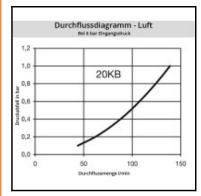
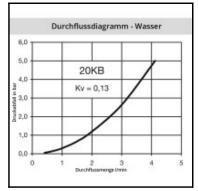
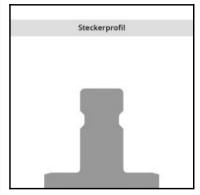


Datasheet of 20KBAF05MPX Quick coupling









Description

Quick coupling double shut-off, UNF-male thread 10-32, nominal diameter 2,7, <35 bar, brass, 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: Series long: Bore in mm: 2,7 Bore area in mm²: 5 Advantages: One-hand operation. Small dimensions. Low pressure Drop. 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 Double Shut-Off Connection: Male thread UNF 10-32 Connection description: Male thread UNF-thread 10-32 Material: Brass Material description: Surface: blank finish Material connection: Brass Material valve body: Brass Material valve: Brass Material spring snap ring: Material spring snap ring: Material spring snap ring: Material seal: Perbunan® Weight in kg: O,0085 Self-venting coupling: No Self-venting coupling: No Single-hand operation: No Single-hand operation: No Single-hand operation: No Single-hand operation: No Surface: No Ves | | |
|---|---|--|
| Bore in mm: Dore area in mm? Bore area in mm? Advantages: One-hand operation. Small dimensions. Low pressure brop. Drop. Working pressure: 36 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 Double Shut-Off Connection: Male thread UNF 10-32 Connection description: Male thread UNF-thread 10-32 Material: Brass Material description: Surface: Material connection: Material valve body: Brass Material valve body: Brass Material valve: Brass Material valve: Brass Material spring snap ring: Material spring snap ring: Material seal: Perbunan® Weight in kg: O,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: Yes Flat-sealing: No Sutable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Presumatics: No Presumatics: No Presumatics: No Presumatics: No | Series: | 20 |
| Bore area in mm²: Advantages: Done-hand operation. Small dimensions. Low pressure Drop. 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: Connection: Connection: Male thread UNF 10-32 Connection description: Male thread UNF-thread 10-32 Material: Brass Material description: Surface: blank finish Material connection: Material connection: Brass (2L739Pb3 2.0401 (except sleeve) Nitrite-butadiene rubber Surface: blank finish Material valve body: Brass Material sleeve: Brass Material valve body: Brass Material sleeve: Brass Material valve: Brass Material spring snap ring: Material salis/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: No Single-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Suttable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: No Standard product: No | Series long: | 20KB |
| Advantages: One-hand operation. Small dimensions. Low pressure Drop. 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 Double Shut-Off Connection: Alle thread UNF 10-32 Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Material description: Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Material connection: Brass Material valve body: Brass Material valve body: Brass Material sleeve: Brass Material sleeve: Brass Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Material balls/pins: Material balls/pins: Material seal: Perbunan® Weight in kg: 0.0085 Self-venting coupling: No Safety locking system: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No Pneumatics: Yes Standard product: No | Bore in mm: | 2,7 |
| Advantages: Working pressure: ### Standard Note | Bore area in mm ² : | 5 |
| 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 Double Shut-Off Connection: Male thread UNF 10-32 Material: Brass Material: Brass Material description: Militrite-butadiene rubber Surface: blank finish Material valve body: Material sleeve: Material sleeve: Brass Material valve: Brass Material springs nap ring: Material springs nap ring: Material seal: Perbunan® Weight in kg: 0,0085 Self-venting coupling: Safety locking system: No Single-hand operation: Yes Water-resistant: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No | Advantages: | · · · · · · · · · · · · · · · · · · · |
| Working temperature: (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Male thread UNF 10-32 Connection description: Male thread UNF-thread 10-32 Material: Brass Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0085 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 Vaccuum suitable: Yes Water-resistant: Yes Water-resistant: Yes Water-resistant: Yes Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presure eliminator: No Presuratics: Yes Standard product: No | Working pressure: | factor 4 to 1. |
| Connection: Male thread UNF 10-32 Connection description: Male thread UNF-thread 10-32 Material: Brass Material description: Seal description: Mitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material sleeve: Brass Material spring snap ring: Material spring snap ring: Material spring stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Weight in kg: 0,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pressure No Ultra-FLO-valve: Vacuum suitable: Wes Water-resistant: Flat-sealing: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No Presumatics: Yes Standard product: No | Working temperature: | (EPDM) -15°C up to +200°C (FKM) depending on the |
| Connection description: Material: Material: Brass Material description: Seal description: Surface: Material connection: Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material palls/pins: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material palls/pins: Material spring snap ring: Material spring spring spring: Material spring spring spring: Material spring spring spring: Mo 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 Pheumatics: Yes Standard product: | Shut-Off: | Quick coupling Double Shut-Off |
| Material: Material description: Brass CuZn39Pb3 2.0401 (except sleeve) Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: O,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Water-resistant: Yes Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: No | Connection: | Male thread UNF 10-32 |
| Material description: Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Brass No Ultra-FLO-valve: Vacuum suitable: Ves Flat-sealing: No Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No | Connection description: | Male thread UNF-thread 10-32 |
| Seal description: Nitrite-butadiene rubber Surface: blank finish Material connection: Material valve body: Material sleeve: Brass Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No No No Pressure eliminator: No Presumatics: Yes Standard product: No | Material: | Brass |
| Surface: blank finish Material connection: Brass Material valve body: Brass Material sleeve: Brass Material valve: Brass Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Thiok: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No No Hydraulics: Yes Standard product: No Pressure eliminator: No No No No No No No No No N | Material description: | Brass CuZn39Pb3 2.0401 (except sleeve) |
| 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: Meight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Two-hand operation: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Presumatics: Yes Standard product: No No No No No No No No No N | Seal description: | Nitrite-butadiene rubber |
| Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Material seal: Perbunan® Weight in kg: 0,0085 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: Ves Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: Pass Brass Mo No No Suitable breath / respiratory protection: No Pressure eliminator: No Preumatics: Yes Standard product: No | Surface: | blank finish |
| Material sleeve: Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0085 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 Pneumatics: Yes Standard product: No | Material connection: | Brass |
| Material valve: Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Hydraulics: No Pneumatics: Yes Standard product: No | Material valve body: | Brass |
| Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Meight in kg: O,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Hydraulics: No Pneumatics: Yes Standard product: No Stainless steel AISI 301 Stainless steel AISI 301 No No No No No No No No No N | Material sleeve: | Brass |
| Material balls/pins: Material seal: Perbunan® Weight in kg: O,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Vacuum suitable: Vas Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No No Material balls/pins: Stainless steel AISI 420 No No No No No No No Safety locking: No | Material valve: | Brass |
| Material seal: Weight in kg: O,0085 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pes Pin lock: Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Hydraulics: No Pneumatics: Yes Standard product: No O,0085 No | 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: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: No Suitable breath / respiratory protection: No Hydraulics: No Pneumatics: Yes Standard product: No | Material balls/pins: | Stainless steel AISI 420 |
| Self-venting coupling: Safety locking system: No 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: No Pressure eliminator: No Pneumatics: Standard product: No | Material seal: | Perbunan® |
| Safety locking system: 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: No Pressure eliminator: No Pneumatics: Standard product: No No No No No No No No No N | Weight in kg: | 0,0085 |
| Single-hand operation: Two-hand operation: Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No No No No No No No No No N | 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: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No 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: | Yes |
| 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: No | Standard product: | No |
| | Mould coupling: | No |

Dimensions