No No No No No No N | Material spring snap ring: | stainless steel AISI 301 |
| Weight in kg: 0,1 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: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Material balls/pins: | Stainless steel AISI 420 |
| 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: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Material seal: | Perbunan® |
| Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Weight in kg: | 0,1 |
| Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Self-venting coupling: | No |
| Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Safety locking system: | No |
| Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Single-hand operation: | Yes |
| Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Two-hand operation: | No |
| Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Ball locking: | Yes |
| Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Pin lock: | No |
| Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No | Ultra-FLO-valve: | No |
| Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Vacuum suitable: | Yes |
| Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Water-resistant: | No |
| Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No | Flat-sealing: | No |
| Hydraulics: No Pneumatics: Yes Standard product: No | Suitable breath / respiratory protection: | No |
| Pneumatics: Yes Standard product: No | Pressure eliminator: | No |
| Standard product: No | Hydraulics: | No |
| · | Pneumatics: | Yes |
| Mould coupling: | Standard product: | No |
| | Mould coupling: | No |

Dimensions

| Connection A: | R 1/4 |
|---------------|-------|
| D mm: | 23 |
| L mm: | 61 |
| L1 mm: | 12 |
| SW mm: | 19 |