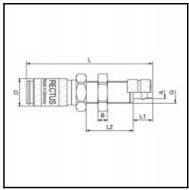
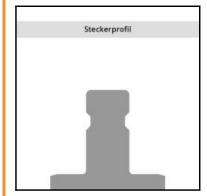


Datasheet of 20KFKS04MPN Quick coupling with panel mount D U S T







Description

Quick coupling straight-through, panel mount 3 x 4 mm, nominal diameter 2,7, <35 bar, brass nickel plated, seal NBR

Mini industrial coupling with internationally used profile. Frequent use in medical technology and chemistry/pharmacy. Coupling system with single-hand operation. High flow despite small dimensions plus many applications with a variety of medio.

Details

| Series long: Bore in mm: Bore area in mm²: 6 | Oction | loo |
|--|---|--|
| Bore in mm: Bore area in mm?: Bore area in mm?: Bore area in mm?: 6 Advantages: One-hand operation. Small dimensions. Compatibility: 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 Straight-Through Connection: Panel mount 3 x 4 mm Connection description: Panel mount without spring guard 3 x 4 mm Connection type: Connection nut Material: Brass nickel plated Material description: Surface: Nitrite-butadiene rubber Surface: Nitrite-butadiene rubber Material valve body: Material valve body: Material spring snap ring: Material seleve: Brass nickel plated Material spring snap ring: Material seve: Brass nickel plated Material spring snap ring: Material spring spring: Materi | Series: | 20 |
| Bore area in mm²: Advantages: One-hand operation. Small dimensions. Compatibility: RECTUS 91 Working pressure: 35 bar maximum static working pressure with safety factor 4 to 120°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 Straight-Through Connection: Panel mount 3 x 4 mm Connection description: Panel mount without spring guard 3 x 4 mm Connection type: Connection nut Material: Brass nickel plated Material description: Surface: nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Material spring: Material spring: Material seal: Perbunan® Weight in kg: O,0165 Self-venting coupling: No Single-hand operation: No Single-hand operation: No Ball locking: Yes Prin lock: No Uitra-FLO-valve: No Suitable breath / respiratory protection: No Presume discoverse and seal in the products: No Presume alignment of the products: No Presume alignment of the products: No Presume alignment of the products: No Presume still breath / respiratory protection: No Presume discoverse standard product: No Pneumatics: No Pneumatics: No Pneumatics: No | | |
| Advantages: Compatibility: RECTUS 91 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 Straight-Through Connection: Panel mount 3 x 4 mm Connection type: Connection type: Connection type: Connection type: At maximum static working pressure with safety factor 4 mm Connection description: Brass nickel plated Material description: Surface: Inickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: Self-venting coupling: No Safety locking system: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No Presumatics: Yes Standard product: | | |
| Compatibility: Working pressure: ### State of the Compatibility: ### State of the Compatibili | | |
| Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. | Advantages: | |
| working pressure: 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 Straight-Through Connection: Panel mount 3 x 4 mm Connection description: Panel mount without spring guard 3 x 4 mm Connection type: Connection nut Material: Brass nickel plated Material description: Surface: Material description: Surface: Material connection: Brass nickel plated Material valve body: Material valve body: Material spring snap ring: Material spring snap ring: Material selseve: Brass nickel plated Material spring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: Safety locking system: Single-hand operation: No Safety locking system: No Single-hand operation: No Ultra-FLO-valve: Ves Wacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Presure eliminator No Presure eliminator No Presure eliminator No Presure e | Compatibility: | |
| Working temperature: (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Straight-Through Connection: Panel mount 3 x 4 mm Connection type: Connection type: Connection nut Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber Surface: Inickel plated Material connection: Material valve body: Material valve body: Material sleeve: Material sleeve: Brass nickel plated Material sleikpring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Vaccuum suitable: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: No Pneumatics: Yes Standard product: No | Working pressure: | factor 4 to 1. |
| Connection: Panel mount 3 x 4 mm Connection description: Panel mount without spring guard 3 x 4 mm Connection type: Connection nut Material: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material spring snap ring: Brass nickel plated Material seve: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: Q,0165 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: Wes Water-resistant: Yes Water-resistant: Yes Flat-sealing: 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: Panel mount without spring guard 3 x 4 mm Connection type: Connection nut Material: Brass nickel plated Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 301 Material balls/pins: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: No Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0165 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: | Shut-Off: | Quick coupling Straight-Through |
| Connection type: Material: Material: Material description: Seal description: Material description: Seal description: Material connection: Material connection: Material connection: Material connection: Material solve body: Material seleve: Material seleve: Brass nickel plated Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Material balls/pins: Material balls/pins: Material perbunan® Weight in kg: O.0165 Self-venting coupling: No Single-hand operation: Two-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No | Connection: | Panel mount 3 x 4 mm |
| Material: Material description: Seal description: Nitrite-butadiene rubber Surface: Material connection: Material valve body: Material spring snap ring: Material spling snap ring: Material seal: Weight in kg: Self-venting coupling: No Safety locking: Safety locking: Pin lock: Mo Ultra-FLO-valve: Vacuum suitable: Vacuum suitable: Versum description: Mo Pressure eliminator: Hydraulics: No Presume description: Brass nickel plated Brass nickel plat | Connection description: | Panel mount without spring guard 3 x 4 mm |
| Material description: Seal description: Nitrite-butadiene rubber Naterial connection: Brass nickel plated Material valve body: Material seleve: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0165 Self-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: No Vacuum suitable: Yes Water-resistant: Yes Hat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Pneumatics: Yes Standard product: | Connection type: | Connection nut |
| Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0165 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No | Material: | Brass nickel plated |
| Surface: Material connection: Material valve body: Material sleeve: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Mall locking: Pess Pin lock: Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: Presumatics: No Pneumatics: No Pneumatics: No Press Parss nickel plated Brass plated Brass nickel plated Brass pl | Material description: | Brass CuZn39Pb3 2.0401 (except sleeve) |
| Material connection: Material valve body: Material sleeve: Material spring snap ring: Material spring snap ring: Material seal: Meterial seal: Moltas steel AISI 420 Material seal: Meterial seal: Moltas steel AISI 420 Moltas steel AISI 301 Material seal AISI 301 Moltas steel AISI 301 Material seal seal AISI 301 Material seal seal seal AISI 301 Material seal seal seal seal AISI 301 Material seal seal seal seal seal ale seal seal | Seal description: | Nitrite-butadiene rubber |
| Material valve body: Material sleeve: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0165 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: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No Brass nickel plated Brass nicke plated Brass nicke plated Brass nickel plated Brass nickel plated Brass nicke plated Brass nickel plated Brass nicke plated | Surface: | nickel plated |
| Material sleeve: Material spring snap ring: Material spring snap ring: Material seal: Meight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No Stainless steel AISI 301 No No No No Stainless steel AISI 420 No No No No No No No No No N | Material connection: | Brass nickel plated |
| Material spring snap ring: Material balls/pins: Material seal: Perbunan® Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No No Stainless steel AISI 301 No No No Sittles AISI 420 No No No No No No No No No N | Material valve body: | Brass nickel plated |
| Material balls/pins: Material seal: Perbunan® Weight in kg: Self-venting coupling: No 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: Pressure eliminator: Hydraulics: No Material balls/pins: Stainless steel AISI 420 No No No No No No No Safety locking: No No No No No No No No No N | Material sleeve: | Brass nickel plated |
| Material seal: Weight in kg: O,0165 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pressure eliminator: No No No Pressure eliminator: No No No Pressure eliminator: No No No No Pressure eliminator: No No No No Pressure eliminator: No No No No No No No No No N | Material spring snap ring: | stainless steel AISI 301 |
| Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: Hydraulics: No Pressure eliminator: No No No No No No No No No N | 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: Yes 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Weight in kg: | 0,0165 |
| Single-hand operation: Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: 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: Yes 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: Yes 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: Yes 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No | Ball locking: | Yes |
| Vacuum suitable: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No | Pin lock: | No |
| Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No | Ultra-FLO-valve: | No |
| Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No | Vacuum suitable: | Yes |
| Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No | Water-resistant: | Yes |
| Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No | Flat-sealing: | No |
| Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No | Suitable breath / respiratory protection: | No |
| Pneumatics: Yes Standard product: No | | No |
| Pneumatics: Yes Standard product: No | Hydraulics: | No |
| · | | Yes |
| · | Standard product: | No |
| | Mould coupling: | No |

Dimensions

| Connection A: | 3 x 4 mm |
|---------------|-----------|
| B mm: | 3 |
| D mm: | 10 |
| G mm: | M 7 x 0,5 |
| L mm: | 45 |
| L1 mm: | 7 |
| L2 mm: | 17 |
| SW mm: | 12 |
| SW1 mm: | 11 |